

ID prodotto	Handle	Titolo	Anno di pubblicazione	Tutti gli autori/Curatori	rivista: denominazione	Nr Volume	pagina: iniziale	pagina: finale
235763	10447/190562	A facies distribution model controlled by a tectonically inherited sea bottom topography in the carbonate rimmed shelf of the Upper Tithonian–Valanginian Southern Tethyan continental margin (NW Sicily, Italy)	2016	Basilone, L.; Sulli, A.	SEDIMENTARY GEOLOGY	342	91	105
292174	10447/243246	A geo-statistical predictive approach to the Habitat mapping of Vulnerable Marine Ecosystems along the northern Sicily inner continental shelf (southern Mediterranean)	2016	Zizzo, E; Sulli, A; Agate, M; Lo Iacono, C	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40		
245514	10447/199916	A Jurassic-Cretaceous intraplateau basin in the Panormide Southern Tethyan margin (NW Sicily, Italy), revealed by integrating facies and structural analyses with subsidence history	2016	Basilone, L.; Sulli, A.; Gasparo Morticelli, M.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40	516	516
245034	10447/199468	A Low Cost Customizable Micro-ROV for Environmental Research - Applications, Advances and Challenges	2016	D'Alessandro, A.; Bottari, C.; Bucalo, F.; Capizzi, P.; Cocchi, L.; Coltelli, M.; Costanza, A.; D'Anna, G.; D'Anna, R.; Fagiolini, A.; Fertitta, G.; Martorana, R.; Passafiume, G.; Speciale, S.; Vitale, G.				
275215	10447/227331	A mechanistic approach reveals non linear effects of climate warming on mussels throughout the Mediterranean sea	2016	Montalto, V.; Helmuth, B.; Ruti, P.; Dell'Aquila, A.; Rinaldi, A.; Sara', G.	CLIMATIC CHANGE	139	293	306
337900	10447/286309	A revision of <i>Helichrysum panormitanum</i> s.l. (Asteraceae) in the Italian and Maltese floras	2016	Iamónico, Duilio*; Guarino, Riccardo; Ilardi, Vincenzo; Pignatti, Sandro	PHYTOTAXA	286	207	210
348467	10447/295794	Active deformation in a sector of the Sicilian-Maghrebic Chain: new insights from integrated GNSS, structural high-resolution seismic reflection and seismological data	2016	Pepe F., Dardanelli G., Ferranti L., Corradino M., Napoli G., Orecchio B., Bertotti G., Renda P., Paliaga S., Pipitone C.2 & Presti D.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40		
257988	10447/211708	Amino acid composition in eyes from zebrafish (<i>Danio rerio</i>) and sardine (<i>Sardina pilchardus</i>) at the larval stage	2016	Falco, F.; Barra, M.; Cammarata, M.; Cuttitta, A.; Jia, S.; Bonanno, A.; Mazzola, S.; Wu, G.	SPRINGERPLUS	5	519	527
265437	10447/218698	Analisi della geometria idraulica dei rilli mediante il data-base del WEPP	2016	DI STEFANO, C.; Ferro, V.; Nicosia, A.; Pampalone, V.			421	430
278887	10447/230779	<i>Anisakis pegreffii</i> (Nematoda: Anisakidae) products modulate oxidative stress and apoptosis-related biomarkers in human cell lines	2016	Messina, C.; Pizzo, F.; Santulli, A.; Bušelić, I.; Boban, M.; Orhanović, S.; Mladineo, I.	PARASITES & VECTORS	9	1	10
246090	10447/200478	<i>Apatodemus degiulii</i> n. gen. et sp. (Rodentia, Muridae), a hitherto undescribed endemite from the Terre Rosse of Gargano (Late Miocene, Southeastern Italy)	2016	Savorelli, A.; Colombero, S.; Masini, F.	PALAEONTOGRAPHICA ABTEILUNG A PALÄOZOOLOGIE, STRATIGRAPHIE	306	25	49

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348410	10447/295758	Architecture of the NYT caldera and inner resurgent dome (Pozzuoli Bay, Campi Flegrei): new insights from seismic reflection and DInSAR data	2016	Corradino, M.; Pepe, F.; Sacchi, M.; Solaro, G.; Ferranti, L.; Molisso, F.; Insinga, D.		41		
257978	10447/211697	Are immune responses gender-related in <i>Carabus lefebvrei</i> (Coleoptera: Carabidae)?	2016	Giglio, A.; Brandmayr, P.; Cammarata, M.; Cavaliere, F.; Trapani, M.; Giulianini, P.	INVERTEBRATE SURVIVAL JOURNAL	13	102	110
279771	10447/231629	Assessing persistent organic pollutants (POPS) in the sicily island atmosphere, mediterranean, using PUF disk passive air samplers	2016	Pozo, K.; Palmeri, M.; Palmeri, V.; Estellano, V.; Mulder, M.; Efstathiou, C.; Sara', G.; Romeo, T.; Lammel, G.; Focardi, S.	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH INTERNATIONAL	23	20796	20804
247059	10447/201380	Assessing the effect of mercury pollution on cultured benthic foraminifera using DNA metabarcoding and morphological approaches	2016	Frontalini, F.; Greco, M.; Di Bella, L.; Lejzerowicz, F.; Caruso, A.; Cosentino, C.; Maccotta, A.; Scopelliti, G.; Pawlowski, J.; Coccioni, R.				
282495	10447/234174	Assessing, measuring and modelling erosion in calanchi areas: A review	2016	CARABALLO ARIAS, N.; Ferro, V.	JOURNAL OF AGRICULTURAL ENGINEERING	47	181	190
292164	10447/243241	Bathy-morphological analysis of submarine canyons across the north-western Sicily continental slope	2016	Lombardo, C; Agate, M; Lo Iacono, C; Sulli, A	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40	607	607
275352	10447/227408	Behavioral response of brown meagre (<i>Sciaena umbra</i>) to boat noise	2016	La Manna, G.; Manghi, M.; Perretti, F.; Sara', G.	MARINE POLLUTION BULLETIN	110	324	334
278665	10447/230589	Biostratigraphy, chronostratigraphy and paleoenvironmental reconstruction of the Palermo historical centre Quaternary succession	2016	Incarbona, A.; Contino, A.; Agate, M.; Bonomo, S.; Calvi, F.; DI STEFANO, E.; Giammarinaro, M.; Priulla, A.; Sprovieri, R.	ITALIAN JOURNAL OF GEOSCIENCES	135	512	525
348472	10447/295798	Boulder dynamics in the Favignana Island coastal zone (Egadi Archipelago, Central Mediterranean)	2016	Pepe F., Corradino M., Napoli G., Lo Presti V., Renda P., Calcagnile L., Quarta G. & Antonioli G.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40		
271269	10447/223713	Burial and thermal evolution of the Sicilian fold-and-thrust belt: preliminary results from the Scillato wedge top basin (central-northern Sicily, Italy)	2016	Balestra, M; Martizzi, P; Corrado, S; Aldega, L; Gasparo Morticelli, M; Sulli, A; Interbartolo, F	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40	515	515
265449	10447/218710	CALIBRAZIONE DI MODELLI USLE-DERIVATI MEDIANTE I MASSIMI ANNUALI DELLA PERDITA DI SUOLO PER EVENTO	2016	DI STEFANO, C.; Ferro, V.; Bagarello, V.; Pampalone, V.			463	473
265490	10447/218751	CARATTERISTICHE DIMENSIONALI ED ENERGETICHE DI PRECIPITAZIONI NATURALI MISURATE CON UNA TECNICA DISDROMETRICA IN SPAGNA	2016	Carollo, F.; Ferro, V.; Serio, M.	QUADERNI DI IDRONOMIA MONTANA	34	349	357

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335717	10447/284299	Caratterizzazione di mattoni in terra cruda di età ellenistico-romana dall'area archeologica di Solunto (Palermo) e di provini ottenuti con materie prime locali	2016	Di Stefano, C.; Giarrusso, R.; Montana, G.; Mulone, A.			79	88
227567	10447/183056	Carbonate precipitation in the alkaline lake Specchio di Venere (Pantelleria Island, Italy) and the possible role of microbial mats	2016	Cangemi, M.; Censi, P.; Reimer, A.; D'Alessandro, W.; Hause Reitner, D.; Madonia, P.; Oliveri, Y.; Pecoraino, G.; Reitner, J.	APPLIED GEOCHEMISTRY	67	168	176
303211	10447/253329	Chemical composition of volatile and fixed oils from of Salvia argentea L. (Lamiaceae) growing wild in Sicily	2016	Riccobono, L.; Maggio, A.; Rosselli, S.; Ilardi, V.; Senatore, F.; Bruno, M.	NATURAL PRODUCT RESEARCH	30	25	34
292568	10447/243633	Ciminna, First Stop - 27 Thursday	2016	Sulli, A.; GASPARO MORTICELLI, M.; Agate, M.; Basilone, L.			108	118
265590	10447/218837	Closure "Stage-discharge relationship for an upsteam inclined grid with transversal bars"	2016	DI STEFANO, C.; Ferro, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	142		
227650	10447/183092	Cold-active molecules for a sustainable preservation and restoration of historic-artistic manufacts	2016	Palla, F.; Barresi, G.; Giordano, A.; Trapani, M.; Rotolo, V.; Parisi, M.; Cammarata, M.	INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE	7	239	246
292527	10447/243591	Collision induced fragmentations of multiply charged sodium bis(2-ethylhexyl)-sulfosuccinate aggregates in gas phase: neutral loss versus charge separation	2016	Indelicato, S.; Bongiorno, D.; TURCO LIVERI, V.; Calabrese, V.; Indelicato, S.; Piazzese, D.; Ruggirello, A.; Siciliano, C.; Ceraulo, L.	INTERNATIONAL JOURNAL OF MASS SPECTROMETRY	409	29	37
225687	10447/181282	Combination of advanced oxidation processes and active carbons adsorption for the treatment of simulated saline wastewater	2016	Cataldo, S.; Ianni, A.; Loddo, V.; Mirenda, E.; Palmisano, L.; Parrino, F.; Piazzese, D.	SEPARATION AND PURIFICATION TECHNOLOGY	171	101	111
274985	10447/227058	Comparative analysis of the proximate and elemental composition of the blue crab Callinectes sapidus, the warty crab Eriphia verrucosa, and the edible crab Cancer pagurus	2016	Zotti, M.; Del Coco, L.; De Pascali, S.; Migoni, D.; Vizzini, S.; Mancinelli, G.; Fanizzi, F.	HELIYON	2	1	15
273576	10447/225816	Comparison of metals and essential trace elements levels between Autistic Spectrum Disorders cases and their sibs in Sicily (southern Italy)	2016	Fiore, M.; Barone, R.; Grasso, A.; D'Agati, P.; Varrica, D.; Calabrese, G.; Rizzo, R.; Ferrante, M.		P2-034 ID: 4229		
275354	10447/227410	Concurrent environmental stressors and jellyfish stings impair caged European sea bass (Dicentrarchus labrax) physiological performances	2016	Bosch Belmar, M.; Giomi, F.; Rinaldi, A.; Mandich, A.; Fuentes, V.; Mirto, S.; Sara', G.; Piraino, S.	SCIENTIFIC REPORTS	6	27929	
246632	10447/200981	Conduit dynamics and post explosion degassing on Stromboli: A combined UV camera and numerical modeling treatment	2016	Pering, T.; Mcgonigle, A.; James, M.; Tamburello, G.; Aiuppa, A.; DELLE DONNE, D.; Ripepe, M.	GEOPHYSICAL RESEARCH LETTERS	43	5009	5016

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214349	10447/170651	Contribution to a Taxonomic Revision of the Sicilian Helichrysum Taxa by PCA Analysis of Their Essential-Oil Compositions	2016	Maggio, A.; Bruno, M.; Guarino, R.; Senatore, F.; Ilardi, V.	CHEMISTRY & BIODIVERSITY	13	151	159
265145	10447/218414	Contribution to the phytosociological characterization of the forest vegetation of the Sicani Mountains (inland of north-western Sicily).	2016	Gianguzzi, L.; Cuttonaro, P.; Cusimano, D.; Romano, S.	PLANT SOCIOLOGY	53	5	43
265596	10447/218839	Deducing a drain spacing formula by applying dimensional analysis and self-similarity theory	2016	Ferro, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING		04016004-1	04016004-5
275059	10447/227123	Deep fluid transfer evidenced by surface deformation during the 2014-2015 unrest at Piton de la Fournaise volcano	2016	Peltier, A.; Beauducel, F.; Villeneuve, N.; Ferrazzini, V.; Di Muro, A.; Aiuppa, A.; Derrien, A.; Jourde, K.; Taisne, B.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	321	140	148
222971	10447/178854	DFT calculation of NMR delta(Cd-113) in cadmium complexes	2016	Casella, G.; Ferrante, F.; Saielli, G.	POLYHEDRON	117	48	56
236665	10447/191409	Different key roles of mesoscale oceanographic structures and ocean bathymetry in shaping larval fish distribution pattern: A case study in Sicilian waters in summer 2009	2016	Cuttitta, A.; Quinci, E.; Patti, B.; Bonomo, S.; Bonanno, A.; Musco, M.; Torri, M.; Placenti, F.; Basilone, G.; Genovese, S.; Armeri, G.; Spanò, A.; Arculeo, M.; Mazzola, A.; Mazzola, S.	JOURNAL OF SEA RESEARCH	115	6	17
243546	10447/198018	Diffuse soil gas emissions of gaseous elemental mercury (GEM) from hydrothermal-volcanic systems: An innovative approach by using the static closed-chamber method	2016	Tassi, F.; Cabassi, J.; Calabrese, S.; Nisi, B.; Venturi, S.; Capecchiacci, F.; Giannini, L.; Vaselli, O.	APPLIED GEOCHEMISTRY	66	234	241
247055	10447/201376	Distribution of Cr and Pb in artificial sea water and their sorption in marine sediments: an example from experimental mesocosms	2016	Maccotta, A.; Cosentino, C.; Coccioni, R.; Frontalini, F.; Scopelliti, G.; Caruso, A.	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH INTERNATIONAL	23	24068	24080
301078	10447/251356	Distribution patterns of the parrotfish Sparisoma cretense in the Plemmirio's MPA	2016	Gianguzza, P.; Pasolli, L.; Mazzoldi, C.; Di Trapani, F.; Klanten, O.; Mazza, G.; Rizza, R.				
420816	10447/364589	Diversification de la production de l'aquaculture sicilienne à travers la production de filets de maigre (Argyrosmus regius) fumés: de la caractérisation nutritionnelle au consumer test.	2016	Messina, C.; Randazzo, M.; Manuguerra, S.; Morghese, M.; Renda, G.; Arena, R.; Gharbi, S.; LA BARBERA, L.; Fortino, G.; Sadok, S.; Santulli, A.	BULLETIN DE L'INSTITUT NATIONAL DES SCIENCES ET TECHNOLOGIES DE LA MER	43 (numéro spécial)	43	49
269333	10447/221972	Drawing the Line at Neglected Marine Ecosystems: Ecology of Vermetid Reefs in a Changing Ocean	2016	Milazzo, M.; Fine, M.; La Marca, E.; Alessi, C.; Chemello, R.				
274824	10447/226903	Early detection of volcanic hazard by lidar measurement of carbon dioxide	2016	Fiorani, L.; Santoro, S.; Parracino, S.; Maio, G.; Nuvoli, M.; Aiuppa, A.	NATURAL HAZARDS	83	21	29

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246555	10447/200913	Effect of the biopolymer charge and the nanoclay morphology on nanocomposite materials	2016	Bertolino, V.; Cavallaro, G.; Lazzara, G.; Merli, M.; Milioto, S.; Parisi, F.; Sciascia, L.	INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH	55	7373	7380
253239	10447/207186	Effects of ocean acidification on embryonic respiration and development of a temperate wrasse living along a natural CO2 gradient	2016	Cattano, C.; Giomi, F.; Milazzo, M.	CONSERVATION PHYSIOLOGY	4		
193013	10447/150496	Effects of temperature on total phenolic compounds in <i>Cystoseira amentacea</i> (C. Agardh) Bory (Fucales, Phaeophyceae) from southern Mediterranean Sea	2016	Mannino, A.; Vaglica, V.; Cammarata, M.; Oddo, E.	PLANT BIOSYSTEMS	150	152	160
254236	10447/227795	Elaboración de modelos 3D de diferentes morfologías y escalas utilizando técnicas Structure-from-Motion y fotografías terrestres	2016	Gómez Gutiérrez, Á.; Schnabel, S.; Conoscenti, C.; CARABALLO ARIAS, N.; Ferro, V.; DI STEFANO, C.; Blasco Sanjosé, J.; Angileri, S.; de Matías, J.; Berenguer Sempere, F.	CUATERNARIO Y GEOMORFOLOGÍA	30	23	35
268905	10447/221573	Electrical resistivity and induced polarization tomographies to test the efficiency and safety of the new landfill of Bellolampo (Palermo, Italy)	2016	Martorana, R.; Capizzi, P.; D'Alessandro, A.; Luzio, D.	BOLLETTINO DI GEOFISICA TEORICA E APPLICATA	57	313	327
206224	10447/162530	Electrospray Ion Mobility Mass Spectrometry of positively and negatively charged (1R,2S)-Dodecyl(2-hydroxy-1-methyl-2-phenylethyl)dimethylammonium bromide aggregates	2016	Indelicato, S.; Bongiorno, D.; Ceraulo, L.; Calabrese, V.; Piazzese, D.; Napoli, A.; Mazzotti, F.; Avellone, G.; DI STEFANO, V.; TURCO LIVERI, V.	RAPID COMMUNICATIONS IN MASS SPECTROMETRY	30	230	238
271023	10447/223498	Entella. Manufatti in pietra tenera di epoca medievale. Primi risultati da un approccio multidisciplinare	2016	Corretti, A.; GASPARO MORTICELLI, M.; Lucejco, J.; Mangiaracina, C.; Montana, G.; Ribechina, E.; Colombini, M.	ANNALI DELLA SCUOLA NORMALE SUPERIORE DI PISA. CLASSE DI LETTERE E FILOSOFIA	8	58	78
245026	10447/199463	ERT and IPT surveys to check the integrity of the geomembrane in the landfill of Bellolampo (Palermo, Italy)	2016	Martorana, R.; Capizzi, P.; D'Alessandro, A.; Luzio, D.				
265433	10447/218696	ESPERIMENTO DI SIMULAZIONE DELLA FORMAZIONE DEI RILL A SCALA DI PARCELLA	2016	DI STEFANO, C.; Ferro, V.; Palmeri, V.; Pampalone, V.			409	420
265598	10447/218841	Establishing soil loss tolerance: an overview	2016	Di Stefano, C.; Ferro, V.	JOURNAL OF AGRICULTURAL ENGINEERING	47	127	133
265473	10447/218738	Estimating rainfall erosivity by aggregated drop size distributions	2016	Carollo, F.; Ferro, V.; Serio, M.	HYDROLOGICAL PROCESSES	30	2119	2128
243534	10447/198012	Estudio Hidrogeoquímico De Las Áreas Termales Del Complejo Volcánico Copahue-Caviahue	2016	Gaviria, R.; Agosto, M.; Trinelli, M.; Caselli, A.; Alfonso, M.; Calabrese, S.	REVISTA DE LA ASOCIACIÓN GEOLÓGICA ARGENTINA	73	256	269

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291938	10447/243052	Eustatic and oceanographic control on sedimentary evolution of middle-late Quaternary shelf margin-to-upper slope deposits on the Egadi Islands offshore (Italy)	2016	Agate, M.; Sprovieri, M.; Passaro, S.; Tamburrino, S.; Sulli, A.; Vallefucio, M.; Giaramita, L.; Placenti, F.; Polizzi, S.; Lo Iacono, C.; Incarbona, A	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40		
222961	10447/178839	Evaluation and comparison of trace metals accumulation in different tissues of potential bioindicator organisms: Macrobenthic filter feeders <i>Styela plicata</i> , <i>sabella spallanzanii</i> and <i>Mytilus galloprovincialis</i>	2016	Bellante, A.; Piazzese, D.; Cataldo, S.; Parisi, M.; Cammarata, M.	ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY	35	3062	3070
255140	10447/208983	Evidence of cytotoxic activity against mammalian red blood cell of Na ⁺ channel neurotoxin (AE1) from sea anemone (<i>actinia equina</i>)	2016	Parisi, M.; Trapani, M.; Cardinale, L.; Cammarata, M.	INVERTEBRATE SURVIVAL JOURNAL	13	309	314
222957	10447/178835	Evolution and Immune Function of Fish Lectins	2016	Cammarata, M.; Parisi, M.; Gerardo, V.		"Lessons in Immunity: From Single-cell Organisms to Mammals , 1st Edition"		
291980	10447/243091	Evoluzione di sistemi deposizionali di piattaforma continentale durante il Pleistocene superiore - Olocene: analisi sedimentologica di due carote prelevate nel Mar Tirreno Meridionale	2016	Gabriele, L.; Agate, M.; Incarbona, A.; Sprovieri, M.; Oliveri, E.; Giaramita, L.; Sulli, A.				
254382	10447/208257	Exploiting Maximum Entropy method and ASTER data for assessing debris flow and debris slide susceptibility for the Giampilieri catchment (north-eastern Sicily, Italy)	2016	Lombardo, L.; Bachofer, F.; Cama, M.; Märker, M.; Rotigliano, E.	EARTH SURFACE PROCESSES AND LANDFORMS	41	1776	1789
212507	10447/168555	Exploring relationships between grid cell size and accuracy for debris-flow susceptibility models: a test in the Giampilieri catchment (Sicily, Italy)	2016	Cama, M.; Conoscenti, C.; Lombardo, L.; Rotigliano, E.	ENVIRONMENTAL EARTH SCIENCES	75	1	21
222411	10447/178313	Exploring the effect of absence selection on landslide susceptibility models: A case study in Sicily, Italy	2016	Conoscenti, C.; Rotigliano, E.; Cama, M.; Caraballo-Arias, N.; Lombardo, L.; Agnesi, V.	GEOMORPHOLOGY	261	222	235

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271266	10447/223709	Extensive backthrusting features in the northern Sicily continental margin highlight a late collisional stage of the Sicilian Fold and Thrust Belt	2016	Sulli, A.; Gasparo Morticelli, M.; Agate, M.; Basilone, L.; Albanese, C	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40	202	202
301281	10447/251550	Feeding preferences of <i>Paracentrotus lividus</i> exposed to native and non-native macroalgae	2016	Noè, S.; Badalamenti, F.; Ficano, G.; Bonaviri, C.; i. Musco, L.; Fernández, T.; V, ; Vizzini, S.; Gianguzza, P.				
246634	10447/200985	First gas flux measurements of conduit permeability decrease prior to Strombolian eruption at Stromboli volcano (Italy)	2016	Tamburello, G.; Aiuppa, A.; Lo Coco, E.; Delle Donne, D.; Ripepe, M.; Bitetto, M.; D'Aleo, R.				
275360	10447/227416	Fish functional traits are affected by hydrodynamics at small spatial scale	2016	Bracciali, C.; Guzzo, G.; Giacomina, C.; Dean, J.; Sara', G.	MARINE ENVIRONMENTAL RESEARCH	113	116	123
274837	10447/226916	Five key attributes can increase marine protected areas performance for small-scale fisheries management	2016	Di Franco, A.; Thiriet, P.; Di Carlo, G.; Dimitriadis, C.; Francour, P.; Gutiérrez, N.; Jedy De Grissac, A.; Koutsoubas, D.; Milazzo, M.; Otero, M.; Piante, C.; Plass-Johnson, J.; Sainz-Trapaga, S.; Santarossa, L.; Tudela, S.; Guidetti, P.	SCIENTIFIC REPORTS	6	1	9
349946	10447/297185	Fluid escape structures in the Graham Bank region (Sicily Channel, Central Mediterranean) revealing volcanic and neotectonic activity	2016	Spatola, D.; Pennino, V.; Basilone, L.; Interbartolo, F.; Micallef, A.; Sulli, A.; Walter Basilone, A.			1	1
292553	10447/243625	Foreland Basin System Evolution along the Sicilian Fold and Thrust Belt	2016	Sulli, A.; GASPARO MORTICELLI, M.; Agate, M.; Basilone, L.			96	107
213624	10447/169784	From Cnidarian immunobiology to cultural heritage applications	2016	Trapani, M.; Parisi, M.; Parrinello, D.; Sanfratello, M.; Benenati, G.; Barresi, G.; Palla, F.; Cammarata, M.		ISJ 13: 44-55, 2016		
348050	10447/295423	From land to sea: multi-scale and multi-resolution analysis of active deformation and seismogenic sources around the coasts of Southern Italy	2016	Ferranti, L.; Monaco, C.; Pepe, F.; Sacchi, M.; Burrato, P.; Dardanelli, G.; Gasperini, L.; Mattia, M.; Molisso, F.; Passaro, S.; Polonia, A.; Solaro, G.; Barreca, G.; Corradino, M.; Cultrera, F.; Meccariello, M.; Napoli, G.		41		
187641	10447/144939	FROM SLOPE MORPHOMETRY TO MORPHOGENETIC PROCESSES: AN INTEGRATED APPROACH OF FIELD SURVEY, GIS MORPHOMETRIC ANALYSIS AND STATISTICS IN ITALIAN BADLANDS	2016	Cappadonia, C.; Coco, L.; Buccolini, M.; Rotigliano, E.	LAND DEGRADATION & DEVELOPMENT	27	851	862

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246626	10447/200977	Gas mass derived by infrasound and UV cameras: Implications for mass flow rate	2016	DELLE DONNE, D.; Ripepe, M.; Lacanna, G.; Tamburello, G.; Bitetto, M.; Aiuppa, A.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	325	169	178
238428	10447/193152	Gender as a key factor in trace metal and metalloid content of human scalp hair. A multi-site study	2016	Tamburo, E.; Varrica, D.; Dongarrà, G.	SCIENCE OF THE TOTAL ENVIRONMENT	573	996	1002
292133	10447/243210	Genetic models of poljes in Sicily	2016	DI MAGGIO, C.; Madonia, G.; Vattano, M.; De Waele, J.		18		
227559	10447/183054	Geochemical characterisation of gases along the dead sea rift: Evidences of mantle-co2 degassing	2016	Inguaggiato, C.; Censi, P.; D'Alessandro, W.; Zuddas, P.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	320	50	57
353460	10447/300512	GEOCHEMISTRY OF THE GAS MANIFESTATIONS OF GREECE: METHANE AND LIGHT HYDROCARBONS	2016	Daskalopoulou, K.; D'Alessandro, W.; Cabassi, J.; Calabrese, S.; Fiebig, J.; Grassa, F.; Kyriakopoulos, K.; Parello, F.; Tassi, F.				
212099	10447/168168	Geology of Monte Gallo (Palermo Mts, NW Sicily)	2016	Basilone, L.; Di Maggio, C	JOURNAL OF MAPS	12	1072	1083
271272	10447/223715	Geology of the Kumeta-Pizzuta ridges (NW Sicily)	2016	Gasparo Morticelli, M.; Avellone, G.; Sulli, A.; Agate, M.; Basilone, L.; Catalano, R.; Pierini, S.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40	571	571
245039	10447/199470	Geomorphological and Geophysical Investigations to Study the Landslide Affecting the Archaeological Site of Abakainon	2016	Bottari, C.; Capizzi, P.; D'Alessandro, A.; D'Anna, R.; Doumaz, F.; Martorana, R.; Moro, M.; Rossi, M.; Saroli, M.; Speciale, S.				
348470	10447/295796	Geophysical investigations along the Tyrrhenian shore of Calabria	2016	Orecchio B., De Ritis R., Pepe F., Corradino M., Neri G., Presti D., Sacchi M. & Totaro C.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40		
249426	10447/203670	Geophysical prospection of the Roman city of Pollentia, Alcúdia (Mallorca, Balearic Islands, Spain)	2016	Ranieri, G.; Godio, A.; Loddo, F.; Stocco, S.; Casas, A.; Capizzi, P.; Messina, P.; Orfila, M.; Cau, M.; Chávez, M.	JOURNAL OF APPLIED GEOPHYSICS	134	125	135
253944	10447/207857	Gonadal sexual differentiation of European sea bass (<i>Dicentrarchus labrax</i> , L. 1758) of fingerlings in different size classes	2016	Guerrera, M.; Arfuso, F.; Rizzo, M.; Saoca, C.; Fazio, F.; Fortino, G.; Santulli, A.; Piccione, G.	MARINE AND FRESHWATER BEHAVIOUR AND PHYSIOLOGY	49	347	354

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275061	10447/227125	Gradual caldera collapse at Bárðarbunga volcano, Iceland, regulated by lateral magma outflow	2016	Gudmundsson, M.; Jónsdóttir, K.; Hooper, A.; Holohan, E.; Halldórsson, S.; Ófeigsson, B.; Cesca, S.; Vogfjörð, K.; Sigmundsson, F.; Högnadóttir, T.; Einarsson, P.; Sigmarsson, O.; Jarosch, A.; Jónasson, K.; Magnússon, E.; Hreinsdóttir, S.; Bagnardi, M.; Parks, M.; Hjörleifsdóttir, V.; Pálsson, F.; Walter, T.; Schöpfer, M.; Heimann, S.; Reynolds, H.; Dumont, S.; Bali, E.; Gudfinnsson, G.; Dahm, T.; Roberts, M.; Hensch, M.; Belart, J.; Spaans, K.; Jakobsson, S.; Gudmundsson, G.; Fridriksdóttir, H.; Drouin, V.; Dürig, T.; Adalgeirsdóttir, G.; Riishuus, M.; Pedersen, G.; Van Boeckel, T.; Oddsson, B.; Pfeffer, M.; Barsotti, S.; Bergsson, B.; Donovan, A.; Burton, M.; Aiuppa, A.	SCIENCE	353	aaf8988-1	aaf8988-8
223711	10447/179412	Guano-derived nutrient subsidies drive food web structure in coastal ponds	2016	Vizzini, S.; Signa, G.; Mazzola, A.	PLOS ONE	11	e0151018	
301094	10447/251517	Habitat effect on distribution and feeding of <i>Ophidiaster ophidianus</i> (Lmk.) (Asteroidea)	2016	Di Trapani, F.; Bonaviri, C.; Galasso, N.; Agnetta, D.; Badalamenti, F.; Ficano, G.; Vizzini, S.; Gianguzza, P.				
292180	10447/243250	Habitat mapping of VMEs along the inner shelf regions of the south-western Tyrrhenian margin (southern Mediterranean): a geo-statistical predictive approach	2016	Zizzo, E.; Sulli, A.; Agate, M.; Lo Iacono, C.			154	154
353560	10447/300586	Hazard connected to endogenous gas emissions in Greece	2016	D'Alessandro, W.; Kyriakopoulos, K.; Daskalopoulou, K.; Calabrese, S.				
348403	10447/295736	HIGH-RESOLUTION SEISMIC SURVEY IN THE WESTERN CALABRIA AND EASTERN SICILY OFFSHORE: IMPLICATIONS WITH VERTICAL TECTONICS	2016	Barreca, G.; Corradino, M.; Cultrera, F.; Meccariello, M.; Ferranti, L.; Monaco, C.; Pepe, F.				
243552	10447/198023	Hydrogen sulfide measurements in air by passive/diffusive samplers and high-frequency analyzer: A critical comparison	2016	Venturi, S.; Cabassi, J.; Tassi, F.; Capecciacci, F.; Vaselli, O.; Bellomo, S.; Calabrese, S.; D'Alessandro, W.	APPLIED GEOCHEMISTRY	72	51	58

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353694	10447/300731	Hydrothermal fluid flow structures at Solfatara volcano, Somma-Vesuvius volcanic complex and Mt. Etna.	2016	Ricci, T.; Gresse, M.; Vandemeulebrouck, J.; Finizola, A.; Byrdina, S.; Chiodini, G.; Johnson, T.; Lebourg, T.; Gazoty, A.; Bascou, P.; Grangeon, J.; Romeyer, O.; Roux, P.; Letort, J.; Mangiacapra, A.; Petrillo, Z.; Siniscalchi, A.; Vilardo, G.; Delcher, E.; Peltier, A.; Antoine, R.; Poret and Vesuvius 2014 and Etna 2015 ERT Team: Julien Bernard, M.; Brothelande, E.; Fanizza, G.; Fargier, Y.; Fauchard, C.; Foucart, B.; Gailler, L.; Gueguen, E.; Gusset, R.; Lazarte Zerpa, I.; Martin, E.; Matera, A.; Mezon, C.; Portal, A.; Rossi, M.; Boudoire, G.; Calamita, G.; Neri, M.; Piscitelli, S.; Rizzo, E.; Sciarra, A.; Calabrese, S.; Bellucci Sessa, E.; Nave, R.				
269275	10447/221917	Hydrothermal fluid venting in the offshore sector of Campi Flegrei caldera: A geochemical, geophysical, and volcanological study	2016	DI NAPOLI, R.; Aiuppa, A.; Sulli, A.; Caliro, S.; Chiodini, G.; Acocella, V.; Ciruolo, G.; Di Vito, M.; Interbartolo, F.; Nasello, C.; Valenza, M.	GEOCHEMISTRY, GEOPHYSICS, GEOSYSTEMS	17	4153	4178
284438	10447/236048	I pantani di Anguillara (Calatafimi Segesta, Trapani): dati preliminari sulla biodiversità a supporto della tutela del biotopo	2016	Troia, A.; Adragna, F.; Campisi, P.; Campo, G.; Dia, M.; Ilardi, V.; LA MANTIA, T.; LA ROSA, A.; LO VALVO, M.; Muscarella, C.; Pasta, S.; Pieri, V.; Scuderi, L.; Sparacio, I.; Stoch, F.; Marrone, F.	NATURALISTA SICILIANO	40	171	200
249907	10447/204329	Il Tecnezio: storia, usi e applicazioni.	2016	Smeraldi, T.; LA GRUTTA, L.; Calabrese, S.; AGLIOLO GALLITTO, A.; Lagalla, R.; Midiri, M.			440	440
265446	10447/218708	IMPIEGO DEL CONTENUTO IDRICO DEL SUOLO E DEL DEFLUSSO SUPERFICIALE PER LA STIMA DELLA PERDITA DI SUOLO PARCELLARE A SCALA DI EVENTO	2016	Todisco, F.; Vergni, L.; Mannocchi, F.; Termite, L.; Bagarello, V.; Ferro, V.; Pampalone, V.; Brocca, L.; Massari, C.			453	462
269337	10447/221976	Implication of the biofilm ageing for the settlement of the vermetid gastropod <i>Dendropoma cristatum</i> (Biondi 1857)	2016	La Marca, E.; Milazzo, M.; Quatrini, P.; Catania, V.; Lopresti, F.; Scaffaro, R.; Chemello, R.				
444819	10447/386795	In vitro modulation of cytokines by pathogens and probiotics on the skin of Gilthead Seabream (<i>Sparus aurata</i>)	2016	Cordero, H.; Mauro, M.; Ceballos-Francisco, D.; Cuesta, A.; Cammarata, M.; Esteban, M.				

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247202	10447/201517	In vitro cytokine profile revealed differences from dorsal and ventral skin susceptibility to pathogen-probiotic interaction in gilthead seabream	2016	Cordero, H.; Mauro, M.; Cuesta, A.; Cammarata, M.; Esteban, M.	FISH AND SHELLFISH IMMUNOLOGY	56	188	191
253233	10447/207177	Individual and population-level responses to ocean acidification	2016	Harvey, B.; Mckeown, N.; Rastrick, S.; Bertolini, C.; Foggo, A.; Graham, H.; Hall Spencer, J.; Milazzo, M.; Shaw, P.; Small, D.; Moore, P.	SCIENTIFIC REPORTS	6		
258008	10447/211735	Inflammatory Response of the Ascidian <i>Ciona intestinalis</i>	2016	Parrinello, N.; Cammarata, M.; Parrinello, D.; Vizzini, A.			177	192
222950	10447/178812	Integrating facies and structural analyses with subsidence history in a Jurassic-Cretaceous intraplatfrom basin: Outcome for paleogeography of the Panormide Southern Tethyan margin (NW Sicily, Italy)	2016	Basilone, L.; Sulli, A.; Gasparo Morticelli, M.	SEDIMENTARY GEOLOGY	339	258	272
301271	10447/251539	Integrity of predator assemblages controls the abundance of the alien crab <i>Percnon gibbesi</i>	2016	Noè, S.; Gianguzza, P.; Badalamenti, F.; Vizzini, S.; Di Trapani, F.; Bonaviri, C.				
222967	10447/178852	Ionic liquid crystals based on viologen dimers: tuning the mesomorphism by varying the conformational freedom of the ionic layer	2016	Casella, G.; Causin, V.; Rastrelli, F.; Saielli, G.	LIQUID CRYSTALS	0	1	13
335706	10447/284297	Le pavimentazioni musive di Piazza Sett'Angeli - Palermo. Caratterizzazione mineralogico-petrografica dei materiali litoidi (tessere e malte di alletamento).	2016	Di Stefano, C.; Giarrusso, R.; Montana, G.; Mulone, A.			37	46
223410	10447/179972	Le ricerche archeometriche: la caratterizzazione delle produzioni di anfore punico-siciliane	2016	Bechtold, B.; Montana, G.; Randazzo, L.; Schmidt, K.		9	118	146
302052	10447/252257	Lessons in Immunity: From Single-cell Organisms to Mammals	2016	Ballarin, L.; Cammarata, M.				
380635	10447/327086	L'impact méconnu des chauves-souris et du guano dans l'évolution morphologique tardive des cavernes	2016	Audra, P.; Barriquand, L.; Yves Bigot, J.; Cailhol, D.; Caillaud, H.; Vanara, N.; Claude Nobécourt, J.; Madonia, G.; Vattano, M.; Renda, M.	KARSTOLOGIA	68	1	20
275356	10447/227412	Local consumers are the first line to control biological invasions: a case of study with the whelk <i>Stramonita haemastoma</i> (Gastropoda: Muricidae)	2016	Giacoletti, A.; Rinaldi, A.; Mercurio, M.; Mirto, S.; Sara', G.	HYDROBIOLOGIA	772	117	129
275280	10447/227388	Low temperature trumps high food availability to determine the distribution of intertidal mussels <i>Perna perna</i> in South Africa	2016	Tagliarolo, M.; Montalto, V.; Sara', G.; Lathlean, J.; Mcquaid, C.	MARINE ECOLOGY PROGRESS SERIES	558	51	63

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208972	10447/165133	Lower mantle hydrogen partitioning between periclase and perovskite: A quantum chemical modelling	2016	Merli, M.; Bonadiman, C.; Diella, V.; Pavese, A.	GEOCHIMICA ET COSMOCHIMICA ACTA	173	304	318
241922	10447/196553	LPS injection reprograms the expression and the 3'UTR of a CAP gene by alternative polyadenylation and the formation of a GAIT element in Ciona intestinalis	2016	Vizzini, A.; Bonura, A.; Longo, V.; Sanfratello, M.; Parrinello, D.; Cammarata, M.; Colombo, P.	MOLECULAR IMMUNOLOGY	77	174	183
274820	10447/226899	Magmas near the critical degassing pressure drive volcanic unrest towards a critical state	2016	Chiodini, G.; Paonita, A.; Aiuppa, A.; Costa, A.; Caliro, S.; De Martino, P.; Acocella, V.; Vandemeulebrouck, J.	NATURE COMMUNICATIONS	7		
354241	10447/243248.2	Mapping tectonics: a key element in submarine geological events and probabilities assessment	2016	Agate, M.; Battaglini, L.; Busetti, M.; D'Angelo, S.; Fiorentino, A.; Loreto, M.; Morelli, D.; Muraro, C.; Volpi, V.				
265398	10447/218664	MEASURING FIELD RILL ERODIBILITY BY A SIMPLIFIED METHOD	2016	DI STEFANO, C.; Ferro, V.; Pampalone, V.	LAND DEGRADATION & DEVELOPMENT	27	239	247
270425	10447/222962	Mediterranean circulation perturbations over the last five centuries: Relevance to past Eastern Mediterranean Transient-type events	2016	Incarbona, A; Martrat, B; Mortyn, P.G; Sprovieri, M; Ziveri, P; Gogou, A; Jordà, G; Xoplaki, E; Luterbacher, J; Langone, L; Marino, G; Rodríguez Sanz, L; Triantaphyllou, M; Di Stefano, E; Grimalt, J.O; Tranchida, G; Sprovieri, R; Mazzola, S	SCIENTIFIC REPORTS	6		
286292	10447/237779	Mediterranean record of Eulalia ornata (Annelida: Phyllodocidae) corroborating its fidelity link with the Sabellaria alveolata reef habitat	2016	Schimmenti, E.; Musco, L.; LO BRUTTO, S.; Mikac, B.; Nygren, A.; Badalamenti, F.	MEDITERRANEAN MARINE SCIENCE	17	359	370
237423	10447/192173	Melt inclusions constrain S behaviour and redox conditions in Etean magmas	2016	Gennaro, M.; Iacono MARziano, G.; Rizzo, A.; Paonita, A.; Liotta, M.; Pichavant, M.; Martel, C.; Rotolo, S.				
353521	10447/300523	MOBILITY OF MERCURY IN THE VOLCANIC/GEOTHERMAL AREA OF NISYROS (GREECE)	2016	Gagliano, A.; Calabrese, S.; Daskalopoulou, K.; Cabassi, J.; Capecchiacci, F.; Tassi, F.; Bonsignore, M.; Sprovieri, M.; Kyriakopoulos, K.; Bellomo, S.; Brusca, L.; D'Alessandro, W.				
248292	10447/202587	Moisture absorption, thermal conductivity and noise mitigation of clay based plasters: The influence of mineralogical and textural characteristics	2016	Randazzo, L.; Montana, G.; Hein, A.; Castiglia, A.; Rodono', G.; Donato, D.	APPLIED CLAY SCIENCE	132-133	498	507
292139	10447/243214	Morphology and evolution of sulphuric acid caves in South Italy	2016	D'Angeli, I.; De Waele, J.; Galdenzi, S.; Madonia, G.; Parise, M.; Vattano, M.				

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254235	10447/208136	Morphometric and hydraulic geometry assessment of a gully in SW Spain	2016	CARABALLO ARIAS, N.; Conoscenti, C.; DI STEFANO, C.; Ferro, V.; Gómez Gutiérrez, A.	GEOMORPHOLOGY	274	143	151
275483	10447/232004	Mount Etna volcano (Italy) as a major "dust" point source in the Mediterranean area	2016	Calabrese, S.; Randazzo, L.; Daskalopoulou, K.; Milazzo, S.; Scaglione, S.; Vizzini, S.; Tramati, C.; D'Alessandro, W.; Brusca, L.; Bellomo, S.; Giuffrida, G.; Pecoraino, G.; Montana, G.; Salerno, G.; Giammanco, S.; Caltabiano, T.; Parello, F.	ARABIAN JOURNAL OF GEOSCIENCES	9	219	230
348478	10447/295804	Multiscale integrated approach to understand the structure and evolution of the Neapolitan Yellow Tuff (NYT) caldera off the Campi Flegrei, eastern Tyrrhenian margin	2016	Sacchi M., Caccavale M., Carlino S., Corradino M., Darányi V., De Natale G., Insinga D., Matano F., Molisso F., Passaro S., Pepe F., Somma R., Spiess V., Steinmann L. & Troise C.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40		
245992	10447/200386	Mystemys giganteus n. gen. et sp.: an enigmatic and rare cricetid from the Terre Rosse M013 fissure filling (Gargano, Southeastern Italy).	2016	Savorelli, A.; Masini, F.	PALAEONTOGRAPHICA ABTEILUNG A PALÄOZOOLOGIE, STRATIGRAPHIE	306	1	23
259669	10447/213311	Near surface seismostratigraphic modelling of the Bandita plain in Palermo town (Italy) from integrated analysis of HVSR and stratigraphic data	2016	Martorana, R.; Agate, M.; Capizzi, P.; Cavera, F.; D'Alessandro, A.			560	563
265394	10447/218662	New Stage-Discharge Equation for the SMBF Flume	2016	Carollo, F.; DI STEFANO, C.; Ferro, V.; Pampalone, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	142		
265604	10447/218847	New theoretical solution of the outflow process with a weir with complex shape	2016	DI STEFANO, C.; Ferro, V.; Bijankhan, M.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING			
275428	10447/227499	Observations on the postcranial anatomy of <i>Hoplitomeryx</i> (Mammalia, Ruminantia, Hoplitomerycidae) from the Miocene of the Apulia Platform (Italy)	2016	Mazza, P.; Rossi, M.; Rustioni, M.; Agostini, S.; Masini, F.; Savorelli, A.	PALAEONTOGRAPHICA ABTEILUNG A PALÄOZOOLOGIE, STRATIGRAPHIE	307	105	147
253199	10447/207148	Ocean acidification affects fish spawning but not paternity at CO2 seeps	2016	Milazzo, M.; Cattano, C.; Alonzo, S.; Foggo, A.; Gristina, M.; Rodolfo-Metalpa, R.; Sinopoli, M.; Spatafora, D.; Stiver, K.; Hall-Spencer, J.	PROCEEDINGS - ROYAL SOCIETY. BIOLOGICAL SCIENCES	283	1	7
495993	10447/432497	Organic enrichment effects on a marine meiofauna community, with focus on Kinorhyncha	2016	Dal Zotto M.; Santulli A.; Simonini R.; Todaro M.A.	ZOOLOGISCHER ANZEIGER	265	127	140

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271274	10447/223717	ORIGIN AND EVOLUTION OF THE MESSINIAN BASINS DEVELOPED ON TOP OF THE SICILIAN FOLD AND THRUST BELT	2016	Sulli, A.; GASPARO MORTICELLI, M.; Agate, M.; Basilone, L.; Gorini, C.			29	30
225444	10447/181025	Origin of primitive ultra-calcic arc melts at crustal conditions - Experimental evidence on the La Sommata basalt, Vulcano, Aeolian Islands	2016	Lanzo, G.; Di Carlo, I.; Pichavant, M.; Rotolo, S.; Scaillet, B.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	321	85	101
278106	10447/231719	Osservazioni sugli endofiti fungini in Posidonia oceanica	2016	Piazza, G.; Torta, L.; Conigliaro, G.; Pirrotta, M.; Tomasello, A.; Calvo, S.; Burruano, S.			15	15
221771	10447/177653	Penalized linear discriminant analysis and Discrete AdaBoost to distinguish human hair metal profiles: The case of adolescents residing near Mt. Etna	2016	Abbruzzo, A.; Tamburo, E.; Varrica, D.; Dongarrà, G.; Mineo, A.	CHEMOSPHERE	153	100	106
348474	10447/295800	Plio-Quaternary tectono-stratigraphic evolution of the Paola fore-arc basin (western Calabria continental margin): Insight from high-resolution seismic reflection data	2016	Pepe F., Nicolich R., Barreca G., Bertotti G., Corradino M., Ferranti L. & Monaco C.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40		
243603	10447/198069	Plume composition changes during the birth of a new lava lake - Nyamulagira volcano, DR Congo	2016	Bobrowski, N.; Giuffrida, G.; Calabrese, S.; Scaglione, S.; Yalire, M.; Liotta, M.; Brusca, L.; Arellano, S.; Rüdiger, J.; Galle, B.; Castro, J.; Tedesco, D.	GEOPHYSICAL RESEARCH ABSTRACTS	18	10085	10085
221671	10447/177540	Polyphenols from halophytes and modified atmosphere packaging improve sensorial and biochemical markers of quality of common dolphinfish (<i>Coryphaena hippurus</i>) filets	2016	Messina, C.; Bono, G.; Arena, R.; Randazzo, M.; Manuguerra, S.; Santulli, A.	FOOD SCIENCE & NUTRITION	4	723	732
275337	10447/227398	Predicting common bottlenose dolphin habitat preference to dynamically adapt management measures from a Marine Spatial Planning perspective	2016	La Manna, G.; Ronchetti, F.; Sara', G.	OCEAN & COASTAL MANAGEMENT	130	317	327
243599	10447/198067	Preliminary results of systematic sampling of gas manifestations in geodynamically active areas of Greece	2016	Daskalopoulou, K.; D'Alessandro, W.; Calabrese, S.; Kyriakopoulos, K.			11906	11906
246558	10447/200916	Preparation and characterization of bio-organoclays using nonionic surfactant	2016	Calabrese, I.; Cavallaro, G.; Lazzara, G.; Merli, M.; Sciascia, L.; Turco Liveri, M.	ADSORPTION	22	105	116
278458	10447/230374	Processi paleocarsici e geositi: il caso del "libeccio antico" nel distretto marmifero di Custonaci, Sicilia nord-occidentale	2016	DI STEFANO, P.; Todaro, S.; Zarcone, G.				

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275051	10447/227115	Prodigious emission rates and magma degassing budget of major, trace and radioactive volatile species from Ambrym basaltic volcano, Vanuatu island Arc	2016	Allard, P.; Aiuppa, A.; Bani, P.; Métrich, N.; Bertagnini, A.; Gauthier, P.; Shinohara, H.; Sawyer, G.; Parello, F.; Bagnato, E.; Pelletier, B.; Garaebiti, E.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	322	119	143
414317	10447/355915.5	Production d'hamburger de filet de dorade (<i>Sparus aurata</i>) d'élevage: caractérisation nutritionnelle et sensorielle au cours du shelf-life	2016	Messina, C.; Manuguerra, S.; Morghese, M.; Arena, R.; Gharbi, S.; Fortino, G.; LA BARBERA, L.; Sadok, S.; Santulli, A.	BULLETIN DE L'INSTITUT NATIONAL DES SCIENCES ET TECHNOLOGIES DE LA MER	43	37	42
219751	10447/175712	Production technology of early-Hellenistic lime-based mortars from a Punic-Roman residential area at Palermo (Sicily)	2016	Montana, G.; Randazzo, L.; Cerniglia, R.; Spatafora, F.; Aleo Nero, C.			99	99
250862	10447/204953	Production technology of early-hellenistic lime-based mortars originating from a punic-Roman residential area in palermo (sicily)	2016	Montana, G.; Randazzo, L.; Cerniglia, MR; Aleo Nero, C; Spatafora, F	INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE	7	797	812
280861	10447/232639	Profiling microbial communities in hyperalkaline waters of the Kizildag ophiolite complex (Turkey).	2016	Quatrini, P.; Tagliavia, M.; Gagliano, A.; Yuce, G.; D'Alessandro, W.			45	46
451216	10447/392447	Propagule dispersal and larval patch cohesiveness in a Mediterranean coastal fish	2016	Calo, A.; Di Franco, A.; De Benedetto, G.; Pennetta, A.; Perez-Ruzafa, A.; Garcia-Charton, J.	MARINE ECOLOGY PROGRESS SERIES	544	213	224
270547	10447/223059	Quantifying OAE2 marine oxygen levels from coupled Mo and U isotopes: A Tethyan perspective.	2016	Silva, T.; Scopelliti, G.; G., C.				
216311	10447/172892	Reaction path models of magmatic gas scrubbing	2016	DI NAPOLI, R.; Aiuppa, A.; Bergsson, B.; Ilyinskaya, E.; Pfeffer, M.; Guðjónsdóttir, S.; Valenza, M.	CHEMICAL GEOLOGY	420	251	269
253205	10447/207174	Recruitment patterns in an intertidal species with low dispersal ability: the reef-building <i>Dendropoma cristatum</i> (Biondi, 1859) (Mollusca: Gastropoda)	2016	Franzitta, G.; Capruzzi, E.; La Marca, E.; Milazzo, M.; Chemello, R.	THE ITALIAN JOURNAL OF ZOOLOGY	83	400	407
290295	10447/241553	Reference growth charts for assessing growth performance of <i>Posidonia oceanica</i> (L.) Delile	2016	TOMASELLO, A; PIRROTTA, M; SCIANDRA, M; MUGGEO VMR; CALVO S.,			161	161
241131	10447/195785	Reference growth charts for <i>Posidonia oceanica</i> seagrass: An effective tool for assessing growth performance by age and depth	2016	Tomasello, A.; Sciandra, M.; Muggeo, V.; Pirrotta, M.; Di Maida, G.; Calvo, S.	ECOLOGICAL INDICATORS	69	50	58
269341	10447/221980	REMOTELY PILOTED AIRCRAFT SYSTEMS (RPAS) APPLICATION FOR STRUCTURE DESCRIPTION OF MEDITERRANEAN VERMETID REEFS	2016	La Marca, E.; D'Argenio, A.; Fazio, C.; Chemello, R.				

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270191	10447/222751	Reply to the comment on "Carbonate deposition and diagenesis in evaporitic environments: The evaporative and sulphur-bearing limestones during the settlement of the Messinian Salinity Crisis in Sicily and Calabria" by Caruso et al., 2015. <i>Palaeo3</i> , 429, 136–162.	2016	Caruso, A.; Pierre, C.; Blanc Valleron, M.; Rouchy, J.	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY	459	597	605
265441	10447/218705	RILIEVO DI UN EPHEMERAL GULLY NELL'AREA SPERIMENTALE DI SPARACIA MEDIANTE UNA TECNICA FOTOGRAFICA	2016	Agnello, F.; DI STEFANO, C.; Ferro, V.; Palmeri, V.; Pampalone, V.			441	451
203137	10447/159547	Sea-land geology of Marettimo (Egadi Islands, central Mediterranean sea)	2016	Gasparo Morticelli, M; Sulli, A; Agate, M	JOURNAL OF MAPS	12	1093	1103
292158	10447/243233	Sedimentology and biostratigraphy of a peritidal succession across the Triassic/Jurassic boundary: Monte Sparagio, north western Sicily	2016	Randazzo, V.; Todaro, S.; Rigo, M.; Zarcone, G.; DI STEFANO, P.				
212369	10447/168430	Seepage carbonate mounds in Cenozoic sedimentary sequences from the Las Minas Basin, SE Spain	2016	Pozo, M.; Calvo, J.; Scopelliti, G.; González Acebrón, L.	SEDIMENTARY GEOLOGY	334	1	20
245041	10447/199472	Seismic Investigation for the Characterization of a Gravity Concrete Dam	2016	Capizzi, P.; Martorana, R.; Pirrera, C.; D'Alessandro, A.				
259685	10447/213318	Seismic tomography tests applied to a gravity dam	2016	Capizzi, P.; Martorana, R.; Pirrera, G.; D'Alessandro, A.; Bucalo, F.			543	546
245511	10447/199914	Seismically-induced soft-sediment deformation structures in Upper Triassic deepwater carbonates (Central Sicily)	2016	Basilone, L.; Sulli, A.; GASPARO MORTICELLI, M.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40	454	454
221783	10447/177665	Selection of time windows in the horizontal-to-vertical noise spectral ratio by means of cluster analysis	2016	D'Alessandro, A.; Luzio, D.; Martorana, R.; Capizzi, P.	BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA	106	560	574
275063	10447/227127	Short-period volcanic gas precursors to phreatic eruptions: Insights from Poás Volcano, Costa Rica	2016	de Moor, J.; Aiuppa, A.; Pacheco, J.; Avaró, G.; Kern, C.; Liuzzo, M.; Martínez, M.; Giudice, G.; Fischer, T.	EARTH AND PLANETARY SCIENCE LETTERS	442	218	227
275362	10447/227418	Silver Nanoparticles Affect Functional Bioenergetic Traits in the Invasive Red Sea Mussel <i>Brachidontes pharaonis</i>	2016	Saggese, I.; Sarà, G.; Dondero, F.	BIOMED RESEARCH INTERNATIONAL	2016	1	7
265600	10447/218843	Simple flume with a central baffle	2016	Ferro, V.	FLOW MEASUREMENT AND INSTRUMENTATION		53	56
239723	10447/194445	Size-dependent predation of the mesopredator <i>Marthasterias glacialis</i> (L.) (Asteroidea)	2016	Gianguzza, P.; Di Trapani, F.; Bonaviri, C.; Agnetta, D.; Vizzini, S.; Badalamenti, F.	MARINE BIOLOGY	163	65	75
225458	10447/181037	So close, so different: Geothermal flux shapes divergent soil microbial communities at neighbouring sites	2016	Gagliano, A.; Tagliavia, M.; D'Alessandro, W.; Franzetti, A.; Parello, F.; Quatrini, P.	GEOBIOLOGY	14	150	162

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243592	10447/215612	Spatial distribution of helium isotopes in volcanic gases and thermal waters along the Vanuatu (New Hebrides) volcanic arc	2016	Jean Baptiste, P.; Allard, P.; Fourré, E.; Bani, P.; Calabrese, S.; Aiuppa, A.; Gauthier, P.; Parello, F.; Pelletier, B.; Garaebiti, E.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH		20	29
451214	10447/392445	Spatial genetic structure in the saddled sea bream (<i>Oblada melanura</i> [Linnaeus, 1758]) suggests multi-scaled patterns of connectivity between protected and unprotected areas in the Western Mediterranean Sea	2016	Calo, A.; Munoz, I.; Perez-Ruzafa, A.; Vergara-Chen, C.; Garcia-Charton, J.	FISHERIES RESEARCH	176	30	38
273455	10447/225712	Spatial variability of soft-bottom macrobenthic communities in Northern Sicily (Western Mediterranean): contrasting trawled vs. untrawled areas	2016	Romano, C.; Fanelli, E.; D'Anna, G.; Pipitone, C.; Vizzini, S.; Mazzola, A.; Badalamenti, F.	MARINE ENVIRONMENTAL RESEARCH	122	113	125
246629	10447/200979	Spatially resolved SO ₂ flux emissions from Mt Etna	2016	D'Aleo, R.; Bitetto, M.; DELLE DONNE, D.; Tamburello, G.; Battaglia, A.; Coltelli, M.; Patanè, D.; Prestifilippo, M.; Sciotto, M.; Aiuppa, A.	GEOPHYSICAL RESEARCH LETTERS	43	7511	7519
212577	10447/168615	Specific inflammatory response of <i>Anemonia sulcata</i> (Cnidaria) after bacterial injection causes tissue reaction and enzymatic activity alteration	2016	Trapani, M.; Parisi, M.; Parrinello, D.; Sanfratello, M.; Benenati, G.; Palla, F.; Cammarata, M.	JOURNAL OF INVERTEBRATE PATHOLOGY	135		
264556	10447/217913	Spongy-like porosity in peritidal carbonates: An interaction of cyclic sea-level oscillations, fresh water supply and sediment texture	2016	Todaro, S; Hollis, C; Di Stefano, P	SEDIMENTARY GEOLOGY	333	70	83
273443	10447/225708	Stable isotope analysis of trophic niche in two co-occurring native and invasive terrapins, <i>Emys orbicularis</i> and <i>Trachemys scripta elegans</i>	2016	Balzani, P.; Vizzini, S.; Santini, G.; Masoni, A.; Ciofi, C.; Ricevuto, R.; Chelazzi, G.	BIOLOGICAL INVASIONS	18	3611	3621
206271	10447/165824	Study of [2-(2'-pyridyl)imidazole] complexes to confirm two main characteristic thermoanalytical behaviors of transition metal complexes based on imidazole derivatives	2016	Risoluti, R; Piazzese, D; Napoli, A; Materazzi, S	JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS	117	82	87
290306	10447/241559	Study on <i>Posidonia oceanica</i> (L.) Delile roots growing on different substrata by isto-anatomical and micro-morphological analysis	2016	Tomasello, A.; Perrone, R.; Colombo, P.; Sulli, A.; Pirrotta, M.; Calvo, S.			45	45
212708	10447/168731	Subaerial exposure and drowning processes in a carbonate platform during the Mesozoic Tethyan rifting: The case of the Jurassic succession of Western Sicily (central Mediterranean)	2016	Sulli, A.; Interbartolo, F.	SEDIMENTARY GEOLOGY	331	63	77

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271446	10447/223867	Sulfuric Acid Caves of Italy: An Overview	2016	D'Angeli, I.; De, W.; J.; Galdenzi, S.; Madonia, G.; Parise, M.; Piccini, L.; Vattano, M.			85	88
207157	10447/163417	Sulfuric acid speleogenesis (SAS) close to the water table: Examples from southern France, Austria, and Sicily	2016	De Waele, J.; Audra, P.; Madonia, G.; Vattano, M.; Plan, L.; D'Angeli, I.; Bigot, J.; Nobecourt, J.	GEOMORPHOLOGY	253	452	467
292329	10447/243397	Surface and volume non-invasive methods for the structural monitoring of the bass-relief "Madonna con Bambino" (Gorizia, Northern Italy)	2016	Alberghina, M.; Macchia, A.; Capizzi, P.; Schiavone, S.; Ruffolo, S.; Comite, V.; Barberio, M.; LA RUSSA, M.	NATURAL PRODUCT RESEARCH		1	6
292136	10447/243212	Surface denudation rate of gypsum in Sicily	2016	Madonia, G.; Vattano, M.; DI MAGGIO, C.; De Waele, J.		18		
274822	10447/226901	Sustaining persistent lava lakes: Observations from high-resolution gas measurements at Villarrica volcano, Chile	2016	Moussallam, Y.; Bani, P.; Curtis, A.; Barnie, T.; Moussallam, M.; Peters, N.; Schipper, C.; Aiuppa, A.; Giudice, G.; Amigo, Á.; Velasquez, G.; Cardona, C.	EARTH AND PLANETARY SCIENCE LETTERS	454	237	247
253446	10447/207380	Temporal fluctuations in seawater pCO ₂ may be as important as mean differences when determining physiological sensitivity in natural systems	2016	Small, D.; Milazzo, M.; Bertolini, C.; Graham, H.; Hauton, C.; Hall Spencer, J.; Rastrick, S.	ICES JOURNAL OF MARINE SCIENCE	73	604	612
275070	10447/227135	Terminal Strombolian activity at Etna's central craters during summer 2012: The most CO ₂ -rich volcanic gas ever recorded at Mount Etna	2016	Aiuppa, A.; LO COCO, E.; Liuzzo, M.; Giudice, G.; Giuffrida, G.; Moretti, R.	GEOCHEMICAL JOURNAL	50	123	138
265389	10447/218660	Testing a new sampler for measuring plot soil loss	2016	Carollo, F.; DI STEFANO, C.; Ferro, V.; Pampalone, V.; Sanzone, F.	EARTH SURFACE PROCESSES AND LANDFORMS	41(7)	867	874
265602	10447/218845	Testing the long term applicability of USLE-M equation at a olive orchard microcatchment in Spain	2016	DI STEFANO, C.; Ferro, V.; Burguet, M.; Taguas, E.	CATENA		71	79
268705	10447/225673	The Ciona intestinalis immune-related galectin genes (CiLgals-a and CiLgals-b) are expressed by the gastric epithelium	2016	Parrinello, D.; Sanfratello, M.; Vizzini, A.; Testasecca, L.; Parrinello, N.; Cammarata, M.	FISH & SHELLFISH IMMUNOLOGY			
253188	10447/207143	The impact of ocean acidification and warming on the skeletal mechanical properties of the sea urchin Paracentrotus lividus from laboratory and field observations	2016	Collard, M.; Rastrick, S.; Calosi, P.; Demolder, Y.; Dille, J.; Findlay, H.; Hall Spencer, J.; Milazzo, M.; Moulin, L.; Widdicombe, S.; Dehairs, F.; Dubois, P.	ICES JOURNAL OF MARINE SCIENCE	73	727	738
275358	10447/227414	The importance of thermal history: costs and benefits of heat exposure in a tropical, rocky shore oyster	2016	Giomi, F.; Mandaglio, C.; Ganmanee, M.; Han, G.; Dong, Y.; Williams, G.; Sara, G.	JOURNAL OF EXPERIMENTAL BIOLOGY	219	686	694

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274564	10447/226701	The marine activities performed within the TOMO-ETNA experiment	2016	Coltelli, M.; Cavallaro, D.; Carlino, M.; Cocchi, L.; Muccini, F.; D'Alessandro, A.; Claude, M.; Monaco, C.; Ibáñez, J.; Zgur, F.; Patanè, D.; Carmisciano, C.; D'Anna, G.; Gonzales, M.; Teixidó, T.; D'Anna, R.; Fertitta, G.; Passafiume, G.; Speciale, S.; Grassa, F.; Karageorgis, A.; Sormani, L.; Facchin, L.; Visnovic, G.; Cotterle, D.; Blanos, R.; Mansutti, P.; Sulli, A.; Cultrera, F.; Carrión, F.; Rapisarda, S.	ANNALS OF GEOPHYSICS	59	1	23
269339	10447/221978	The Mediterranean vermetid reefs: distribution and conservation status	2016	Chemello, R.; Franzitta, G.; La Marca, E.; Milazzo, M.				
238331	10447/193103	The nucleic acid-binding protein PcCNBP is transcriptionally regulated during the immune response in red swamp crayfish <i>Procambarus clarkii</i>	2016	Nicosia, A.; Costa, S.; Tagliavia, M.; Maggio, T.; Salamone, M.; Adamo, G.; Ragusa, M.; Bennici, C.; Masullo, T.; Mazzola, S.; Gianguzza, F.; Cuttitta, A.	CELL STRESS & CHAPERONES	21	535	546
219730	10447/175692	The production cycle of lime based plasters in the Late Roman settlement of Scauri, Island of Pantelleria (Italy)	2016	Montana, G.; Randazzo, L.; Ventura Bordenca, C.; Giarrusso, R.; Baldassari, R.; Polito, A.			81	81
195562	10447/152310	The recruitment of scallops (and beyond) by two different artificial collectors (Gulf of Taranto, Mediterranean Sea)	2016	Prato, E.; Biandolino, F.; Parlapiano, I.; Gianguzza, P.; Fanelli, G.	AQUACULTURE RESEARCH		3319	3331
214301	10447/170597	The relationships between soft-sediment deformation structures and synsedimentary extensional tectonics in Upper Triassic deep-water carbonate succession (Southern Tethyan rifted continental margin — Central Sicily)	2016	Basilone, L.; Sulli, A.; Gasparo Morticelli, M.	SEDIMENTARY GEOLOGY	344	310	322
353693	10447/300729	The summit part of Mount Etna revealed by High Resolution DC Electrical Resistivity Tomography coupled with complementary geophysical and soil gas techniques	2016	Finizola, A.; Ricci, T.; Delcher, E.; Antoine, R.; Peltier, A.; Neri, M.; Sciarra, A.; Bernard, J.; Brothelande, E.; Calabrese, S.; Fargier, Y.; Fauchard, C.; Foucart, B.; Gailler, L.; Gusset, R.; Lazarte, I.; Martin, E.; Mézon, C.; Poret, M.; Portal, A.; Rossi, M.				
284255	10447/235847	The temporary wetland complex of Anguillara and its key role for the botanical heritage of western Sicily	2016	Troia, A.; Campisi, P.; Dia, M.; Ilardi, V.; LA ROSA, A.; Pasta, S.; Scuderi, L.			63	63

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273439	10447/225706	The trophic position of the Atlantic blue crab <i>Callinectes sapidus</i> Rathbun 1896 in the food web of Parila Lagoon (South Eastern Adriatic, Croatia): A first assessment using stable isotopes	2016	Mancinelli, G; Glamuzina, B; Petrić, M; Carrozzo, L; Glamuzina, L; Zotti, M; Raho, D; Vizzini, S	MEDITERRANEAN MARINE SCIENCE	17	634	643
134825	10447/96735	Timing of the emergence of the Europe–Sicily bridge (40–17 cal ka BP) and its implications for the spread of modern humans	2016	Antonioli, F; Lo Presti, V; Gasparo Morticelli, M; Bonfiglio, L; Mannino, M; Palombo, MR; Sannino, G; Ferranti, L; Furlani, S; Lambeck, K; Canese, S; Catalano, R; Chiocci, FL; Mangano, G; Schicchitano, G; Tonielli, R		411	111	144
291978	10447/243089	Toward an update of the structural model in Italian submerged areas: contributions from the EMODnet Geology Project	2016	Agate, M; Battaglini, L; Busetti, M; D'Angelo, S; Fiorentino, A; Giordano, G; Loreto, F; Morelli, D; Muraro, C; Papasodaro, F; Pensa, A; Pinton, A; Vita, L; Volpi, V	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40		
195406	10447/152145	Toward shrimp consumption without chemicals: Combined effects of freezing and modified atmosphere packaging (MAP) on some quality characteristics of Giant Red Shrimp (<i>Aristaeomorpha foliacea</i>) during storage	2016	Bono, G.; Okpala, C.; Alberio, G.; Messina, C.; Santulli, A.; Giacalone, G.; Spagna, G.	FOOD CHEMISTRY	197, part A	581	588
353625	10447/300620	Trace elements in Mirror of Venus lake waters (Pantelleria Island, Italy)	2016	Pecoraino, G.; Bellomo, S.; Brusca, L.; Calabrese, S.; D'Alessandro, W.; GAGLIANO CANDELA, E.; Longo, M.				
194706	10447/151680	Transforming growth factor β (CtTGF- β) gene expression is induced in the inflammatory reaction of <i>Ciona intestinalis</i>	2016	Vizzini, A; Di Falco, F; Parrinello, D; Sanfratello, MA; Cammarata, M.	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	55	102	110
264560	10447/217917	Triassic/Jurassic boundary in peritidal carbonates from western Tethys	2016	Todaro, S.; DI STEFANO, P.; Rigo, M.; Randazzo, V.				
246619	10447/200973	Turmoil at Turrialba Volcano (Costa Rica): Degassing and eruptive processes inferred from high-frequency gas monitoring	2016	de Moor, J.; Aiuppa, A.; Avard, G.; Wehrmann, H.; Dunbar, N.; Muller, C.; Tamburello, G.; Giudice, G.; Liuzzo, M.; Moretti, R.; Conde, V.; Galle, B.	JOURNAL OF GEOPHYSICAL RESEARCH. SOLID EARTH	121	5761	5775
265544	10447/218794	Twenty years of scientific activity at Sparacia experimental area. Quaderni di Idronomia Montana 33	2016	Bagarello, V.; Carollo, F.; DI STEFANO, C.; Ferro, V.; Giordano, G.; Iovino, M.; Pampalone, V.				
271264	10447/223707	Understanding paleomagnetic rotations in Sicily: Thrust vs. transpressive structures	2016	Speranza, F; Hernandez-Moreno, C; Avellone, G; Gasparo Morticelli, M; Agate, M; Sulli, A; Di Stefano, E	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	40	201	201

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270431	10447/228858	Uniqueness of Planktonic Ecosystems in the Mediterranean Sea: The Response to Orbital- and Suborbital-Climatic Forcing over the Last 130,000 Years	2016	Incarbona, A.; DI STEFANO, E.; Sprovieri, R.; Ferraro, S.	OPEN GEOSCIENCES	8	567	578
297306	10447/248024	Valorization of low value fisheries species in Sicily (Italy), by realization of functional food: a case study of high technological readiness level	2016	Fazio, G.; Messina, C.; Randazzo, M.; Manuguerra, S.; Morghese, M.; Arena, R.; Santulli, A.				
265496	10447/218753	Verifica delle equazioni disponibili per la stima della potenza cinetica delle precipitazioni naturali	2016	Carollo, F.; Ferro, V.; Serio, M.	QUADERNI DI IDRONOMIA MONTANA	34	359	368
265439	10447/218700	VERIFICA DI UNA TECNICA FOTOGRAFICA PER IL RILIEVO DELLA GEOMETRIA DI UN CANALE IN TERRA	2016	DI STEFANO, C.; Ferro, V.; Palmeri, V.; Pampalone, V.		Quaderni di Idronomia Montana 34	431	439
348868	10447/296193	Warming and acidification effects on biofilm/grazer interaction in an early-stage rocky intertidal community	2016	Domina, I.; Cunliffe, M.; Hall-Spencer, J.; Milazzo, M.			199	199
248776	10447/203080	Warming-related shifts in the distribution of two competing coastal wrasses	2016	Milazzo, M.; Quattrocchi, F.; Azzurro, E.; Palmeri, A.; Chemello, R.; Di Franco, A.; Guidetti, P.; Sala, E.; Sciandra, M.; Badalamenti, F.; García-Charton, J.	MARINE ENVIRONMENTAL RESEARCH	120	55	67
236667	10447/191434	Water erosion susceptibility mapping by applying Stochastic Gradient Treeboost to the Imera Meridionale River Basin (Sicily, Italy)	2016	Angileri, S.; Conoscenti, C.; Hochschild, V.; Märker, M.; Rotigliano, E.; Agnesi, V.	GEOMORPHOLOGY	262	61	76
227563	10447/183052	Zirconium-hafnium and rare earth element signatures discriminating the effect of atmospheric fallout from hydrothermal input in volcanic lake water	2016	Inguaggiato, C.; Censi, P.; Zuddas, P.; D'Alessandro, W.; Brusca, L.; Pecoraino, G.; Bellomo, S.	CHEMICAL GEOLOGY	433	1	11
300856	10447/251161	A CO ₂ -gas precursor to the March 2015 Villarrica volcano eruption	2017	Aiuppa, A.; Bitetto, M.; Francofonte, V.; Velasquez, G.; Parra, C.; Giudice, G.; Liuzzo, M.; Moretti, R.; Moussallam, Y.; Peters, N.; Tamburello, G.; Valderrama, O.; Curtis, A.	GEOCHEMISTRY, GEOPHYSICS, GEOSYSTEMS	18	2120	2132
289550	10447/240837	A comparative study of different formulations of poultices for soluble salts removal from experimental plasters	2017	Randazzo, L.; Montana, G.; Castiglia, A.			190	190
292131	10447/243208	A Km-scale Cretaceous slope in western Sicily (Italy)	2017	Randazzo, V.; Cacciatore, M.; Todaro, S.; Zarcone, G.; DI STEFANO, P.				

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329736	10447/278739	A new approach for the measurement of gaseous elemental mercury (GEM) and H ₂ S in air from anthropogenic and natural sources: Examples from Mt. Amiata (Siena, Central Italy) and Solfatara Crater (Campi Flegrei, Southern Italy)	2017	Cabassi, Jacopo; Tassi, Franco; Venturi, Stefania; Calabrese, Sergio; Capecchiacci, Francesco; D'Alessandro, Walter; Vaselli, Orlando	JOURNAL OF GEOCHEMICAL EXPLORATION	175	48	58
254072	10447/211989	A new historical perspective regarding the baptismal font of the cathedral of Monreale (Sicily): the identification of a reused Roman labrum by an analytical approach	2017	Randazzo, L.; Montana, G.; Milazzo, G.	EUROPEAN JOURNAL OF SCIENCE AND THEOLOGY	13	189	198
274800	10447/226882	A new set of standards for in-situ measurement of bromine abundances in natural silicate glasses: Application to SR-XRF, LA-ICP-MS and SIMS techniques	2017	Anita, C.; Giada Iacono, M.; Antonio, P.; Etienne, D.; Aiuppa, A.; G., N.; Michela, C.; Lorenzo, B.; Kim, B.; Kalotina, G.	CHEMICAL GEOLOGY	452		
274817	10447/226897	A novel and inexpensive method for measuring volcanic plume water fluxes at high temporal resolution	2017	Pering, T.; Mcgonigle, A.; Tamburello, G.; Aiuppa, A.; Bitetto, M.; Rubino, C.; Wilkes, T.	REMOTE SENSING	9		
255634	10447/215245	A novel compound of triphenyltin(IV) with N-tert-butoxycarbonyl-L-ornithine causes cancer cell death by inducing a p53-dependent activation of the mitochondrial pathway of apoptosis	2017	Girasolo, M.A.; Tesoriere, L.; Casella, G.; Attanzio, A.; Capobianco, M.; Sabatino, P.; Barone, G.; Rubino, S.; Bonsignore, R.	INORGANICA CHIMICA ACTA	456	1	8
289529	10447/240815	A stalactite record of four relative sea-level highstands during the Middle Pleistocene Transition	2017	Stocchi, P.; Antonioli, F.; Montagna, P.; Pepe, F.; Lo Presti, V.; Caruso, A.; Corradino, M.; Dardanelli, G.; Renda, P.; Frank, N.; Douville, E.; Thil, F.; de Boer, B.; Ruggieri, R.; Sciortino, R.; Pierre, C.	QUATERNARY SCIENCE REVIEWS	173	92	100
289416	10447/240726	A three-dimensional back-analysis of the collapse of an underground cavity in soft rocks	2017	Fazio, N L; Perrotti, M; Lollino, P; Parise, M; Vattano, M; Madonia, G; Di Maggio, C	ENGINEERING GEOLOGY	228	301	311
274833	10447/226911	Abundance patterns at the invasion front: The case of <i>Siganus luridus</i> in Linosa (Strait of Sicily, Central Mediterranean Sea)	2017	Azzurro, E.; Franzitta, G.; Milazzo, M.; Bariche, M.; Fanelli, E.	MARINE AND FRESHWATER RESEARCH	68	697	702
292129	10447/243206	Acidification processes in a peritidal carbonate succession across the Triassic/Jurassic boundary (Sicily)	2017	Todaro, S.; Rigo, M.; DI STEFANO, P.; Zarcone, G.; Randazzo, V.				
273167	10447/225473	Active faulting and continental slope instability in the Gulf of Patti (Tyrrhenian side of NE Sicily, Italy): a field, marine and seismological joint analysis	2017	Cultrera, F.; Barreca, G.; Burrato, P.; Ferranti, L.; Monaco, C.; Passaro, S.; Pepe, F.; Scarfi, L.	NATURAL HAZARDS	86	253	272

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274793	10447/226876	Along-arc, inter-arc and arc-to-arc variations in volcanic gas CO ₂ /ST ratios reveal dual source of carbon in arc volcanism	2017	Aiuppa, A.; Fischer, T.; Plank, T.; Robidoux, P.; Di Napoli, R	EARTH-SCIENCE REVIEWS	168	24	47
300530	10447/250850	Altered epiphyte community and sea urchin diet in Posidonia oceanica meadows in the vicinity of submarine volcanic CO ₂ vents	2017	Nogueira, P.; Gambi, M.; Vizzini, S.; Califano, G.; Tavares, A.; Santos, R.; Martínez-Crego, B.	MARINE ENVIRONMENTAL RESEARCH	127	102	111
317258	10447/266772	An assessment of the global impact of 21st century land use change on soil erosion	2017	Borrelli, P, Robinson, D.A., Fleischer, L.R., Lugato, E., Ballabio, C., Alewell, C., Meusburger, K., Modugno, S., Schütt, B., Ferro, V., Bagarello, V., Oost, K.V., Montanarella, L., Panagos, P.	NATURE COMMUNICATIONS	8	1	13
289379	10447/240689	An Overview of the Hypogene Caves of Sicily	2017	Vattano, M.; Madonia, G.; Audra, P.; D'Angeli, I.; Galli, E.; Bigot, J.; Nobécourt, J.; De Waele, J.			199	209
274747	10447/226833	An ultrathin suspended hydrophobic porous membrane for high-efficiency water desalination.	2017	Perrotta, M.; Saielli, G.; Casella, G.; Macedonio, F.; Giorno, L.; Drioli, E.; Gugliuzza, A.	APPLIED MATERIALS TODAY	9	1	9
349628	10447/296897	Analisi comparata di metodi di calcolo del run-up per tsunami generati da frana. Casi di studio nel Margine Continentale della Sicilia Settentrionale	2017	Sulli, A.; Albano, L.; Zizzo, E.				
265401	10447/218666	APPLYING THE USLE FAMILY OF MODELS AT THE SPARACIA (SOUTH ITALY) EXPERIMENTAL SITE	2017	DI STEFANO, C.; Ferro, V.; Pampalone, V.	LAND DEGRADATION & DEVELOPMENT	28	994	1004
284234	10447/235827	Are calanco landforms similar to river basins?	2017	CARABALLO ARIAS, N.; Ferro, V.	SCIENCE OF THE TOTAL ENVIRONMENT		244	255
300887	10447/251199	Assessing geographical variation on whistle acoustic structure of three Mediterranean populations of common bottlenose dolphin (<i>Tursiops truncatus</i>)	2017	La Manna, G.; Rako Gospic, N.; Manghi, M.; Picciulin, M.; Sarà, G.	BEHAVIOUR	154	583	607
317206	10447/266734	Assessing hydrological connectivity inside a soil by fast-field-cycling nuclear magnetic resonance relaxometry and its link to sediment delivery processes	2017	Conte, P.; Di Stefano, C.; Ferro, V.; Laudicina, V.; Palazzolo, E.	ENVIRONMENTAL EARTH SCIENCES			
268371	10447/221100	Assessment of a geological model by surface wave analyses	2017	Martorana, R.; Capizzi, P.; Avellone, G.; D'Alessandro, A.; Siragusa, R.; Luzio, D.	JOURNAL OF GEOPHYSICS AND ENGINEERING	14	159	172
303383	10447/253501	Assessment of morphological and cellular responses after infection with living bacteria in the marine mussel <i>Mytilus galloprovincialis</i>	2017	Parisi, M.; Maisano, M.; Cappello, T.; Oliva, S.; Mauceri, M.; Cammarata, M.	INVERTEBRATE SURVIVAL JOURNAL	14	51	51
273297	10447/227099	Bacterial communities in sediment of a Mediterranean marine protected area	2017	Catania, V.; Sara', G.; Settanni, L.; Quatrini, P.	CANADIAN JOURNAL OF MICROBIOLOGY	63	303	311

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270195	10447/222753	Benthic foraminifera as indicators of relative sea-level fluctuations: Paleoenvironmental and paleoclimatic reconstruction of a Holocene marine succession (Calabria, south-eastern Tyrrhenian Sea)	2017	Cosentino, C.; Molisso, F.; Scopelliti, G.; Caruso, A.; Insinga, D.; Lubritto, C.; Pepe, F.; Sacchi, M.	QUATERNARY INTERNATIONAL		79	101
301809	10447/252370	Biocide	2017	Barresi, G.; Cammarata, M.; Palla, F.			49	65
402130	10447/347455	Biological and physical modification of carbonate system parameters along the salinity gradient in shallow hypersaline solar salterns in Trapani, Italy	2017	Isaji, Y.; Kawahata, H.; Kuroda, J.; Yoshimura, T.; Ogawa, N.; Suzuki, A.; Shibuya, T.; Jiménez-Espejo, F.; Lugli, S.; Santulli, A.; Manzi, V.; Roveri, M.; Ohkouchi, N.	GEOCHIMICA ET COSMOCHIMICA ACTA	208	354	367
290916	10447/242116	Biological diversity of the microbial film associated to the central-Mediterranean Dendropoma cristatum (Biondi, 1859) reefs.	2017	La Marca, E.; Catania, V.; Tagliavia, M.; Sardina, M.; DI GERLANDO, R.; Milazzo, M.; Chemello, R.; Quatrini, P.				
301088	10447/251364	Can MPS's protect sea urchin stocks?	2017	Gianguzza, P.				
349636	10447/296911	Caratterizzazione e Habitat mapping del Coralligeno di piattaforma lungo il margine continentale della Sicilia nord-occidentale	2017	Zizzo, E.; Sulli, A.; . AGATE M, .; LO IACONO, C.; Spatola, D.				

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476195	10447/414994	Carotid plaque detection improves the predictive value of CHA2DS2-VASc score in patients with non-valvular atrial fibrillation: The ARAPACIS Study	2017	Basili S.; Loffredo L.; Pastori D.; Proietti M.; Farcomeni A.; Vesti A.R.; Pignatelli P.; Davi G.; Hiatt W.R.; Lip G.Y.H.; Corazza G.R.; Perticone F.; Violi F.; Alessandri C.; Serviddio G.; Fascetti S.; Palange P.; Greco E.; Bruno G.; Averna M.; Giammanco A.; Sposito P.; De Cristofaro R.; De Gennaro L.; Carulli L.; Pellegrini E.; Cominacini L.; Mozzini C.; Pasini A.F.; Sprovieri M.; Spagnuolo V.; Cerqua G.; Cerasola G.; Mule G.; Barbagallo M.; Lo Sciuto S.; Monteverde A.; Saitta A.; Lo Gullo A.; Malatino L.; Ciia C.; Terranova V.; Pisano M.; Pinto A.; Di Raimondo D.; Tuttolomondo A.; Conigliaro R.; Signorelli S.; De Palma D.; Galderisi M.; Cudemo G.; Galletti F.; Fazio V.; De Luca N.; Meccariello A.; Caputo D.; De Donato M.T.; Iannuzzi A.; Bresciani A.; Giunta R.; Utili R.; Iorio V.; Adinolfi L.E.; Sellitto C.; Iuliano N.; Bellis P.; Tirelli P.; Sacerdoti D.; Vanni D.; Iuliano L.; Ciacciarelli M.; Pacelli A.; Palazzuoli A.; Cacciafesta M.; Gueli N.; Lo Iacono G.; Brusco S.; Verrusio W.; Nobili L.; Tarquinio N.; Pellegrini F.; Vincentelli G.M.; Ravallesse F.; Santini C.; Letizia C.; Petramala I.; Zinnamosca I.; Minisola S.; Montana, G	INTERNATIONAL JOURNAL OF CARDIOLOGY	231	143	149
269616	10447/222212	Ceramic Raw Materials	2017	Montana, G			1	21
292071	10447/243155	Clay-biosurfactant materials as functional drug delivery systems: Slowing down effect in the in vitro release of cinnamic acid	2017	Calabrese, I; Gelardi, G; Merli, M; Liveri, M.L.T; Sciascia, L.	APPLIED CLAY SCIENCE	135	567	574
279860	10447/231711	Closure to "Deducing a drain spacing formula by applying dimensional analysis and self-similarity theory" by Vito Ferro	2017	Ferro, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	143	1	1
279865	10447/231717	Closure to "New stage-discharge equation for the SMBF flume"	2017	Carollo, F.; DI STEFANO, C.; Ferro, V.; Pampalone, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	143	1	3
292809	10447/243855	Cluster Analysis for Cavity Detection Using Seismic Refraction and Electrical Resistivity Tomography	2017	Capizzi, P.; Martorana, R.; Carollo, A.; Vattano, M.				

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359712	10447/307065	COARSEMAP: synthesis of observations and models for coarse-mode aerosols	2017	C., W.; Lihavainen, H.; Mahowald, N.; Alastuey, A.; Albani, S.; Artaxo, P.; Bergametti, G.; Batterman, S.; Brahney, J.; Duce, R.; Feng, Y.; Buck, C.; Ginoux, P.; Chen, Y.; Guieu, C.; Cohen, D.; Hand, J.; Harrison, R.; Herut, B.; Ito, A.; Losno, R.; Gomez, D.; Kanakidou, M.; Landing, W.; Laurent, B.; Mihalopoulos, N.; Mackey, K.; Maenhaut, W.; Hueglin, C.; Milando, C.; Miller, R.; Myriokefatakis, S.; Neff, J.; Pandolfi, M.; Paytan, A.; Perez Garcia-Pando, C.; Prank, M.; Prospero, J.; Tamburo, E.; Varrica, D.; Zhang, M.				
275027	10447/227093	Collating science-based evidence to inform public opinion on the environmental effects of marine drilling platforms in the Mediterranean Sea	2017	Mangano, M.; Sarà, G.	JOURNAL OF ENVIRONMENTAL MANAGEMENT	188	195	202
317273	10447/266796	Comparing two applicative criteria of the soil erosion physical model concept	2017	Bagarello, V; Ferro, V; Pampalone, V	VADOSE ZONE JOURNAL	16		
273048	10447/225349	Comparison of different sets of array configurations for multichannel 2D ERT acquisition	2017	Martorana, R.; Capizzi, P.; D'Alessandro, A.; Luzio, D.	JOURNAL OF APPLIED GEOPHYSICS	137	34	48
288477	10447/239764	Compositional reference for the documented Archaic production of indigenous matt-painted pottery at Entella (Western Sicily)	2017	Montana, G; Polito, AM; Corretti, A; Serra, A	ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES	9	693	708
300897	10447/251205	Conceptualizing ecosystem tipping points within a physiological framework	2017	Harley, C.; Connell, S.; Doubleday, Z.; Kelaher, B.; Russell, B.; Sarà, G.; Helmuth, B.	ECOLOGY AND EVOLUTION	7	6035	6045
301385	10447/251689	Detection of homogeneous precipitation regions at seasonal and annual time scales, northwest Iran	2017	Arab Amiri, M.; Mesgari, M.; Conoscenti, C.	JOURNAL OF WATER AND CLIMATE CHANGE	8	701	714
298634	10447/249850	Diet and habitat use influence Hg and Cd transfer to fish and consequent biomagnification in a highly contaminated area: Augusta Bay (Mediterranean Sea)	2017	Signa, G.; Mazzola, A.; Tramati, C.; Vizzini, S.	ENVIRONMENTAL POLLUTION	230	394	404
279855	10447/231709	Dimensional analysis and stage-discharge relationship for weirs: a review	2017	Bijankhan, M.; Ferro, V.	JOURNAL OF AGRICULTURAL ENGINEERING	XLVIII		

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302804	10447/252933	Discovery of a second locality for the narrow endemic <i>Anthemis ismelia</i> (Asteraceae) in NW Sicily	2017	Cusimano, D.; Guarino, R.; Ilardi, V.	FLORA MEDITERRANEA	27	151	158
295782	10447/246654	Distinct protoconchs recognised in three of the larger Mediterranean <i>Cerithium</i> species (Caenogastropoda: Cerithiidae)	2017	Garilli, V.; Galletti, L.; Parrinello, D.	MOLLUSCAN RESEARCH	38	105	118
303393	10447/253507	Diversity evolution and immune function of fish lectins	2017	Cammarata, M.; Parisi, M.	INVERTEBRATE SURVIVAL JOURNAL	14	47	47
299308	10447/249707	Effect of Salt Concentration and Extremely Halophilic Archaea on the Safety and Quality Characteristics of Traditional Salted Anchovies	2017	Alfonzo, A.; Randazzo, W.; Barbera, M.; Sannino, C.; Corona, O.; Settanni, L.; Moschetti, G.; Santulli, A.; Francesca, N.	JOURNAL OF AQUATIC FOOD PRODUCTS TECHNOLOGY	26	620	637
285931	10447/237436	Effect of solid waste landfill organic pollutants on groundwater in three areas of Sicily (Italy) characterized by different vulnerability	2017	Indelicato, S.; Orecchio, S.; Avellone, G.; Bellomo, A.; Ceraulo, L.; DI LEONARDO, R.; DI STEFANO, V.; Favara, R.; Candela, E.; La Pica, L.; Morici, S.; Pecoraino, G.; Pisciotta, A.; Scaletta, C.; Vita, F.; Vizzini, S.; Bongiorno, D.	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH INTERNATIONAL	24	16869	16882
270770	10447/223262	Effect of the lemon essential oils on the safety and sensory quality of salted sardines (<i>Sardina pilchardus</i> Walbaum 1792)	2017	Alfonzo, A.; Martorana, A.; Guarrasi, V.; Barbera, M.; Gaglio, R.; Santulli, A.; Settanni, L.; Galati, A.; Moschetti, G.; Francesca, N.	FOOD CONTROL	73	1265	1274
273473	10447/250858	Effectiveness of <i>Posidonia oceanica</i> biotic indices for assessing the ecological status of coastal waters in the Saronikos Gulf (Aegean Sea, Eastern Mediterranean)	2017	Gerakaris, V.; Panayotidis, P.; Vizzini, S.; Nicolaidou, A.; Economou-Amilli, A	MEDITERRANEAN MARINE SCIENCE	18	161	178
277573	10447/229548	Effects of dietary administration of fenugreek seeds, alone or in combination with probiotics, on growth performance parameters, humoral immune response and gene expression of gilthead seabream (<i>Sparus aurata</i> L.)	2017	Bahi, A.; Guardiola F.A.; Messina C.; Mahdi, A.; Cerezuela, R.; Santulli, A.; Bakhrouf, A.; Esteban, M.A.	FISH AND SHELLFISH IMMUNOLOGY	60	50	58
313380	10447/263208	Effects of ocean acidification on the shells of four Mediterranean gastropod species near a CO ₂ seep	2017	Duquette, A.; McClintock, J.; Amsler, C.; Párez-Huerta, A.; Milazzo, M.; Hall-Spencer, J.	MARINE POLLUTION BULLETIN	124	917	928
302077	10447/252271	Effetti della cattività su alcuni parametri ematologici del grifone (<i>Gyps fulvus</i>)	2017	Giambelluca, S.; Cammarata, M.; Dara, S.; Orefice, T.; Camià-Cardenal, A.; Vazzana, I.	VETERINARIA ITALIANA	53	243	249
313893	10447/253536.4	EFFETTI DELLE VARIAZIONI STAGIONALI IN DUE POPOLAZIONI DI <i>ANEMONIA SULCATA</i> (PENNANT, 1777) E PRIME OSSERVAZIONI SULLA RIGENERAZIONE DEI TENTACOLI	2017	Maria Giovanna Parisi, ; Alessandro, L.; Daniela, P.; Matteo, C.				

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299470	10447/249852	Element-specific behaviour and sediment properties modulate transfer and bioaccumulation of trace elements in a highly-contaminated area (Augusta Bay, Central Mediterranean Sea)	2017	Signa, G.; Mazzola, A.; Di Leonardo, R.; Vizzini, S.	CHEMOSPHERE	187	230	239
300908	10447/251215	Energetics, Particle Capture and Growth Dynamics of Benthic Suspension Feeders	2017	Sebens, K.; Sarà, G.; Nishizaki, M.		2	813	854
392805	10447/338645	Environmental sensitivity of Neogoniolithon Brassica-Florida associated with vermetid reefs in the Mediterranean Sea	2017	Fine, M.; Tsadok, R.; Meron, D.; Cohen, S.; Milazzo, M.	ICES JOURNAL OF MARINE SCIENCE	74	1074	1082
270303	10447/222860	Evaporite karst in Italy: a review	2017	De Waele, J; Piccini, L; Columbu, A; Madonia, G; Vattano, M; Calligaris, C; D'Angeli, IM; Parise, M; Chiesi, M; Sivelli, M; Vigna, B; Zini, L; Chiarini, C; Sauro, F; Drysdale, R; Forti, P	INTERNATIONAL JOURNAL OF SPELEOLOGY	2	137	168
274568	10447/226707	Evidence of positive tectonic inversion in the north-central sector of the Sicily Channel (Central Mediterranean)	2017	Cavallaro, D.; Monaco, C.; Polonia, A.; Sulli, A.; Di Stefano, A.	NATURAL HAZARDS	86	233	251
292820	10447/243868	Evidence of surface faulting in the archaeological site of Santa Venera al Pozzo (Catania-Eastern Sicily): first results from geophysical investigations	2017	Bottari, C.; Capizzi, P.; Cavallaro, D.; Coltelli, M.; D'Alessandro, A.; Lodato, L.; Martorana, R.; Pisciotta, A.; Scudero, S.			374	377
260908	10447/214501	Evolution of Ciona intestinalis Tumor necrosis factor alpha (CiTNF α): Polymorphism, tissues expression, and 3D modeling	2017	Vizzini, A.; Parisi, M.; Cardinale, L.; Testasecca, L.; Cammarata, M.	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY			
268513	10447/221192	Experimental investigation on peralkaline silicic magmas of Pantelleria Island: inferences on pre-eruptive conditions, magma evolution and water solubility	2017	Romano, P.				
282492	10447/234172	Explicit equations for uniform flow depth	2017	Ferro, V.; Sciacca, M.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	143	1	5
290864	10447/242073	Exploring the explosive-effusive transition using permanent ultra-violet cameras	2017	DELLE DONNE, D.; Tamburello, G.; Aiuppa, A.; Bitetto, M.; Lacanna, G.; D'Aleo, R.; Ripepe,	JOURNAL OF GEOPHYSICAL RESEARCH. SOLID EARTH			
353225	10447/300245	Extreme isotope fractionation of hydrothermal methane due to oxidation processes in hot springs of Central Greece	2017	D'Alessandro, W.; Daskalopoulou, K.; Gagliano, A.; Calabrese, S.; Fiebig, J.; Tassi, F.; Kyriakopoulos, K.				
282870	10447/234516	Facies stacking and extinctions across the Triassic–Jurassic boundary in a peritidal succession from Western Sicily	2017	Todaro, S; Di Stefano, P; Zarcone, G; Randazzo, V	FACIES	63	1	21

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300861	10447/251167	Fast tracking of wind speed with a differential absorption LiDAR system: First results of an experimental campaign at Stromboli volcano	2017	Parracino, S.; Santoro, S.; Maio, G.; Nuvoli, M.; Aiuppa, A.; Fiorani, L.	OPTICAL ENGINEERING	56	044104	
301254	10447/251530	Feeding behaviour of <i>Ophidiaster ophidianus</i> (Lmk.) (Asteroidea) in Mediterranean rocky reefs	2017	Trapani, D.; Bonaviri, C.; Costa, V.; Badalamenti, F.; Gianguzza, P.				
292075	10447/243157	Fe-periclase reactivity at Earth's lower mantle conditions: Ab-initio geochemical modelling	2017	Merli, M.; Bonadiman, C.; Diella, V.; Sciascia, L.; Pavese, A.	GEOCHIMICA ET COSMOCHIMICA ACTA	214	14	29
300858	10447/251165	First results of the Piton de la Fournaise STRAP 2015 experiment: Multidisciplinary tracking of a volcanic gas and aerosol plume	2017	Tulet, P.; Di Muro, A.; Colomb, A.; Denjean, C.; DufLOT, V.; Arellano, S.; Foucart, B.; Brioude, J.; Sellegri, K.; Peltier, A.; Aiuppa, A.; Barthe, C.; Bhugwant, C.; Bielli, S.; Boissier, P.; Boudoire, G.; Bourriane, T.; Brunet, C.; Burnet, F.; Cammas, J.; Gabarrot, F.; Galle, B.; Giudice, G.; Guadagno, C.; Jeamblu, F.; Kowalski, P.; Leclair De Bellevue, J.; Marquestaut, N.; Măkies, D.; Metzger, J.; Pianezze, J.; Portafaix, T.; Sciare, J.; Tournigand, A.; Villeneuve, N.	ATMOSPHERIC CHEMISTRY AND PHYSICS	17	5355	5378
300848	10447/251155	First study of the heat and gas budget for Sirung volcano, Indonesia	2017	Bani, P.; Alfianti, H.; Aiuppa, A.; Oppenheimer, C.; Sitinjak, P.; Tsanev, V.; Saing, U.	BULLETIN OF VOLCANOLOGY	79		
287560	10447/238909	Flank Margin Caves In Telogenetic Limestones In Italy	2017	Arriolabengoa, M.; D'Angeli, I.; De, W.; J.; Parise, M.; Ruggieri, R.; Sanna, L.; Madonia, G.; Vattano, M.			289	292
287782	10447/239115	Flow resistance equation for rills	2017	DI STEFANO, C.; Ferro, V.; Palmeri, V.; Pampalone, V.	HYDROLOGICAL PROCESSES	31	2793	2801
317308	10447/266825	Flow resistance in step-pool rills	2017	Di Stefano, C.; Ferro, V.; Palmeri, V.; Pampalone V	VADOSE ZONE JOURNAL	16		
313374	10447/263153	Food resource partitioning between two sympatric temperate wrasses	2017	Sinopoli, M.; Chemello, R.; Vaccaro, A.; Milazzo, M.	MARINE AND FRESHWATER RESEARCH	68	2324	2335
301113	10447/251386	Fore-arc Deformation in the Paola Basin Segment (Offshore Western Calabria) of the Tyrrhenian-Ionian Subduction System	2017	Pepe, F.; Corradino, M.; Nicolich, R.; Barreca, G.; Bertotti, G.; Ferranti, L.; Monaco, C.				
301801	10447/252023	F-Type Lectins: A highly diversified family of fucose-binding proteins with a unique sequence motif and structural fold, involved in self/non-self-recognition	2017	Vasta, G.; Mario Amzel, L.; Bianchet, M.; Cammarata, M.; Feng, C.; Saito, K.	FRONTIERS IN IMMUNOLOGY	8	1648	

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300839	10447/251145	Fumarolic tremor and geochemical signals during a volcanic unrest	2017	Chiodini, G.; Giudicepietro, F.; Vandemeulebrouck, J.; Aiuppa, A.; Caliro, S.; De Cesare, W.; Tamburello, G.; Avino, R.; Orazi, M.; D'Auria, L.	GEOLOGY	45	1131	1134
275023	10447/227089	Functional and energetic consequences of climate change on a predatory whelk	2017	Giacoletti, A.; Maricchiolo, G.; Mirto, S.; Genovese, L.; Umani, M.; Sara', G.	ESTUARINE, COASTAL AND SHELF SCIENCE	189	66	73
353223	10447/300243	Gas geochemistry and preliminary CO2 output estimation from the island of Kos (Greece)	2017	D'Alessandro, W.; Daskalopoulou, K.; Calabrese, S.; Longo, M.; Kyriakopoulos, K.	GEOPHYSICAL RESEARCH ABSTRACTS			
353424	10447/300448	Gas geochemistry of shallow submarine vents in the Aegean sea (Greece)	2017	Daskalopoulou, K.; Longo, M.; Calabrese, S.; Gagliano A., L.; Kyriakopoulos, K.; Italiano, F.; D'Alessandro, W.				
346138	10447/293662	Gathering different marine geology data (seismics, acoustics, sedimentological) to investigate active fluid seepage (AFS) in the southern region of the central Mediterranean Sea	2017	Spatola, D.; Micallef, A.; Sulli, A.; Basilone, L.; Basilone, G.		2017-	95	100
286529	10447/238004	Gender-related variations in hemolymph parameters of <i>Carabus lefebvrei</i> (Coleoptera: Carabidae): HPLC analysis and phenoloxidase activity	2017	A., G.; P., B.; Pg, G.; F., C.; Mr, T.; Parisi, M.; Cammarata, M.	INVERTEBRATE SURVIVAL JOURNAL			
300841	10447/251147	Geochemical constraints on volatile sources and subsurface conditions at Mount Martin, Mount Mageik, and Trident Volcanoes, Katmai Volcanic Cluster, Alaska	2017	Lopez, T.; Tassi, F.; Aiuppa, A.; Galle, B.; Rizzo, A.; Fiebig, J.; Capecchiacci, F.; Giudice, G.; Caliro, S.; Tamburello, G.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	347	64	81
289558	10447/240841	Geochemistry and volatile content of magmas feeding explosive eruptions at Telica volcano (Nicaragua)	2017	Robidoux, P.; Rotolo, S.; Aiuppa, A.; Lanzo, G.; Hauri, E.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	341	131	148
275066	10447/227132	Geochemistry of Zr, Hf, and REE in a wide spectrum of Eh and water composition: The case of Dead Sea Fault system (Israel)	2017	Censi, P.; Raso, M.; Yechieli, Y.; Ginat, H.; Saiano, F.; Zuddas, P.; Brusca, L.; D'Alessandro, W.; Inguaggiato, C.	GEOCHEMISTRY, GEOPHYSICS, GEOSYSTEMS	18	844	857
268040	10447/220834	Geomorphological evolution of western Sicily, Italy	2017	Di Maggio, C.; Madonia, G; Vattano, M; Agnesi, V; Monteleone, S	GEOLOGICA CARPATHICA	68	80	93
290297	10447/241548	Geomorphology of the Capo San Vito Peninsula (NW Sicily): An Example of Tectonically and Climatically Controlled Landscape	2017	Agnesi, V.; Conoscenti, C.; DI MAGGIO, C.; Rotigliano, E.			455	465

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353650	10447/300648	Geoscience workshops on Sicilian active volcanoes: implementing the school education through collaboration among different institutions	2017	I. S., D.; Calabrese, S.; Gioia., C.				
294859	10447/245790	GPR and magnetic survey at the Kamarina archaeological site (Sicily, Italy) supported by aerial photo-graphic and thermographic data	2017	Martorana, R.; Capizzi, P.; D'Alessandro, A.; Pisciotta, A.; Scudero, S.			635	637
294082	10447/245089	HBV virological suppression: Still not enough to save from hepatocellular carcinoma. A case report on a 15-year, real-life story	2017	Prestileo, T.; DI LORENZO, F.; Sanfilippo, A.; Imburgia, C.; Cabibbo, G.; Corrao, S.	RECENTI PROGRESSI IN MEDICINA	108	379	381
270658	10447/223160	Hg and Se exposure in brain tissues of striped dolphin (Stenella coeruleoalba) and bottlenose dolphin (Tursiops truncatus) from the Tyrrhenian and Adriatic Seas	2017	Bellante, A.; D'Agostino, F.; Traina, A.; Piazzese, D.; Milazzo, M.; Sprovieri, M.	ECOTOXICOLOGY	26	250	260
299538	10447/249919	Historical analysis of rainfall-triggered rockfalls: the case study of the disaster of the ancient hydrothermal Sclafani Spa (Madonie Mts, northern-central Sicily, Italy) in 1851	2017	Contino, A.; Bova, P.; Esposito, G.; Giuffr�, I.; Monteleone, S.	NATURAL HAZARDS AND EARTH SYSTEM SCIENCES	17	2229	2243
275031	10447/227097	How ocean acidification can benefit calcifiers	2017	Connell, S.; Doubleday, Z.; Hamlyn, S.; Foster, N.; Harley, C.; Helmuth, B.; Kelaher, B.; Nagelkerken, I.; Sar�, G.; Russell, B.	CURRENT BIOLOGY	27	R95	R96
275122	10447/227793	Improving transferability strategies for debris flow susceptibility assessment: Application to the Saponara and Itala catchments (Messina, Italy)	2017	Cama, M.; Lombardo, L.; Conoscenti, C.; Rotigliano, E.	GEOMORPHOLOGY	288	52	65
294106	10447/245113	Infectious diseases among foreign prisoners: results of a hospital-based management model in Palermo	2017	Prestileo, T.; Spicola, D.; DI LORENZO, F.; Dalle Nogare, E.; Sanfilippo, A.; Ficalora, A.; Corrao, S.	LE INFEZIONI IN MEDICINA	25	57-63	
302088	10447/252373	Innovative and integrated strategies: Case studies	2017	Palla, F.; Barresi, G.; Chisesi, R.; Cammarata, M.; Di Carlo, E.; Drago, S.; Giordano, A.; Lombardo, G.; Rotolo, V.; Schiavone, S.; Stampone, G.; Trapani, M.			85	100
274831	10447/226909	Inorganic carbon physiology underpins macroalgal responses to elevated CO2	2017	Cornwall, C.; Reville, A.; Hall Spencer, J.; Milazzo, M.; Raven, J.; Hurd, C.	SCIENTIFIC REPORTS	7		
313363	10447/263149	Integrating natural capital assessment and marine spatial planning: A case study in the Mediterranean sea	2017	Picone, F.; Buonocore, E.; D'Agostaro, R.; Donati, S.; Chemello, R.; Franzese, P.	ECOLOGICAL MODELLING	361	1	13

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300850	10447/251157	Isotopically ($\delta^{13}C$ and $\delta^{18}O$) heavy volcanic plumes from Central Andean volcanoes: a field study	2017	Schipper, C.; Moussallam, Y.; Curtis, A.; Peters, N.; Barnie, T.; Bani, P.; Jost, H.; Hamilton, D.; Aiuppa, A.; Tamburello, G.; Giudice, G.	BULLETIN OF VOLCANOLOGY	79		
290855	10447/242064	Landslide susceptibility mapping using precipitation data, Mazandaran Province, north of Iran	2017	Arab Amiri, M.; Conoscenti, C.	NATURAL HAZARDS	89	255	273
289415	10447/240722	Lead isotopes in biological matrices to identify potential sources of contamination: the case study of Sulcis-Iglesiente district (SW Sardinia, Italy)	2017	Tamburo, E.; Varrica, D.; Dongarrà, G.; Alaimo, M.; Monna, F.; Losno, R.; Sanna, E.; De Giudici, G.; Valenza, M.				
353657	10447/300661	Light hydrocarbons as a proxy to identify the origin of the gas manifestations in Greece	2017	Daskalopoulou, K.; Calabrese, S.; Fiebig, J.; Kyriakopoulos, K.; Li Vigni, L.; Parello, F.; Tassi, F.; D'Alessandro, W.				
348483	10447/295818	Long-term earthquake potential of active faults by using coastal and off-shore geological and morphological indicators	2017	Pepe, F.; Pierfrancesco, B.; Luigi, F.; Carmelo, M.; Marco, S.; Sulli, A.; Giovanni, B.; Dardanelli, G.; DI MAGGIO, C.; Barbara, O.; Renda, P.; Giovanni, B.; Corradino, M.; GASPARO MORTICELLI, M.; Paliaga, S.; Parrino, N.; Pipitone, C.; Debora Presti, &				
292828	10447/243873	Low-cost Remotely Operated Underwater and Unmanned Aerial vehicles: new technologies for archaeo-geophysics	2017	D'Alessandro, A.; Greco, L.; Scudero, S.; Vitale, G.; Bottari, C.; Capizzi, P.; Croce, F.; Martorana, R.; Pisciotta, A.			384	386
300853	10447/251159	Magmatic gas percolation through the old lava dome of El Misti volcano	2017	Moussallam, Y.; Peters, N.; Masias, P.; Apaza, F.; Barnie, T.; Ian Schipper, C.; Curtis, A.; Tamburello, G.; Aiuppa, A.; Bani, P.; Giudice, G.; Pieri, D.; Davies, A.; Oppenheimer, C.	BULLETIN OF VOLCANOLOGY	79		
313327	10447/263137	Marine caves of the Southern Tyrrhenian Sea: a First Census of Benthic Biodiversity	2017	Scotti, G.; Consoli, P.; Esposito, V.; Chemello, R.; Romeo, T.; Andaloro, F.	JOURNAL OF MARINE SCIENCE: RESEARCH & DEVELOPMENT	7	1	9
282499	10447/234178	Measuring rill erosion using structure from motion: A plot experiment	2017	Di Stefano, C.; Ferro, V.; Palmeri, V.; Pampalone, V.	CATENA	156	383	392
287131	10447/238566	Melt inclusions track changes in chemistry and oxidation state of Etnean magmas	2017	Gennaro, M.; IACONO MARZIANO, G.; Paonita, A.; Rizzo, A.; Martel, C.; Rotolo, S.; Liotta, M.; Pichavant, M.				

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289310	10447/240613	Micelles, Rods, Liposomes, and Other Supramolecular Surfactant Aggregates: Computational Approaches	2017	Indelicato, S.; Bongiorno, D.; Calabrese, V.; Perricone, U.; Almerico, A.; Ceraulo, L.; Piazzese, D.; Tutone, M.	INTERDISCIPLINARY SCIENCES: COMPUTATIONAL LIFE SCIENCES	9	392	405
290910	10447/242108	Microbial communities and novel taxa in « Continental Smokers » of northern Greece	2017	Quatrini, P.; Tagliavia, M.; Gagliano, A.; Tolone, M.; Catania, V.; D'Alessandro, W.				
353644	10447/300644	Microbial methane oxidation leading to extreme isotopic fractionation in thermal springs of central Greece	2017	D'Alessandro, W.; Daskalopoulou, K.; Gagliano, A.; Calabrese, S.; Fiebig, J.; Tassi, F.; Kyriakopoulos, K.; Li Vigni, L.				
289918	10447/241166	Microbial-mediated pre-salt carbonate deposition during the Messinian salinity crisis (Calcare di Base fm., Southern Italy)	2017	Perri, E; Gindre-Chanu, L; Caruso, A; Cefalà, M; Scopelliti, G; Tucker, M	MARINE AND PETROLEUM GEOLOGY	88	235	250
353678	10447/300666	Mineralogy of the soils altered by fumarolic activity at Nisyros volcano, Greece	2017	Li Vigni, L.; Daskalopoulou, K.; Calabrese, S.; D'Alessandro, W.; Parello, F.				
329750	10447/278753	Mobility of plume-derived volcanogenic elements in meteoric water at Nyiragongo volcano (Congo) inferred from the chemical composition of single rainfall events	2017	Liotta, M.; Shamavu, P.; Scaglione, S.; D'Alessandro, W.; Bobrowski, N.; Bruno Giuffrida, G.; Tedesco, D.; Calabrese, S.	GEOCHIMICA ET COSMOCHIMICA ACTA	217	254	272
273194	10447/225496	Molecular characterisation, evolution and expression analysis of g-type lysozymes in <i>Ciona intestinalis</i>	2017	Di Falco, F.; Cammarata, M.; Vizzini, A.	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY		457	463
275025	10447/227091	Monitoring of persistent organic pollutants in the polar regions: knowledge gaps & gluts through evidence mapping	2017	Mangano, M.; Sarà, G.; Corsolini, S.	CHEMOSPHERE	172	37	45
275112	10447/227178	Morphological response of the larvae of <i>Arbacia lixula</i> to near-future ocean warming and acidification	2017	Visconti, G.; Gianguzza, F.; Butera, E.; Costa, V.; Vizzini, S.; Byrne, M.; Gianguzza, P.	ICES JOURNAL OF MARINE SCIENCE	74	1180	1190
282505	10447/234184	Morphological Similarity of Channels: From Linear Erosional Features (Rill, Gully) to Alpine Rivers	2017	Sofia G.; Di Stefano C.; Ferro V.; Tarolli P.;	LAND DEGRADATION & DEVELOPMENT			
346141	10447/293666	Morpho-sedimentary setting and evolution of Marettimo Valley (Egadi Islands, Sicily) during middle-late Quaternary: interaction between sea level changes and oceanographic circulation	2017	Agate, M.; Tamburrino, S.; Sulli, A.; Placenti, F.; Sprovieri, M.; Iacono, L.; Passaro, S.		2017-	111	116
271017	10447/223487	Mountain building in NW Sicily from the superimposition of subsequent thrusting and folding events during Neogene: structural setting and tectonic evolution of the Kumeta and Pizzuta ridges	2017	Gasparo Morticelli, M.; Avellone, G.; Sulli, A.; Agate, M.; Basilone, L.; Catalano, R.; Pierini, S.	JOURNAL OF MAPS	13	276	290

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329767	10447/278769	Multi-component gas emission measurements of the active lava lake of Nyiragongo, DR Congo	2017	Bobrowski, N.; Giuffrida, G.; Yalire, M.; Lübcke, P.; Arellano, S.; Balagizi, C.; Calabrese, S.; Galle, B.; Tedesco, D.	JOURNAL OF AFRICAN EARTH SCIENCES	134	856	865
423655	10447/243871.2	Multidisciplinary investigations at the Kamarina archaeological site (southern Sicily, Italy)	2017	Pisciotta, A.; Bottari, C.; Capizzi, P.; D'Alessandro, A.; Martorana, R.; Scudero, S.			129	132
300863	10447/251169	New advances in dial-lidar-based remote sensing of the volcanic CO2 flux	2017	Aiuppa, A.; Fiorani, L.; Santoro, S.; Parracino, S.; D'Aleo, R.; Liuzzo, M.; Maio, G.; Nuvoli, M.	FRONTIERS IN EARTH SCIENCE	5		
282507	10447/234186	New flow-resistance law for steep mountain streams based on velocity profile	2017	Ferro, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	143	1	6
273531	10447/225779	New Insights into the Provenance of the Obsidian Fragments of the Island of Ustica (Palermo, Sicily)	2017	Foresta Martin, F.; Di Piazza, A.; D'Oriano, C.; Carapezza, M.; Paonita, A.; Rotolo, S.; Sagnotti, L.	ARCHAEOOMETRY	59	435	454
275451	10447/227517	New species of Deinogalerix (Mammalia, Eulipotyphla) from the late Miocene of Scontrone (Abruzzo, central Italy)	2017	Savorelli, A.; Masini, F.; Mazza, P.; Rossi, M.; Agostini, S.	PALAEONTOLOGIA ELECTRONICA	20	1	26
275029	10447/227095	Noise elicits hematological stress parameters in Mediterranean damselfish (Chromis chromis, perciformes): A mesocosm study	2017	Vazzana, M.; Celi, M.; Arizza, V.; Calandra, G.; Buscaino, G.; Ferrantelli, V.; Bracciali, C.; Sarà, G.	FISH AND SHELLFISH IMMUNOLOGY	62	147	152
300533	10447/250852	Ocean acidification as a driver of community simplification via the collapse of higher-order and rise of lower-order consumers	2017	Vizzini, S.; MartÃ-nez-Crego, B.; Andolina, C.; Massa-Gallucci, A.; Connell, S.; Gambi, M.	SCIENTIFIC REPORTS	7	1	10
274835	10447/226913	Ocean acidification can mediate biodiversity shifts by changing biogenic habitat	2017	Sunday, J.; Fabricius, K.; Kroeker, K.; Anderson, K.; Brown, N.; Barry, J.; Connell, S.; Dupont, S.; Gaylord, B.; Hall-Spencer, J.; Klinger, T.; Milazzo, M.; Munday, P.; Russell, B.; Sanford, E.; Thiyagarajan, V.; Vaughan, M.; Widdicombe, S.; Harley, C.	NATURE CLIMATE CHANGE	7	81	85
313368	10447/263151	Ocean acidification does not impair predator recognition but increases juvenile growth in a temperate wrasse off CO2seeps	2017	Cattano, C.; Calò, A.; Di Franco, A.; Firmamento, R.; Quattrocchi, F.; Sdiri, K.; Guidetti, P.; Milazzo, M.	MARINE ENVIRONMENTAL RESEARCH	132	33	40
353421	10447/300450	Origin of methane and light hydrocarbons in the gas manifestations of Greece.	2017	Daskalopoulou, K.; Calabrese, S.; Fiebig, J.; Grassa, F.; Kyriakopoulos, K.; Longo, M.; Parello, F.; Tassi, F.; D'Alessandro, W.				

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292967	10447/244013	Paleoclimate and extensional tectonics of short-lived lacustrine environments. Lower Cretaceous of the Panormide Southern Tethyan carbonate platform (NW Sicily)	2017	Basilone, L.; Perri, F.; Sulli, A.; Critelli, S.	MARINE AND PETROLEUM GEOLOGY	88	428	439
288666	10447/239945	Paleoclimatic and Paleoceanographic reconstruction of the Pleistocene-Holocene through the study of planktonic foraminifera of two sedimentary cores collected in North Atlantic Ocean, southwest of the Azores Islands.	2017	Bonfardeci, A.				
290344	10447/241591	Paleoenvironmental context of the early Neanderthals of Poggetti Vecchi for the late middle Pleistocene of Central Italy	2017	Benvenuti, M.; Bahain, J.; Capalbo, C.; Capretti, C.; Ciani, F.; D'Amico, C.; Esu, D.; Giachi, G.; Giuliani, C.; Gliozzi, E.; Lazzeri, S.; Macchioni, N.; Lippi, M.; Masini, F.; Mazza, P.; Pallecchi, P.; Revedin, A.; Savorelli, A.; Spadi, M.; Sozzi, L.; Vietti, A. K.; Voltaggio, M.; Aranguren, B.	QUATERNARY RESEARCH	88	327	344
289555	10447/240839	Pantelleria island (Strait of Sicily): volcanic history and geomorphological landscape	2017	Rotolo, S.; Agnesi, V.; Conoscenti, C.; Lanzo, G.			479	487
292137	10447/243220	Perturbation vectors to evaluate air quality using lichens and bromeliads: a Brazilian case study	2017	Monna, F.; Marques Jr, A.; Guillon, R.; Losno, R.; Couette, S.; Navarro, N.; Dongarrà, G.; Tamburo, E.; Varrica, D.; Chateau, C.; Nepomuceno, F.	ENVIRONMENTAL MONITORING AND ASSESSMENT		566	575
315025	10447/264731	Planktonic foraminifera as proxies of the Holocene climatic variability (Tyrrhenian, Mediterranean Sea)	2017	Bonfardeci, A.; Caruso, A.; Cosentino, C.; Scopelliti, G.				
329754	10447/278762	Plume composition and volatile flux of Nyamulagira volcano, Democratic Republic of Congo, during birth and evolution of the lava lake, 2014-2015	2017	Bobrowski, N.; Giuffrida, G.; Arellano, S.; Yalire, M.; Liotta, M.; Brusca, L.; Calabrese, S.; Scaglione, S.; Rüdiger, J.; Castro, J.; Galle, B.; Tedesco, D.	BULLETIN OF VOLCANOLOGY	79		
274551	10447/226695	Potential Cyclic Steps in a Gully System of the Gulf of Palermo (Southern Tyrrhenian Sea)	2017	LO IACONO, C.; Cartigny, M.; Zizzo, E.; Agate, M.; Sulli, A.			235	240
278171	10447/230102	Predicting maximum annual values of event soil loss by USLE-type models	2017	Bagarello, V.; DI STEFANO, C.; Ferro, V.; Pampalone, V.	CATENA	155	10	19
221674	10447/177544	Protective Effect of Astaxanthin on Primary Retinal Cells of the GerbilPsammomys ObesusCultured in DiabeticMilieu	2017	Baccouche, B.; Mbarek, S.; Dellaa, A.; Hammoum, I.; Messina, C.; Santulli, A.; Ben Chaouacha Chekir, R.	JOURNAL OF FOOD BIOCHEMISTRY	41	1	10

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269565	10447/222180	Pt(II) nitrile complexes: New insights on old complexes from a combined experimental and theoretical study	2017	Bertani, R.; Mozzon, M.; Sgarbossa, P.; Tamburini, S.; Casarin, M.; Mangione, G.; Casella, G.; Venzo, A.; Rizzato, S.; Albinati, A.	INORGANICA CHIMICA ACTA	455	489	504
278447	10447/230362	Quality and antioxidant response of gilthead seabream (<i>Sparus aurata</i> L.) to dietary supplements of fenugreek (<i>Trigonella foenum graecum</i>) alone or combined with probiotic strains	2017	Guardiola, F.; Bahi, A.; Messina, C.; Mahdhi, A.; Santulli, A.; Arena, R.; Bakhrouf, A.; Esteban, M.	FISH AND SHELLFISH IMMUNOLOGY	63	277	284
278898	10447/231498	Quaternary marine and continental unconformity-bounded stratigraphic units of the NW Sicily coastal belt	2017	Agate, M.; Basilone, L.; Di Maggio, C.; Contino, A.; Pierini, S.; Catalano, R.	JOURNAL OF MAPS	13	425	437
258299	10447/211993	RARE EARTHS AND TRACE ELEMENTS CONTENTS IN LEAVES: A NEW INDICATOR OF THE COMPOSITION OF ATMOSPHERIC DUST	2017	Censi, P.; Cibella, F.; Falcone, E.; Cuttitta, G.; Saiano, F.; Inguaggiato, C.; Latteo, V.	CHEMOSPHERE	169	342	350
275071	10447/227138	Rare earths behaviour during the deposition of volcanic sublimates	2017	Censi, P.; Sortino, F.; Zuddas, P.; Saiano, F.; Brusca, L.; Chiavetta, S.; Falcone, E.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	331	53	63
287197	10447/238619	Rare earths, zirconium and hafnium distribution in coastal areas: The example of <i>Sabella spallanzanii</i> (Gmelin, 1791)	2017	Parisi, M.; Cammarata, I.; Cammarata, M.; Censi, V.	CHEMOSPHERE	185	268	276
363166	10447/309894	Reliability of rainfall kinetic power-intensity relationships	2017	Carollo, F.; Ferro, V.; Serio, M.	HYDROLOGICAL PROCESSES	31	1293	1300
317297	10447/266806	Scale effects on plot runoff and soil erosion in a mediterranean environment	2017	Bagarello, V.; Ferro, V.	VADOSE ZONE JOURNAL	16		
270552	10447/223067	Scienze Naturali	2017	Passannanti, S.; Sbriziolo, C.; Caradonna, F.; Quatrini, P.; Scopelliti, G.				
275620	10447/227660	Seasonal changes in morpho-functional aspects of two <i>Anemonia sulcata</i> (Pennant, 1777) wild populations	2017	Parisi, M.; Lentini, A.; Cammarata, M.	MARINE BIODIVERSITY	47	561	573
287554	10447/238907	Secondary Minerals From Italian Sulfuric Acid Caves	2017	D'Angeli, I.; De, W.; J, C.; C, ; Parise, M.; Madonia, G.; Vattano, M.			237	241
292812	10447/243862	Seismostratigraphic Modeling Using Constrained HVSR Data	2017	Martorana, R.; Agate, M.; Capizzi, P.; Cavera, F.; D'Alessandro, A.				
349625	10447/296895	Seismotectonics in the North-Western Sicily Continental Margin: implications for Geohazard assessment	2017	Sulli, A.; Zizzo, E.; Gasparo Morticelli, M.				

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353569	10447/300601	SEW – Save the Etna World	2017	Andronico, D.; Currenti, G.; Longo, S.; Brusca, L.; Calabrese, S.; Caltabiano, T.; Cristaldi, A.; D'Alessandro, W.; Federico, C.; Ferrari, F.; Greco, F.; LA SPINA, A.; Longo, M.; Messina, L.; Rosalba,				
359503	10447/300530. 2	Shallow submarine gas manifestations in the Aegean Sea: preliminary catalogue and geochemical characterization	2017	Daskalopoulou, K.; D'Alessandro, W.; Longo, M.; Calabrese, S.; Vigni, L.; Kyriakopoulos, L.; Gagliano, L.; Italiano, F.				
274798	10447/226880	Shallow system rejuvenation and magma discharge trends at Piton de la Fournaise volcano (La Réunion Island)	2017	D., C.; A., D.; A., P.; N., V.; V., F.; M., F.; P., B.; L., G.; A. J. L., H.; S., M.; I., V.; B., G.; S., A.; Aiuppa, A.	EARTH AND PLANETARY SCIENCE LETTERS	463		
349631	10447/296904	Sismotettonica del Margine Continentale della Sicilia nord-occidentale: implicazioni per la valutazione del geohazard	2017	Zizzo, E.; Sulli, A.; GASPARO MORTICELLI, M.				
273468	10447/225723	Small-scale variability in geomorphological settings influences mangrove-derived organic matter export in a tropical bay	2017	Signa, G; Mazzola, A; Kairo, J; Vizzini, S	BIOGEOSCIENCES	14	617	629
294854	10447/245787	Statistical approach for cavity detection using seismic refraction and electrical resistivity data	2017	Capizzi, P.; Martorana, R.; Carollo, A.; Vattano, M.			612	615
273220	10447/225514	Structural architecture and active deformation pattern in the northern sector of the Aeolian-Tindari-Letojanni fault system (SE Tyrrhenian Sea-NE Sicily) from integrated analysis of field, marine geophysical, seismological and geodetic data	2017	Cultrera, F.; Barreca, G.; Ferranti, L.; Monaco, C.; Pepe, F.; Passaro, S.; Barberi, G.; Bruno, V.; Mattia, M.; Musumeci, C.; Scarfi, L.	ITALIAN JOURNAL OF GEOSCIENCES	136	399	417
269335	10447/221974	SUBSTRATUM RECOGNITION AS SETTLEMENT CUE FOR LARVAE OF DENDROPOMA CRISTATUM (BIONDI, 1859) RICONOSCIMENTO DEL SUBSTRATO COME STIMOLO PER IL SETTLEMENT DI LARVE DI DENDROPOMA CRISTATUM(BIONDI, 1859)	2017	La Marca, E.; Franzitta, G.; Capruzzi, E.; Milazzo, M.; Chemello, R.				
277988	10447/229941	Supporting USLE-MM reliability by analyzing soil loss measurement errors	2017	Bagarello, V.; Ferro, V.	HYDROLOGICAL PROCESSES	31	847	853
275021	10447/227087	Temperature increases, hypoxia, and changes in food availability affect immunological biomarkers in the marine mussel <i>Mytilus galloprovincialis</i>	2017	Parisi, M.; Mauro, M.; Sara', G.; Cammarata, M.	JOURNAL OF COMPARATIVE PHYSIOLOGY. B, BIOCHEMICAL, SYSTEMIC, AND ENVIRONMENTAL PHYSIOLOGY	187	1117	1126

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313771	10447/263643	Testing mechanical characteristics of chestnut stakes used in bed sills for stream restoration	2017	Benfratello, S.; Di Stefano, C.; Ferro, V.; Palizzolo, L.	JOURNAL OF AGRICULTURAL ENGINEERING	48	161	166
282501	10447/234180	Testing Sediment Connectivity at the Experimental SPA2 Basin, Sicily (Italy)	2017	DI STEFANO, C.; Ferro, V.	LAND DEGRADATION & DEVELOPMENT			
363168	10447/309896	Testing the Modified Sediment Delivery Model (MOSEDD) at SPA2 Experimental Basin, Sicily (Italy)	2017	Di Stefano, C.; Ferro, V.	LAND DEGRADATION & DEVELOPMENT	28	1557	1567
282497	10447/234176	Testing the outflow process over a triangular labyrinth weir	2017	Carollo, F.; Ferro, V.; Pampalone, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	143	1	6
265405	10447/218774	Testing the use of an image-based technique to measure gully erosion at Sparacia experimental area	2017	Di Stefano, C; Ferro, V; Palmeri, V; Pampalone, V; Agnello, F	HYDROLOGICAL PROCESSES	31	573	585
282503	10447/234182	Testing the USLE-M family of models at the Sparacia experimental site in south Italy	2017	DI STEFANO, C.; Ferro, V.; Pampalone, V.	JOURNAL OF HYDROLOGIC ENGINEERING	22	1	11
289561	10447/240843	The Argonautica Orphica version of the voyage of the Argonauts: a geo-analysis	2017	Kalachanis, K.; PREKA PAPADEMA, P.; Kostikas, I.; Theodossiou, E.; Manimanis, V.; Panou, E.; Rotolo, S.; Kyriakopoulos, K.	MEDITERRANEAN ARCHAEOLOGY & ARCHAOMETRY	17	75	95
255680	10447/209516	The ascidian <i>Styela plicata</i> hemocytes as a potential biomarker of marine pollution: In vitro effects of seawater and organic mercury	2017	Parrinello, D.; Bellante, A.; Parisi, M.; Sanfratello, M.; Indelicato, S.; Piazzese, D.; Cammarata, M.	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	136	126	134
274987	10447/227053	The author's reply to N.R. Haddaway	2017	Mangano, M.; Sara', G.	JOURNAL OF ENVIRONMENTAL MANAGEMENT	197	114	116
275043	10447/227117	The behaviour of zirconium, hafnium and rare earth elements during the crystallisation of halite and other salt minerals	2017	Censi, P.; Inguaggiato, C.; Chiavetta, S.; Schembri, C.; Sposito, F.; Censi, V.; Zuddas, P.	CHEMICAL GEOLOGY	453	80	91
300833	10447/251140	The dynamics of slug trains in volcanic conduits: Evidence for expansion driven slug coalescence	2017	Pering, T.; Mcgonigle, A.; James, M.; Capponi, A.; Lane, S.; Tamburello, G.; Aiuppa, A.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	348	26	35
275033	10447/227129	The effect of the quality of diet on the functional response of <i>Mytilus galloprovincialis</i> (Lamarck, 1819): Implications for integrated multitrophic aquaculture (IMTA) and marine spatial planning	2017	Montalto, V.; Martinez, M.; Rinaldi, A.; Sara', G.; Mirto, S.	AQUACULTURE	468	371	377
300902	10447/251209	The effectiveness of fish feeding behaviour in mirroring trawling-induced patterns	2017	Mangano, M.; Bottari, T.; Caridi, F.; Porporato, E.; Rinelli, P.; Spanò ² , N.; Johnson, M.; Sarà , G.	MARINE ENVIRONMENTAL RESEARCH	131	195	204

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354298	10447/256395.2	THE EXPRESSION OF IMMUNE-RELATED GENES IS INVOLVED IN ASCIDIAN DEVELOPMENT	2017	Parrinello, N.; Parrinello, D.; Parisi, M.; Cammarata, M.			22	22
329738	10447/278745	The impact of natural and anthropogenic factors on groundwater quality in an active volcanic/geothermal system under semi-arid climatic conditions: The case study of Methana peninsula (Greece)	2017	D'Alessandro, W.; Bellomo, S.; Brusca, L.; Kyriakopoulos, K.; Calabrese, S.; Daskalopoulou, K.	JOURNAL OF GEOCHEMICAL EXPLORATION	175	110	119
289920	10447/252931	The influence of high pCO ₂ on otolith shape, chemical and carbon isotope composition of six coastal fish species in a Mediterranean shallow CO ₂ vent	2017	Mirasole, A.; Gillanders, B.; Reis-Santos, P.; Grassa, F.; Capasso, G.; Scopelliti, G.; Mazzola, A.; Vizzini, S.	MARINE BIOLOGY	164		
289547	10447/240833	The mosaic of the Frigidarium of "Villa Bonanno" in Palermo: mineralogical and petrographic analyses for in situ conservation and restoration interventions	2017	Montana, G.; Randazzo, L.; Vassallo, S.; Udine, F.			185	185
289921	10447/241168	The production of traditional building materials in Oristano (Sardinia, Italy)	2017	Tsantini, E.; Cau Ontiveros, M.; Montana, G.; Randazzo, L.	ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES	9	1495	1513
301293	10447/251562	The role of environmental education in Sicilian Marine Protected Areas	2017	Gianguzza, P.				
275019	10447/227085	The trophic transfer of persistent pollutants (HCB, DDTs, PCBs) within polar marine food webs	2017	Corsolini, S.; Sarà, G.	CHEMOSPHERE	177	189	199
300904	10447/251211	Thermal adaptation and physiological responses to environmental stress in tunicates	2017	Montaltov, ; Bagarella, R.; Rinaldi, A.; Sarà, G.; Mirto, S.	AQUATIC BIOLOGY	26	179	184
292346	10447/243412	Tidal notches, coastal landforms and relative sea-level changes during the Late Quaternary at Ustica Island (Tyrrhenian Sea, Italy)	2017	Furlani, S; Antonioli, F; Cavallaro, D; Chirco, P; Caldareri, F; Foresta Martin, F; Gasparo Morticelli, M; Monaco, C; Sulli, A; Quarta, G; Biolchi, S; Sannino, G; De Vita, S; Calcagnile, L; Agate, M	GEOMORPHOLOGY	299	94	106
273461	10447/225721	Trace element storage capacity of sediments in dead P. oceanica mat from a chronically contaminated marine ecosystem	2017	DI LEONARDO, R.; Mazzola, A.; Cundy, A.; Tramati, C.; Vizzini, S.	ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY	36	49	58
300535	10447/250854	Trophic flexibility of the Atlantic blue crab Callinectes sapidus in invaded coastal systems of the Apulia region (SE Italy): A stable isotope analysis	2017	Mancinelli, G.; Teresa Guerra, M.; Alujeviä, K.; Raho, D.; Zotti, M.; Vizzini, S.	ESTUARINE, COASTAL AND SHELF SCIENCE	198	421	431
256360	10447/210160	Tunisian tomato by-products, as a potential source of natural bioactive compounds	2017	Gharbi, S.; Renda, G.; La Barbera, L.; Amri, M.; Messina, C.; Santulli, A.	NATURAL PRODUCT RESEARCH	31	626	631

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300845	10447/251153	Ultraviolet imaging of volcanic plumes: A new paradigm in volcanology	2017	Mcgonigle, A.; Pering, T.; Wilkes, T.; Tamburello, G.; D'Aleo, R.; Bitetto, M.; Aiuppa, A.; Willmott, J.	GEOSCIENCES	7	68	
329747	10447/278749	Using mosses as biomonitors to study trace element emissions and their distribution in six different volcanic areas	2017	Arndt, J.; Calabrese, S.; D'Alessandro, W.; Planer-Friedrich, B.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	343	220	232
274795	10447/226878	Validation of a novel Multi-Gas sensor for volcanic HCl alongside H ₂ S and SO ₂ at Mt. Etna	2017	Roberts, T.; Lurton, T.; Giudice, G.; Liuzzo, M.; Aiuppa, A.; Coltelli, M.; Vignelles, D.; Salerno, G.; Couté, B.; Chartier, M.; Baron, R.; Saffell, J.; Scaillet, B.	BULLETIN OF VOLCANOLOGY	79		
277205	10447/229191	Vitamin D3 affects innate immune status of European sea bass (<i>Dicentrarchus labrax</i> L.)	2017	Dioguardi, M.; Guardiola, F.; Vazzana, M.; Cuesta, A.; Esteban, M.; Cammarata, M.	FISH PHYSIOLOGY AND BIOCHEMISTRY	43	1161	1174
273528	10447/225774	Volatile contents of mafic-to-intermediate magmas at San Cristóbal volcano in Nicaragua	2017	Robidoux, P.; Aiuppa, A.; Rotolo, S.; Rizzo, A.; Hauri, E.; Frezzotti, M.	LITHOS	272-273	147	163
300843	10447/251149	Volcanic gas emissions and degassing dynamics at Ubinas and Sabancaya volcanoes; implications for the volatile budget of the central volcanic zone	2017	Moussallam, Y.; Tamburello, G.; Peters, N.; Apaza, F.; Schipper, C.; Curtis, A.; Aiuppa, A.; Masias, P.; Boichu, M.; Bauduin, S.; Barnie, T.; Bani, P.; Giudice, G.; Moussallam, M.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	343	181	191
274802	10447/226884	Volcanic plume CO ₂ flux measurements at mount etna by mobile differential absorption lidar	2017	Santoro, S.; Parracino, S.; Fiorani, L.; D'Aleo, R.; Di Ferdinando, E.; Giudice, G.; Maio, G.; Nuvoli, M.; Aiuppa, A.	GEOSCIENCES	7	9	
274895	10447/226969	Warmer temperatures reduce the influence of an important keystone predator	2017	Bonaviri, C.; Graham, M.; Gianguzza, P.; Shears, N.	JOURNAL OF ANIMAL ECOLOGY	86	490	500
495983	10447/432494	Water temperature influences growth and gonad differentiation in European sea bass (<i>Dicentrarchus labrax</i> , L. 1758)	2017	Arfuso F.; Guerrera M.C.; Fortino G.; Fazio F.; Santulli A.; Piccione G.	THERIOGENOLOGY	88	145	151
313892	10447/252836.4	Zoologia. Cordati invertebrati	2017	Nicolò, P.; Matteo, C.; Fiorenza De Bernardi,				
275076	10447/227144	Zr-Hf fractionation during Water-Rock Interaction	2017	Zuddas, P.; Inguaggiato, C.; Censi, P.; D'Alessandro, W.	PROCEDIA EARTH AND PLANETARY SCIENCE	17	670	673
348509	10447/295834	3D Architecture and Plio-Quaternary evolution of the Paola Basin: New insights to the Forearc of the Tyrrhenian-Ionian Subduction System	2018	Corradino, M.; Pepe, F.; Bertotti, G.; Monaco, C.				
414812	10447/359208	3D structural modeling and restoration in fold-and-thrust belts: examples from the Kumeta and Busambra Mts., NW Sicily (Italy)	2018	Balestra, M.; Corrado, S.; Aldega, L.; Rudkiewicz, J.; GASPARO MORTICELLI, M.; Sulli, A.; Sassi, W.		20		
387698	10447/334575	A COMPARATIVE STUDY OF THE MOLLUSC COMMUNITIES OF A MEDITERRANEAN SALTWORK (Marsala, Western Sicily.	2018	Gianguzza, P.; Chemello, R.				

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383815	10447/330120	A new contribution to the alien macroalgal flora of the Ustica island marine protected area (Tyrrhenian sea, Italy)	2018	Mannino, Anna; Gambi, Maria; Dieli, Tiziana; Gianguzza, Paola	BIOINVASIONS RECORDS	7	367	373
405596	10447/350673	A SMALL INVADER CONQUERS SICILY: AMPHISTEGINA LOBIFERA (FORAMINIFERA: AMPHISTEGINIDAE)	2018	Guastella, R.; Mancin, N.; Caruso, A.; Balistreri, P.; Mannino, A.M.; Marchini, A.	BIOLOGIA MARINA MEDITERRANEA	25	216	217
318570	10447/271077	Active tectonics along the south east offshore margin of Mt. Etna: New insights from high-resolution seismic profiles	2018	Barreca, G.; Corradino, M.; Monaco, C.; Pepe, F.	GEOSCIENCES	8	1	16
348505	10447/295831	Active volcano-tectonic deformations: a 3D seismic reflection experiment in the resurgent dome of the NYT Caldera (Pozzuoli Bay, Campi Flegrei, Naples)	2018	Pepe, F.; Burrato, F.; Corradino, M.; de Jong, I.; Duarte, H.; Ferranti, L.; Hermosilha, H.; Monaco, C.; Monrigal, O.; Sacchi, M.; Sulli, A.; Tonielli, R.				
394064	10447/339742	ANALISI ARCHEOMETRICHE DELLA CERAMICA A DECORAZIONE GEOMETRICA DIPINTA E A VERNICE NERA	2018	Montana, G.; Randazzo, L.			95	97
338274	10447/286709	Analisi archeometriche su anfore fenicio-puniche dal sito di Himera.	2018	Montana, G.; Randazzo, L.		34	69	89
350956	10447/298092	Anti-cancer activity of di- and tri-organotin(IV) compounds with D-(+)-Galacturonic acid on human tumor cells	2018	Attanzio, Alessandro; Ippolito, Maristella; Girasolo, Maria Assunta; Saiano, Filippo; Rotondo, Archimede; Rubino, Simona; Mondello, Luigi; Capobianco, Massimo L.; Sabatino, Piera; Tesoriere, Luisa*; Casella, Girolamo	JOURNAL OF INORGANIC BIOCHEMISTRY	188	102	112
341186	10447/289279	Applying hypothesis of self-similarity for flow-resistance law in Calabrian gravel-bed rivers	2018	Ferro, V.; Porto, P.	JOURNAL OF HYDRAULIC ENGINEERING	144	04017061	
366574	10447/313232	Assessing dye-tracer technique for rill flow velocity measurements	2018	Di Stefano, Costanza; Ferro, Vito*; Palmeri, Vincenzo; Pampalone, Vincenzo	CATENA	171	523	532
344342	10447/292095	Assessing flow resistance in gravel bed channels by dimensional analysis and self-similarity	2018	Ferro, Vito	CATENA	169	119	127
341184	10447/289277	Assessing Stage-Discharge Relationships for Circular Overflow Structure	2018	Bijankhan, M.; Ferro, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	144	04017053	
413890	10447/358435	Assessing the effect of chromium pollution on benthic foraminiferal community: morphological vs. environmental metabarcoding approaches	2018	Frontalini, F.; Greco, M.; Di Bella, L.; Lejzerowicz, F.; Reo, E.; Cordier, T.; Caruso, A.; Cosentino, C.; Maccotta, A.; Scopelliti, G.; Martins, V.; Teresa Losada, M.; Armynot du Châtelet, E.; Coccioni, R.; Jan Pawlowski, A.				

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292302	10447/246564	Assessing the effect of mercury pollution on cultured benthic foraminifera community using morphological and eDNA metabarcoding approaches	2018	Frontalini, F.; Greco, M.; Di Bella, L.; Lejzerowicz, F.; Reo, E.; Caruso, A.; Cosentino, C.; Maccotta, A.; Scopelliti, G.; Nardelli M., P.; Losada M., T.; Armynot Du Châtelet, ; Coccioni, R.; Pawlowski, J.	MARINE POLLUTION BULLETIN	129	512	524
392508	10447/338336	Assessing theoretical flow velocity profile and resistance in gravel bed rivers by field measurements	2018	Porto, P.; Ferro, V.	JOURNAL OF AGRICULTURAL ENGINEERING	49	220	227
337445	10447/285898	Assessment of Gully Erosion Susceptibility Using Multivariate Adaptive Regression Splines and Accounting for Terrain Connectivity	2018	Conoscenti, Christian; Agnesi, Valerio; Cama, Mariaelena; Caraballo-Arias, Nathalie Alamaru; Rotigliano, Edoardo	LAND DEGRADATION & DEVELOPMENT	29	724	736
339189	10447/287533	Attualità dell'idraulica agraria e delle sistemazioni idraulico-forestali al cambiare dei tempi. Scritti in onore di Ignazio Melisenda Giambertoni	2018	Bagarello, V.; Ferro, V.; Giordano, G.	QUADERNI DI IDRONOMIA MONTANA	35		
406086	10447/351134	Baseline assessment of heavy metals content and trophic position of the invasive blue swimming crab <i>Portunus segnis</i> (Forskål, 1775) in the Gulf of Gabès (Tunisia)	2018	Annabi, A.; Bardelli, R.; Vizzini, S.; Mancinelli, G.	MARINE POLLUTION BULLETIN	136	454	463
300570	10447/250895	Basin analysis in the Southern Tethyan margin: Facies sequences, stratal pattern and subsidence history highlight extension-to-inversion processes in the Cretaceous Panormide carbonate platform (NW Sicily)	2018	Basilone, L.; Sulli, A.	SEDIMENTARY GEOLOGY	363	235	251
414786	10447/359176	Basins at convergent margins: evolution of the Messinian basins developed on top of the Sicilian Fold and Thrust belt	2018	Sulli, A.; Gasparo Morticelli, M.; Agate, M.				
351414	10447/298521	Beyond the mean: A comparison of trace- and macroelement correlation profiles of two lacustrine populations of the crayfish <i>Procambarus clarkii</i>	2018	Mancinelli, G.; Papadia, P.; Ludovisi, A.; Migoni, D.; Bardelli, R.; Fanizzi, F.; Vizzini, S.	SCIENCE OF THE TOTAL ENVIRONMENT	624	1455	1466
339127	10447/291381	Biostratigraphy and isotope stratigraphy of upper Maastrichtian–Danian marine deposits of the Kopet-Dagh Basin, northeast Iran	2018	Ezampanah, Yadolah; Scopelliti, Giovanna; Sadeghi, Abbas; Jamali, Amir Mohammad; Moghadam, Mohsen Yazdi; Kamyabi Shadan, Hossein	CRETACEOUS RESEARCH	90	97	114
301109	10447/251380	Boulder coastal deposits at Favignana Island rocky coast (Sicily, Italy): Litho-structural and hydrodynamic control	2018	Pepe, F.; Corradino, M.; Parrino, N.; Besio, G.; Valeria Lo, P.; Renda, P.; Calcagnile, L.; Quarta, G.; Sulli, A.; Antonioli, F.	GEOMORPHOLOGY	303	191	209

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347556	10447/294981	CAMPANIAN WINE FOR PUNIC SICILY: PETROGRAPHIC AND ARCHAEOLOGICAL STUDIES OF GRAECO-ITALIC AMPHORAE FROM PALERMO	2018	Bechtold, B.; Montana, G.; Randazzo, L.	MEDITERRANEAN ARCHAEOLOGY & ARCHAEOOMETRY. INTERNATIONAL SCIENTIFIC JOURNAL	18	11	33
355506	10447/302414	Ceramic production at Selinunte (Sicily) during the 4th and 3rd century BCE: New archaeometric data through the analysis of kiln wastes	2018	Montana, G.; Randazzo, L.; Tsantini, E.; Fourmont, M.	JOURNAL OF ARCHAEOLOGICAL SCIENCE: REPORTS	22	154	167
331128	10447/280019	Characterization of translationally controlled tumour protein from the sea anemone <i>Anemonia viridis</i> and transcriptome wide identification of cnidarian homologues	2018	Nicosia, A.; Bennici, C.; Biondo, G.; Costa, S.; di Natale, M.; Masullo, T.; Monastero, C.; Ragusa, M.; Tagliavia, M.; Cuttitta, A.	GENES	9	00	00
341194	10447/289287	Characterizing rainfall erosivity by kinetic power - Median volume diameter relationship	2018	Carollo, F.; Serio, M.; Ferro, V.; Cerdà, A.	CATENA	165	12	21
339194	10447/287538	CHECKING GENERALIZATION OF THE USLE-MM IN CENTRAL AND SOUTH ITALY	2018	Bagarello, V.; Ferro, V.; Pampalone, V.; Porto, P.; Todisco, F.; Vergni, L.	QUADERNI DI IDRONOMIA MONTANA	35	299	308
388767	10447/334907	CHEMICAL INVESTIGATION OF THE INVASIVE ALGA CAULERPA TAXIFOLIA VAR. DISTICHOPHYLLA FROM SICILIAN COASTS	2018	Noè, S.; Mollo, E.; Cutignano, A.; Carbone, M.; Defranoux, F.; Gianguzza, P.				
349805	10447/297066	Climatic and oceanographic changes in the Azores region during the last 74.7 Ka	2018	Bonfardeci, A.; Caruso, A.; Bartolini, A.; Bassinot, F.; Blanc-Valleron, M.	ALPINE AND MEDITERRANEAN QUATERNARY	31	105	108
392475	10447/338316	Closure to "Assessing stage-discharge relationships for circular overflow structure" by M. Bijankhan and V. ferro	2018	Vito Ferro; Moahmed Bijankhan	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING			
392497	10447/338327	Closure to "New theoretical solution of stage-discharge relationship for slit weirs" by Vito Ferro and Ismail Aydin	2018	Ferro, V.*; Aydin, I.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	144	1	2
401747	10447/347102	Cnidarian interaction with microbial communities: From aid to animal's health to rejection responses	2018	Stabili, L.; Parisi, M.; Parrinello, D.; Cammarata, M.	MARINE DRUGS	16	296	
344340	10447/292093	Comment on "Determining soil erodibility for the USLE-MM rainfall erosion model by P.I.A. Kinnell"	2018	Pampalone, V.; Di Stefano, C.; Ferro, V.	CATENA	167	440	443
392506	10447/338334	Comments on "Measurement of dimensionless Chezy coefficient in step-pool reach (Case study of Dizin River in Iran)" by Torabizadeh A., Tahershamsi A., Tabatabai M.R.M	2018	Ferro, V.	FLOW MEASUREMENT AND INSTRUMENTATION	64	190	193
349574	10447/296847	Comparing methods for computation of run-up heights of landslide-generated tsunami in the Northern Sicily continental margin	2018	Sulli, A.; Zizzo, E.; Albano, L.	GEO-MARINE LETTERS	38	439	455

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320980	10447/270425	Comparing theoretically supported rainfall-runoff erosivity factors at the Sparacia (South Italy) experimental site	2018	Bagarello, V.; DI STEFANO, C.; Ferro, V.; Pampalone, V.	HYDROLOGICAL PROCESSES	32	507	515
343434	10447/291290	Comparison of differences in resolution and sources of controlling factors for gully erosion susceptibility mapping	2018	Garosi, Younes; Sheklabadi, Mohsen*; Pourghasemi, Hamid Reza; Besalatpour, Ali Asghar; Conoscenti, Christian; Van Oost, Kristof	GEODERMA	330	65	78
344634	10447/292359	Contribution of HVSR measures for seismic microzonation studies	2018	Martorana, Raffaele; Capizzi, P.; D'Alessandro, Antonino; Luzio, D.; Di Stefano, P.; Renda, P.; Zarcone, G.	ANNALS OF GEOPHYSICS	61	1	17
351065	10447/298218	Correlation between extinction pattern and $\delta^{13}C$ fluctuations across the Triassic Jurassic boundary in shallow water settings: a proxy for the present day acidification processes	2018	Todaro, S.; Rigo, M.; Randazzo, V.; DI STEFANO, P.				
344632	10447/292363	Coseismic Damage at an Archaeological Site in Sicily, Italy: Evidence of Roman Age Earthquake Surface Faulting	2018	Bottari, C.; Martorana, R.; Scudero, S.; Capizzi, P.; Cavallaro, D.; Pisciotta, A.; D'Alessandro, A.; Coltelli, M.; Lodato, L.	SURVEYS IN GEOPHYSICS	39	1263	1284
346496	10447/294011	Dal mantello terrestre ai vulcani. Uno sguardo al vulcanismo degli ultimi 2 Ma nel Mediterraneo.	2018	Rotolo, S.			111	120
401687	10447/347058	Degassing vs. eruptive styles at Mt. Etna volcano (Sicily, Italy). Part I: Volatile stocking, gas fluxing, and the shift from low-energy to highly explosive basaltic eruptions	2018	Moretti, R.; Métrich, N.; Arienzo, I.; Di Renzo, V.; Aiuppa, A.; Allard, P.	CHEMICAL GEOLOGY	482	1	17
330334	10447/279298	Discussion of "extraction of the flow rate equation under free and submerged flow conditions in pivot weirs with different side contractions" by N. Sheikh Rezazadeh Nikou, M. J. Monem, and K. Safavi	2018	C. Di Stefano, V. Ferro, M. Bijankhan	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	144		
392464	10447/338298	Discussion of "Three Simple Flumes for Flow Measurement in Open Channels" by Zohrab Samani	2018	Ferro, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	144	07018028	
349802	10447/297062	Distribution and ecology of the Globigerinoides ruber — Globigerinoides elongatus morphotypes in the Azores region during the late Pleistocene-Holocene	2018	Bonfardeci, A.; Caruso, A.; Bartolini, A.; Bassinot, F.; Blanc-Valleron, M.	PALAEOGEOGRAPHY PALAEOCLIMATOLOGY PALAEOECOLOGY	491	92	111
392155	10447/338045	Downscaling hydrodynamics features to depict causes of major productivity of Sicilian-Maltese area and implications for resource management	2018	Capodici, Fulvio*; Ciraolo, Giuseppe; Cosoli, Simone; Maltese, Antonino; Mangano, M. Cristina; Sarà, Gianluca	SCIENCE OF THE TOTAL ENVIRONMENT	628-629	815	825

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401699	10447/347070	Dukono, the predominant source of volcanic degassing in Indonesia, sustained by a depleted Indian-MORB	2018	Bani, P.; Tamburello, G.; Rose-Koga, E.; Liuzzo, M.; Aiuppa, A.; Cluzel, N.; Amat, I.; Syahbana, D.; Gunawan, H.; Bitetto, M.	BULLETIN OF VOLCANOLOGY	80		
390086	10447/336190	Effect of a co-substrate supply in a MBR treating shipboard slop: Analysis of hydrocarbon removal, biomass activity and membrane fouling tendency	2018	Piazzese, D.; Corsino, S.; Torregrossa, M.; Bongiorno, D.; Indelicato, S.; Viviani, G.	BIOCHEMICAL ENGINEERING JOURNAL	140	178	188
390494	10447/336583	Efficiency of Target Larvicides Is Conditioned by ABC-Mediated Transport in the Zoonotic Nematode <i>Anisakis pegreffii</i>	2018	Mladineo, I.; Trumbić, Ž.; Hrabar, J.; Vrbatović, A.; Bušelić, I.; Ujević, I.; Roje-Busatto, R.; Babić, I.; Messina, C.	ANTIMICROBIAL AGENTS AND CHEMOTHERAPY	62		
381616	10447/327971	Electron-density critical points analysis and catastrophe theory to forecast structure instability in periodic solids	2018	Merli, M.; Pavese, A.	ACTA CRYSTALLOGRAPHICA. SECTION A, FOUNDATIONS AND ADVANCES	74	102	111
401752	10447/347106	Elie metchnikoff and the multidisciplinary link novelty among zoology, embryology and innate immunity	2018	Cammarata, M.; Pagliara, P.	INVERTEBRATE SURVIVAL JOURNAL	15	234	239
353135	10447/300163	Etna International Training School of Geochemistry, 2018. Science meets practice.	2018	Daskalopoulou, K.; Bobrowski, N.; Calabrese, S.; Giuffrida, G.; Pecoraino, G.; Tassi, F.; Bitetto, M.; Capecchiacci, F.; Kuhn, J.; Randazzo, L.; Tamburello, G.; Venturi, S.	GEOPHYSICAL RESEARCH ABSTRACTS			
405286	10447/350428	Evaluation of debris flow susceptibility in El Salvador (CA): a comparison between Multivariate Adaptive Regression Splines (MARS) and Binary Logistic Regression (BLR)	2018	Rotigliano, E.; Martinello, C.; Agnesi, V.; Conoscenti, C.	HUNGARIAN GEOGRAPHICAL BULLETIN	67	361	373
381607	10447/327966	Evidence for a different electronic configuration as a primary effect during compression of orthorhombic perovskites: The case of NdM ₃ + O ₃ (M=Cr, Ga)	2018	Ardit, M.; Dondi, M.; Merli, M.; Cruciani, G.	PHYSICAL REVIEW. B	97		
345911	10447/293485	Evidence of active fluid seepage (AFS) in the southern region of the central Mediterranean Sea	2018	Spatola, D.; Micallef, A.; Sulli, A.; Basilone, L.; Basilone, G.	MEASUREMENT	128	247	253
369610	10447/316215	Evidence of Roman Earthquake Surface Faulting at Santa Venera al Pozzo (Catania, Southern Italy): a probable seismic event in 251 AD?	2018	Bottari, C.; Capizzi, P.; Cavallaro, D.; Giammanco, S.; Martorana, R.; Scudero, S.; Sortino, F.; Bonfanti, P.		37	15	20
351406	10447/298513	Experimental rearing of the sea urchin <i>Paracentrotus lividus</i> fed with discards of the lettuce <i>Lactuca sativa</i> in a sea-based system	2018	Vizzini, S.; Visconti, G.; Vaccaro, A.; Mazzola, A.	AQUACULTURE RESEARCH	49	631	636

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341201	10447/289293	Experimental study and numerical simulation of inclined rectangular weirs	2018	Bijankhan, M.; Ferro, V.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	144	04018012	
366558	10447/313225	Experiments for testing soil texture effects on flow resistance in mobile bed rills	2018	Palmeri, Vincenzo; Pampalone, Vincenzo; Di Stefano, Costanza; Nicosia, Alessio; Ferro, Vito*	CATENA	171	176	184
297707	10447/248316	Explosive eruptive history of Pantelleria, Italy: Repeated caldera collapse and ignimbrite emplacement at a peralkaline volcano	2018	Jordan, N.; Rotolo, S.; Rebecca, W.; Fabio, S.; Mcintosh, W.; Branney, M.; Stéphane, S.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	349	47	73
348126	10447/295502	Facies Architecture and Evolution of a Cretaceous, Tectonically-Controlled, Carbonate Slope from Western Sicily (Italy)	2018	DI STEFANO, P.; Randazzo, V.; Simona Cacciatore, M.; Todaro, S.				
344344	10447/292097	Flow measurement using circular portable flume	2018	Lotfi Kolavani, F.; Bijankhan, M.; Di Stefano, C.; Ferro, V.; Mahdavi Mazdeh, A.	FLOW MEASUREMENT AND INSTRUMENTATION	62	76	83
392495	10447/338323	Flow resistance law under equilibrium bed-load transport conditions	2018	Ferro, V.	FLOW MEASUREMENT AND INSTRUMENTATION	64	1	8
295989	10447/246809	Food selection of a generalist herbivore exposed to native and alien seaweeds	2018	Noè, S.; Badalamenti, F.; Bonaviri, C.; Musco, L.; VEGA FERNANDEZ, T.; Vizzini, S.; Gianguzza, P.	MARINE POLLUTION BULLETIN	129	469	473
352921	10447/300053	Fumarolic alteration products of three hydrothermal areas of Greece: Chemical characterization and environmental impact.	2018	LI VIGNI, L.; Daskalopoulou, K.; Randazzo, L.; Kyriakopoulos, K.; Bellomo, S.; Brusca, L.; Calabrese, S.; D'Alessandro, W.				
401697	10447/347068	Gas emissions and crustal deformation from the Krýsuvík high temperature geothermal system, Iceland	2018	Gudjónsdóttir, Sýlvía Rakel; Ilyinskaya, Evgenia; Hreinsdóttir, Sigrún; Bergsson, Baldur; Pfeffer, Melissa Anne; Michalczewska, Karolina; Aiuppa, Alessandro; Óladóttir, Audur Agla	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	391		
353137	10447/300167	Gas geochemistry and CO2 output estimation of Milos Island (Greece)	2018	D'Alessandro, W.; Daskalopoulou, K.; Calabrese, S.; Longo, M.; Kyriakopoulos, K.; Gagliano, A.; Hantzis, K.	GEOPHYSICAL RESEARCH ABSTRACTS			
279862	10447/231713	Generalised stage-discharge relationship for rectangular weirs	2018	Bijankhan, M.; DI STEFANO, C.; Ferro, V.	WATER MANAGEMENT	171	125	133
401681	10447/347052	Geochemistry and isotope composition (Sr, Pb, $\delta^{66}\text{Zn}$) of Vulcano fumaroles (Aeolian Islands, Italy)	2018	Chiaradia, M.; Pujol-Solà, N.; Farré-de-Pablo, J.; Aiuppa, A.; Paonita, A.; Rizzo, A.; Brusca, L.	CHEMICAL GEOLOGY	493	153	171
415013	10447/359398	Geomorphological map of urban area of Palermo (Italy)	2018	Agnesi, V.; Cappadonia, C.; Agate, M.; Di Maggio, C.				
348874	10447/293753. 3	Geositi e tutela del paesaggio	2018	Agnesi, V.			101	109

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401693	10447/347064	Ground-Based measurements of the 2014-2015 holuhraun volcanic cloud (Iceland)	2018	Pfeffer, M.; Bergsson, B.; Barsotti, S.; Stefánsdóttir, G.; Galle, B.; Arellano, S.; Conde, V.; Donovan, A.; Ilyinskaya, E.; Burton, M.; Aiuppa, A.; Whitty, R.; Simmons, I.; Arason, Þ.; Jónasdóttir, E.; Keller, N.; Yeo, R.; Arngrímsson, H.; Jóhannsson, Þ.; Butwin, M.; Askew, R.; Dumont, S.; Von Löwis, S.; Ingvarsson, Þ.; La Spina, A.; Thomas, H.; Prata, F.; Grassa, F.; Giudice, G.; Stefánsson, A.; Marzano, F.; Montopoli, M.; Mereu, L.	GEOSCIENCES	8	29	
407422	10447/352332	High-frequency climate fluctuations over the last deglaciation in the Alboran Sea, Western Mediterranean: Evidence from calcareous plankton assemblages	2018	Bazzicalupo, P, Maiorano, P, Girone, A, Marino, M., Combourieu-Nebout, N, Incarbona, A.	PALAEOGEOGRAPHY, PALAEOCLIMATOLOGY, PALAEOECOLOGY	506	226	241
366461	10447/313286	Hillslope degradation in representative Italian areas: Just soil erosion risk or opportunity for development?	2018	Brandolini, Pierluigi*; Pepe, Giacomo; Capolongo, Domenico; Cappadonia, Chiara; Cevasco, Andrea; Conoscenti, Christian; Marsico, Antonella; Vergari, Francesca; Del Monte, Maurizio	LAND DEGRADATION & DEVELOPMENT	29	3050	3068
414826	10447/359217	Hinterland-verging thrusting in the northern Sicily continental margin: a late collisional stage of the Sicilian Fold and Thrust Belt?	2018	Sulli, A.; GASPARO MORTICELLI, M.; Agate, M.; Zizzo, E.				
414841	10447/359228	Hinterland-Verging Thrusting in the Northern Sicily Continental Margin: Evidences for a Late Collisional Stage of the Sicilian Fold and Thrust Belt?	2018	Sulli, A.; GASPARO MORTICELLI, M.; Agate, M.; Zizzo, E.		1	251	253
385073	10447/331384	Identification of CPE and GAIT elements in 3'UTR of macrophage migration inhibitory factor (MIF) involved in inflammatory response induced by LPS in Ciona robusta	2018	Vizzini, A.; Parisi, M.; DI FALCO, F.; Laura, C.; Cammarata, M.; Arizza, V.	MOLECULAR IMMUNOLOGY	99	66	74
414803	10447/359192	Il carsismo nei gessi della Sicilia occidentale	2018	Madonia, G.; Vattano, M.		1	335	357
412924	10447/357390	Immune-Endocrine Interactions in the Fish Gonad during Infection: An Open Door to Vertical Transmission	2018	Valero, Y.; Cuesta, A.; Cammarata, M.; Angeles Esteban, M.; Chaves-Pozo, E.	FISHES	3	1	22
391027	10447/337243	Improving the accuracy of rainfall prediction using a regionalization approach and neural networks	2018	Arab Amiri, M.; Conoscenti, C.; Mesgari, M.	MAGALLAT AL-KUWAYT LI-L-'ULUM	45	66	75

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295411	10447/246289	In the ovary of <i>Ciona intestinalis</i> (Type A), immune-related galectin and phenoloxidase genes are differentially expressed by the follicle accessory cells	2018	Parrinello, D.; Sanfratello, M.; Parisi, M.; Vizzini, A.; Cammarata, M.	FISH AND SHELLFISH IMMUNOLOGY	72 (2018)		
351403	10447/298511	In vivo exposure of the marine sponge <i>Chondrilla nucula</i> Schmidt, 1862 to cadmium (Cd), copper (Cu) and lead (Pb) and its potential use for bioremediation purposes	2018	Ferrante, Margherita; Vassallo, Marilisa; Mazzola, Antonio; Brundo, Maria Violetta; Pecoraro, Roberta; Grasso, Alfina; Copat, Chiara*	CHEMOSPHERE	193	1049	1057
300906	10447/251213	Influence of environmental factors and biogenic habitats on intertidal meiofauna	2018	Ape, F.; Sarà , G.; Airoldi, L.; Mancuso, F.; Mirto, S.	HYDROBIOLOGIA	807	349	366
401977	10447/347329	Influence of salt of different origin on the microbiological characteristics, histamine generation and volatile profile of salted anchovies (<i>Engraulis encrasicolus</i> L.)	2018	Alfonzo, A.; Gaglio, R.; Francesca, N.; Barbera, M.; Saiano, F.; Santulli, A.; Matraxia, M.; Rallo, F.; Moschetti, G.	FOOD CONTROL	92	301	311
346239	10447/303885	Integrated Geophysical Investigations at the Greek Kamarina Site (Southern Sicily, Italy)	2018	Scudero, S.; Martorana, R.; Capizzi, P.; Pisciotta, A.; D'Alessandro, A.; Bottari, C.; Di Stefano, G.	SURVEYS IN GEOPHYSICS	39	1181	1200
351410	10447/298517	Integrating multiple stressors in aquaculture to build the blue growth in a changing sea	2018	Sarà, G.; Mangano, M.; Johnson, M.; Mazzola, A.	HYDROBIOLOGIA	809	5	17
405582	10447/350666	Invasive Amphisteginids conquer the Sicily Channel and knock on the door of the Western Mediterranean Sea	2018	Guastella, R.; Marchini, A.; Caruso, A.; Evans, J.; Balistreri, P.; Mannino, A.M.; Langer, M.; Mancin, N.			256	256
353882	10447/306695	Investigating the ecology of <i>Chara cf. baltica</i> (Characeae) in the Lago Preola ecosystem (Sicily, Italy)	2018	Troia, A.; Geraci, A.; Oddo, E.; Vizzini, S.			42	42
414737	10447/359156	La Conca d'Oro e la valle del Fiume Oreto	2018	Agate, M.; Di Maggio, C.; Montana, G.; Todaro, P.; Vattano, M.		n. 13 (Vol. 1)	87	113
414126	10447/358642	La forma del rilievo terrestre e il problema della convergenza morfologica	2018	Di Maggio, C.	QUADERNI DI RICERCA IN DIDATTICA	Numero Speciale N.1	30	55
388789	10447/334928	LAND AND SEA JOINT – THE EDUCATIONAL PROJECT TERRAMARE.	2018	Gianguzza, P.; Visconti, G.; Casamento, G.; Zava, B.; Bartolomeo, G.				
344932	10447/293471	LANDFILL SITE SELECTION FOR MUNICIPAL SOLID WASTE BY USING AHP METHOD IN GIS ENVIRONMENT: WASTE MANAGEMENT DECISION-SUPPORT IN SICILY (ITALY)	2018	Randazzo, L.; Cusumano, A.; Oliveri, G.; Di Stefano, P.; Renda, P.; Perricone, M.; Zarcone, G.	DETRITUS	2	77	88
414820	10447/359206	Landslide inventory and rockfall risk assessment of the Monte Pellegrino Oriented Nature Reserve area (Sicily)	2018	Cafiso, F.; Cappadonia, C.			726	726

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407424	10447/352337	Late Pleistocene-Holocene coastal adaptation in central Mediterranean: Snapshots from Grotta d'Oriente (NW Sicily)	2018	Colonese, A.; Lo Vetro, D.; Landini, W.; Di Giuseppe, Z.; Hausmann, N.; Demarchi, B.; D'Angelo, C.; Leng, M.; Incarbona, A.; Whitwood, A.; Martini F., B.	QUATERNARY INTERNATIONAL	493	114	126
341753	10447/289759	Late Quaternary palaeoenvironmental reconstruction of sediment drift accumulation in the Malta Graben (central Mediterranean Sea)	2018	Ferraro, S.; Sulli, A.; Di Stefano, E.; Giaramita, L.; Incarbona, A.; Graham Mortyn, P.; Sprovieri, M.; Sprovieri, R.; Tonielli, R.; Vallefucio, M.; Zizzo, E.; Tranchida, G.	GEO-MARINE LETTERS	38	241	258
289776	10447/241049	Lead isotopic fingerprint in human scalp hair: The case study of Iglesias mining district (Sardinia, Italy)	2018	Varrica, D.; Dongarrà, G.; Alaimo, M.; Monna, F.; Losno, R.; Sanna, E.; De Giudici, G.; Tamburo, E.	SCIENCE OF THE TOTAL ENVIRONMENT	613-614	456	461
392854	10447/338631	Living in a high CO2 world: a global meta-analysis shows multiple trait-mediated fish responses to ocean acidification	2018	Cattano, Carlo; Claudet, Joachim; Domenici, Paolo; Milazzo, Marco	ECOLOGICAL MONOGRAPHS	88	320	335
353031	10447/300078	Ludovico Sicardi, an unknown pioneer of the Volcanic Geochemical Monitoring	2018	S. Calabrese, L. Li Vigni, F. Brugnone, K. Daskalopoulou, M. Valenza			414	414
337941	10447/287398	Major and trace elements in <i>Boletus aereus</i> and <i>Clitopilus prunulus</i> growing on volcanic and sedimentary soils of Sicily (Italy)	2018	Alaimo, M.G.; Dongarrà, Gaetano; La Rosa, A.; Tamburo, E.; Vasquez, G.; Varrica, D.	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	157	182	190
414724	10447/359117	Malta and Sicily Joined by Geoheritage Enhancement and Geotourism within the Framework of Land Management and Development	2018	Cappadonia, C.; Coratza, P.; Agnesi, V.; Soldati, M.	GEOSCIENCES	8	253	
318051	10447/267583	Maristem—Stem Cells of Marine/Aquatic Invertebrates: From Basic Research to Innovative Applications	2018	Ballarin, L.; Rinkevich, B.; Bartscherer, K.; Burzynski, A.; Cambier, S.; Cammarata, M.; Domart-Coulon, I.; Drobne, D.; Encinas, J.; Frank, U.; Geneviere, A.; Hobmayer, B.; Löhelaid, H.; Lyons, D.; Martinez, P.; Oliveri, P.; Peric, L.; Piraino, S.; Ramšak, A.; Rakers, S.; Rentzsch, F.; Rosner, A.; Henriques da Silva, T.; Somorjai, I.; Suleiman, S.; Varela Coelho, A.	SUSTAINABILITY	10		
341188	10447/289281	Measuring hydrological connectivity inside a soil by low field nuclear magnetic resonance relaxometry	2018	Conte, P.; Ferro, V.	HYDROLOGICAL PROCESSES	32	93	101

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351408	10447/298515	Measuring the effects of temperature rise on Mediterranean shellfish aquaculture	2018	Martinez, Marco; Mangano, M. Cristina; Maricchiolo, Giulia; Genovese, Lucrezia; Mazzola, Antonio; Sarà, Gianluca	ECOLOGICAL INDICATORS	88	71	78
392817	10447/338641	Mediterranean Bioconstructions Along the Italian Coast	2018	Ingrosso, Gianmarco; Abbiati, Marco; Badalamenti, Fabio; Bavestrello, Giorgio; Belmonte, Genuario; Cannas, Rita; Benedetti-Cecchi, Lisandro; Bertolino, Marco; Bevilacqua, Stanislao; Bianchi, Carlo Nike; Bo, Marzia; Boscari, Elisa; Cardone, Frine; Cattaneo-Vietti, Riccardo; Cau, Alessandro; Cerrano, Carlo; Chemello, Renato; Chimienti, Giovanni; Congiu, Leonardo; Corriero, Giuseppe; Costantini, Federica; De Leo, Francesco; Donnarumma, Luigia; Falace, Annalisa; Frascchetti, Simonetta; Giangrande, Adriana; Gravina, Maria Flavia; Guarnieri, Giuseppe; Mastrototaro, Francesco; Milazzo, Marco; Morri, Carla; Musco, Luigi; Pezzolesi, Laura; Piraino, Stefano; Prada, Fiorella; Ponti, Massimo; Rindi, Fabio; Russo, Giovanni Fulvio; Sandulli, Roberto; Villamor, Adriana; Zane, Lorenzo; Boero, Ferdinando	ADVANCES IN MARINE BIOLOGY	79	61	136
453021	10447/393963	Meiofauna associated with vermetid reefs: the role of macroalgae in increasing habitat size and complexity	2018	Ape F.; Gristina M.; Chemello R.; Sara G.; Mirto S.	CORAL REEFS	37	875	889
340814	10447/288956	Microbial communities of polluted sub-surface marine sediments	2018	Valentina Catania; Simone Cappello ; Vincenzo Di Giorgi; Santina Santisi; Roberta Di Maria; Antonio Mazzola; Salvatrice Vizzini; Paola Quatrini.	MARINE POLLUTION BULLETIN	131	396	406
379194	10447/325681	Misinterpretation caused by 3D effects on 2D Electrical Resistivity Tomography: tests on simple models	2018	Martorana, R.; Capizzi, P.; Carollo, A.				
351416	10447/298523	Modelling biogeochemical processes in sediments from the north-western Adriatic Sea: Response to enhanced particulate organic carbon fluxes	2018	Brigolin, D.; Rabouille, C.; Bombed, B.; Colla, S.; Vizzini, S.; Pastres, R.; Pranovi, F.	BIOGEOSCIENCES	15	1347	1366

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392492	10447/338321	Modelling sediment delivery using connectivity components at the experimental SPA2 basin, Sicily (Italy)	2018	Di Stefano, C.; Ferro, V.	JOURNAL OF MOUNTAIN SCIENCE	15	1868	1880
317235	10447/266755	Morphological characterization of calanchi (badland) hillslope connectivity	2018	Caraballo-Arias, N.; Di Stefano, C.; Ferro, V.	LAND DEGRADATION & DEVELOPMENT	29	1190	1197
414836	10447/359220	Mud volcanoes as key-systems to investigate continental degassing and the role of seismicity on mass transfer	2018	Buttitta, D.; Caracausi, A.; Favara, R.; GASPARO MORTICELLI, M.; Sulli, A.		20		
352869	10447/299939	Multiple origins of methane in fluids circulating in the Othrys ophiolite, central Greece	2018	Daskalopoulou, K.; Calabrese, S.; Grassa, F.; D'Alessandro, W.				
379140	10447/325656	Multivariate geophysical survey to detect a shallow fault zone in a landfill project area	2018	Capizzi, P.; Carollo, A.; Gasparo Morticelli, M.; Martorana, R.; Sulli, A.				
369637	10447/316220	Multivariate modelling of geophysical tomography data to identify a tectonized area	2018	Capizzi, P.; Carollo, A.; Gasparo Morticelli, M.; Martorana, R.; Sulli, A.		37	84	87
349892	10447/297193	Native predators control the population of an invasive crab in no-take marine protected areas	2018	Noè, S.; Gianguzza, P.; Francesco Di Trapani, ; Badalamenti, F.; Vizzini, S.; VEGA FERNANDEZ, T.; Chiara, B.	AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS	28	1229	1237
314608	10447/264334	Natural acidification changes the timing and rate of succession, alters community structure, and increases homogeneity in marine biofouling communities	2018	Brown, N.; Milazzo, M.; Rastrick, S.; Hall-Spencer, J.; Therriault, T.; Harley, C.	GLOBAL CHANGE BIOLOGY	24	e112	e127
401685	10447/347056	New insights into the magmatic-hydrothermal system and volatile budget of Lastarria volcano, Chile: Integrated results from the 2014 IAVCEI CCVG 12th Volcanic Gas Workshop	2018	Lopez, T.; Aguilera, F.; Tassi, F.; Maarten de Moor, J.; Bobrowski, N.; Aiuppa, A.; Tamburello, G.; Rizzo, A.; Liuzzo, M.; Viveiros, F.; Cardellini, C.; Silva, C.; Fischer, T.; Jean-Baptiste, P.; Kazayaha, R.; Hidalgo, S.; Malowany, K.; Lucic, G.; Bagnato, E.; Bergsson, B.; Reath, K.; Liotta, M.; Carn, S.; Chiodini, G.	GEOSPHERE	14	983	1007
385229	10447/331515	New insights on secondary minerals from Italian sulfuric acid caves	2018	D'angeli, Ilenia M.*; Carbone, Cristina; Nagostinis, Maria; Parise, Mario; Vattano, Marco; Madonna, Giuliana; Waele, Jo De	INTERNATIONAL JOURNAL OF SPELEOLOGY	47	271	291
355541	10447/303887	New Perspectives on Geophysics for Archaeology: A Special Issue	2018	Deiana R., Leucci G., Martorana R.	SURVEYS IN GEOPHYSICS	39	1035	1038
392502	10447/338332	New stage-discharge relationship for inclined non-rectangular weirs	2018	Ferro, V.	FLOW MEASUREMENT AND INSTRUMENTATION	64	9	13

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341190	10447/289283	New Theoretical solution of stage-discharge relationship for slit weirs	2018	Ferro, V.; Aydin, I.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	144	06018001	
388797	10447/334999	NON-INDIGENOUS SPECIES AND MARINE PROTECTED AREAS	2018	Gianguzza P., Zava B., Balisteri P., Mannino A. M.			113	113
341246	10447/292361	Non-invasive Geophysical Surveys in Search of the Roman Temple of Augustus Under the Cathedral of Tarragona (Catalonia, Spain): A Case Study	2018	Casas, A.; Cosentino, P.; Fiandaca, G.; Himi, M.; Macias, J.; Martorana, R.; Muñoz, A.; Rivero, L.; Sala, R.; Teixell, I.	SURVEYS IN GEOPHYSICS	39	1107	1124
392821	10447/338604	Ocean acidification drives community shifts towards simplified non-calcified habitats in a subtropical-temperate transition zone	2018	Agostini, S.; Harvey, B.; Wada, S.; Kon, K.; Milazzo, M.; Inaba, K.; Hall-Spencer, J.	SCIENTIFIC REPORTS	8	11354	
294865	10447/245794	One-Pot Analysis: a New Integrated Methodology for Determination of TAG and FA Determination through LC/MS and in-silico Saponification	2018	Indelicato, S.; Bongiorno, D.; Ceraulo, L.; Emmanuello, C.; Mazzotti, F.; Siciliano, C.; Piazzese, D.	FOOD ANALYTICAL METHODS	11	873	882
353133	10447/300165	Origin of He and CO2 in the gas manifestations of Greece.	2018	Daskalopoulou, K.; Gagliano, A.; Calabrese, S.; D'Alessandro, W.	GEOPHYSICAL RESEARCH ABSTRACTS			
329765	10447/278767	Origin of methane and light hydrocarbons in natural fluid emissions: A key study from Greece	2018	Daskalopoulou, Kyriaki; Calabrese, Sergio; Grassa, Fausto; Kyriakopoulos, Konstantinos; Parello, Francesco; Tassi, Franco; D'Alessandro, Walter*	CHEMICAL GEOLOGY	479	286	301
349772	10447/347003	PALAEOECOLOGY AND TAPHONOMY OF THE STRAIGHT-TUSKED ELEPHANT LATE MIDDLE PLEISTOCENE SITE OF POGGETTI VECCHI (SOUTHERN TUSCANY, ITALY)	2018	Capalbo, C.; Paul Peter Anthony Mazza, ; Masini, F.; Andrea, S.	ALPINE AND MEDITERRANEAN QUATERNARY	31	43	48
422814	10447/366448	Paleocarta del Valdarno: esperienze di valorizzazione del territorio	2018	Borrani, A.; Faraoni, M.; Franci, D.; Savorelli, A.; Facchino, E.				
422291	10447/366444	Paleocarta del Valdarno: un nuovo strumento per la didattica e la ricerca	2018	Borrani, A.; Faraoni, M.; Franci, D.; Savorelli, A.			78	78
348500	10447/295826	Perforazione della Caldera dei Campi Flegrei - Una proposta anfibia IODP-ICDP	2018	Sacchi, M.; DE NATALE, G.; Steinmann, L.; Spiess, V.; Acocella, V.; Bonneville, A.; Corradino, M.; DE SILVA, S.; Fedele, L.; Geshi, N.; Insinga, D.; Jurado, M.; Kilburn, C.; Matano, F.; Milia, A.; Molisso, F.; Moretti, R.; Morra, V.; Passaro, S.; Pepe, F.; Petrosino, P.; Porfido, S.; Scarpato, C.; Schmincke, H.; Somma, R.; Sumita, M.; Tonielli, R.; Troise, C.; Tamburrino, S.; Vallefucio, M.; Ventura, G.				

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333751	10447/282449	Phase equilibria of Pantelleria trachytes (Italy): constraints on pre-eruptive conditions and on the metaluminous to peralkaline transition in silicic magmas.	2018	Pierangelo Romano, Joan Andujar, Bruno Scaillet, Nunzia Romengo, Ida di Carlo, Silvio G. Rotolo	JOURNAL OF PETROLOGY	59	559	588
346745	10447/294839	Planktonic foraminifera biozones and isotope stratigraphy of the Cenomanian-Turonian boundary in the western part of the Kopet-Dagh Basin, NE Iran	2018	Ezampanah, Y.; Sadeghi, A.; Scopelliti, G.; Adabi, M.; Jamali, A.	JOURNAL OF AFRICAN EARTH SCIENCES	147	657	670
339198	10447/287540	PLOT LENGTH EFFECTS ON RUNOFF AND SOIL EROSION AT THE SPARACIA EXPERIMENTAL SITE	2018	Bagarello, V.; Ferro, V.	QUADERNI DI IDRONOMIA MONTANA	35	289	297
353085	10447/300149	Potentially harmful elements accumulation in fumarolic alteration products at three hydrothermal systems of Greece	2018	D'Alessandro, W.; Bellomo, S.; Brusca, L.; Calabrese, S.; Daskalopoulou, K.; Kyriakopoulos, K.; Vigni, L.; Randazzo, L.; LI VIGNI, L.				
345308	10447/292983	Predicting effective aquaculture in subtropical waters: A dynamic energy budget model for the green lipped mussel, <i>Perna viridis</i>	2018	Cheng, M.; Tan, A.; Rinaldi, A.; Giacoletti, A.; Sarà, G.; Williams, G.	AQUACULTURE	495	749	756
339915	10447/288172	Predicting plot soil loss by empirical and process-oriented approaches. A review	2018	Bagarello, V.; Ferro, V.; Flanagan, D.	JOURNAL OF AGRICULTURAL ENGINEERING	49	1	18
341196	10447/289289	Predicting rainfall erosivity by momentum and kinetic energy in Mediterranean environment	2018	Carollo, F.; Ferro, V.; Serio, M.	JOURNAL OF HYDROLOGY	560	173	183
351412	10447/298519	Predicting shifting sustainability trade-offs in marine finfish aquaculture under climate change	2018	Sarà, Gianluca; Gouhier, Tarik C.; Brigolin, Daniele; Porporato, Erika M. D.; Mangano, Maria Cristina; Mirto, Simone; Mazzola, Antonio; Pastres, Roberto	GLOBAL CHANGE BIOLOGY	24	3654	3665
332413	10447/281195	Predicting soil loss in central and south Italy with a single USLE-MM model	2018	Bagarello, V.; Ferro, V.; Pampalone, V.; Porto, P.; Todisco, F.; Vergni, L.	JOURNAL OF SOILS AND SEDIMENTS	18	3365	3377
345306	10447/292981	Predicting the effectiveness of oil recovery strategies in the marine polluted environment	2018	Giacoletti, A.; Cappello, S.; Mancini, G.; Mangano, M.; Sarà, G.	JOURNAL OF ENVIRONMENTAL MANAGEMENT	223	749-757	757
353143	10447/300161	Preliminary results of biomonitoring survey at Virunga Volcanic Province (D.R. Congo), Eastern Africa.	2018	Shamavu, P.; Balagizi, C.; Bellomo, S.; Brusca, L.; Bobrowski, N.; D'Alessandro, W.; Daskalopoulou, K.; Bruno Giuffrida, G.; Karume, K.; Tedesco, D.; Calabrese, S.	GEOPHYSICAL RESEARCH ABSTRACTS			
403708	10447/348963	Rapid migration of CO ₂ -rich micro-fluids in calcite matrices	2018	Zuddas, P.; Salvi, S.; Lopez, O.; De Giudici, G.; Censi, P.	SCIENTIFIC REPORTS	8	14080	
367504	10447/314152	Reaction between Indazole and Pd-Bound Isocyanides-A Theoretical Mechanistic Study	2018	Casella, G.; Casarin, M.; Kukushkin, V.; Kuznetsov, M.	MOLECULES	23	2942	

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300771	10447/251086	Recognition of earthquake-induced damage in the Abakainon necropolis (NE Sicily): results from geomorphological, geophysical and numerical analyses	2018	Bottari, C.; Albano, M.; Capizzi, P.; D'Alessandro, A.; Doumaz, F.; Martorana, R.; Moro, M.; Saroli, M.	PURE AND APPLIED GEOPHYSICS	175	133	148
406095	10447/351136	Regime shifts and alternative stable states in intertidal rocky habitats: State of the art and new trends of research	2018	Chemello, S.; Vizzini, S.; Mazzola, A.	ESTUARINE, COASTAL AND SHELF SCIENCE	214	57	63
340023	10447/288275	Root hair anatomy and morphology in Posidonia oceanica (L.) Delile and substratum typology: First observations of a spiral form	2018	Tomasello, Agostino; Perrone, Rosaria; Colombo, Paolo; Pirrotta, Maria; Calvo, Sebastiano	AQUATIC BOTANY	145	45	48
406099	10447/351140	Seasonal variability of diet and trophic level of the gelatinous predator Pelagia noctiluca (Scyphozoa)	2018	Milisenda G.; Rossi S.; Vizzini S.; Fuentes V.L.; Purcell J.E.; Tilves U.; Piraino S.	SCIENTIFIC REPORTS	8	1	13
305456	10447/255462	Seismic stratigraphy of upper Quaternary shallow-water contourite drifts in the Gulf of Taranto (Ionian Sea, southern Italy)	2018	Pepe, F.; Di Donato, V.; Insinga, D.; Molisso, F.; Faraci, C.; Sacchi, M.; Dera, R.; Ferranti, L.; Passaro, S.	MARINE GEOLOGY	397	79	92
300774	10447/251094	Seismo-stratigraphic model of "La Bandita" area in the Palermo Plain (Sicily, Italy) through HVSR inversion constrained by stratigraphic data	2018	Martorana, R.; Agate, M.; Capizzi, P.; Cavera, F.; D'Alessandro, A.	ITALIAN JOURNAL OF GEOSCIENCES	137	73	86
349571	10447/296845	Seismostratigraphic reconstruction of the Messinian palaeotopography across the Northern Sicily Continental Margin (NSCM) and an overlying Zanclean megaflood deposit	2018	Zizzo, E.; Spatola, D.; Sulli, A.; Micallef, A.				
349650	10447/296920	SEISMOTECTONIC MAP OF THE NORTHERN SICILY CONTINENTAL MARGIN (NSCM) AND IMPLICATIONS FOR GEOHAZARD ASSESSMENT	2018	Sulli, A.; Zizzo, E.; Gasparo Morticelli, M.; Spatola, D.; Micallef, A.				
337390	10447/286084	Selinunte (Sicily) and its productive context: the clayey raw materials applied in a long-lived ceramic production (seventh to third century BCE)	2018	Montana, G; Bechtold, B; Polito, AM; Randazzo, L	ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES	10	657	673
340839	10447/288965	Settlement performance of the Mediterranean reef-builders Dendropoma cristatum (Biondi 1859) in response to natural bacterial films	2018	La Marca, E.; Catania, V.; Quatrini, P.; Milazzo, M.; Chemello, R.	MARINE ENVIRONMENTAL RESEARCH	137		
401695	10447/347066	Shrinkage bubbles: The C-O-H-S magmatic fluid system at San Cristóbal Volcano	2018	Robidoux, P.; Frezzotti, M.; Hauri, E.; Aiuppa, A.	JOURNAL OF PETROLOGY	59	2093	2122
401552	10447/346933	Sicilia nord-occidentale: dai Monti di Palermo al trapanese	2018	DI STEFANO, P.; Agnesi, V.; DI MAGGIO, C.; D'Arpa, C.; Todaro, S.; Randazzo, V.; Zarcone, G.				
353070	10447/300107	Sicily: a geological laboratory	2018	Brugnone, F.; Li Vigni, L.; Milazzo, S.; Calabrese, S.				
390491	10447/336585	Situazione dell'acquacoltura in Sicilia e prospettive per l'Italia e l'Europa	2018	Messina, C.; Santulli, A.	TECNICA MOLITORIA	LXIX	57	58

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351440	10447/298547	Slight differences in community structure and biodiversity of fish associated to a Cymodocea nodosa meadow in a shallow CO2 vent	2018	Mirasole, A.; Signa, G.; Gianguzza, P.; Bonaviri, C.; Mazzola, A.; Vizzini, S.				
351223	10447/298345	Slope Failures and MTDs along a Cretaceous Escarpment in Western Sicily (Italy)	2018	Randazzo, V., Cacciatore, M.S., Todaro Simona, Di Stefano Pietro				
353136	10447/300159	Soils as natural filters for GHG: an imbalance between the expected CH4 fluxes and the direct measurements	2018	D'Alessandro, W.; Gagliano, A.; Daskalopoulou, K.; Kyriakopoulos, K.; Tagliavia, M.; Quatrini, P.	GEOPHYSICAL RESEARCH ABSTRACTS			
357195	10447/338348	Some species of the southeastern Italian Miocene giant galericine Deinogalerix (Mammalia, Eulipotyphla) revisited, with review of the genus	2018	Savorelli, A.; Masini, F.; Borrani, A.; Mazza, P.		2018	45	47
347661	10447/295087	Statistical check of USLE-M and USLE-MM to predict bare plot soil loss in two Italian environments	2018	Bagarello, V.; Ferro, V.; Giordano, G.; Mannocchi, F.; Todisco, F.; Vergni, L.	LAND DEGRADATION & DEVELOPMENT	29	2614	2628
414751	10447/359174	Structural mapping of Italian Seas: an integrated view of different geological events	2018	Agate, M.; Battaglini, L.; Buseti, M.; D'Angelo, S.; Fiorentino, A.; Giordano, G.; Loreto, M.; Morelli, D.; Palmiotto, C.; Pantaloni, M.; Pensa, A.; Pinton, A.; Vita, L.; Volpi, V.			104	104
369642	10447/316230	Studio per la definizione dei modelli concettuali dei corpi idrici sotterranei di Peloritani, Nebrodi e ragusano e indagini geofisiche correlate	2018	Granata, A.; Castrianni, G.; Pasotti, L.; Gagliano Candela, E.; Scaletta, C.; Madonia, P.; Morici, S.; Bellomo, S.; La Pica, L.; Gagliano, A.; Nicolosi, M.; Di Martino, R.; DI FIGLIA, M.; Costa, N.; Bonfar-deci, A.; Perricone, M.; Capizzi, P.; Pellerito, S.; Cangemi, M.; Di Stefano, P.; Renda, P.; Martorana, R.		37	104	108
401683	10447/347054	Sulfur Degassing From Steam-Heated Crater Lakes: El Chichón (Chiapas, Mexico) and Víti (Iceland)	2018	Hasselle, N.; Rouwet, D.; Aiuppa, A.; Jácome-Paz, M.; Pfeffer, M.; Taran, Y.; Campion, R.; Bitetto, M.; Giudice, G.; Bergsson, B.	GEOPHYSICAL RESEARCH LETTERS	45	7504	7513
388508	10447/334653	Testing flow resistance equation for rill flow	2018	Di Stefano, C.; Ferro, V.; Palmeri, V.; Pampalone, V.			321	331
340347	10447/289291	Testing simple scaling in soil erosion processes at plot scale	2018	Bagarello, V.; Ferro, V.; Keesstra, S.; Comino, J.; Pulido, M.; Cerdà, A.	CATENA	167	171	180
330337	10447/279300	Testing slope effect on flow resistance equation for mobile bed rills	2018	Di Stefano, Costanza; Ferro, Vito; Palmeri, Vincenzo; Pampalone, Vincenzo*	HYDROLOGICAL PROCESSES	32	664	671
341192	10447/289285	Testing the outflow theory of Malcherek by slit weir data	2018	Ferro, V.; Aydin, I.	FLOW MEASUREMENT AND INSTRUMENTATION	59	114	117

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392471	10447/338300	Testing the stage-discharge relationship of a sharp crested sluice gate deduced by the momentum equation for a free-flow condition	2018	Ferro, V.	FLOW MEASUREMENT AND INSTRUMENTATION	63	14	17
451220	10447/392451	The "Tracked Roaming Transect" and distance sampling methods increase the efficiency of underwater visual censuses	2018	Irigoyen, A.; Rojo, I.; Calo, A.; Trobbiani, G.; Sanchez-Carnero, N.; Garcia-Charton, J.	PLOS ONE	13	e0190990	
401745	10447/347100	The anemonia viridis venom: Coupling biochemical purification and rna-seq for translational research	2018	Nicosia, A.; Mikov, A.; Cammarata, M.; Colombo, P.; Andreev, Y.; Kozlov, S.; Cuttitta, A.	MARINE DRUGS	16	407	
346533	10447/294040	The behaviour of zirconium and hafnium during water-rock interaction	2018	Zuddas, P.; Censi, P.; Inguaggiato, C.; Sposito, F.	APPLIED GEOCHEMISTRY	94	46	52
353129	10447/300151	The CO2 output from the Sperchios Basin area (central Greece): the role of hidden degassing from streams	2018	D'Alessandro, W.; Daskalopoulou, K.; Calabrese, S.; Gagliano, A.; Vigni, L.; Kyriakopoulos, L.; LI VIGNI, L.				
333762	10447/282458	The end-Triassic mass extinction: A new correlation between extinction events and $\delta^{13}C$ fluctuations from a Triassic-Jurassic peritidal succession in western Sicily	2018	Todaro Simona, Rigo Manuel, Randazzo Vincenzo, Di Stefano Pietro	SEDIMENTARY GEOLOGY	368	105	113
345933	10447/295243	The Graham Bank (Sicily Channel, central Mediterranean Sea): Seafloor signatures of volcanic and tectonic controls	2018	Spatola, D.; Micallef, A.; Sulli, A.; Basilone, L.; Ferreri, R.; Basilone, G.; Bonanno, A.; Pulizzi, M.; Mangano, S.	GEOMORPHOLOGY	318	375	389
392356	10447/347190	The inflammatory Response of Urochordata : The basic process of the Ascidiens' innate immunity	2018	Parrinello, N.; Cammarata, M.; Parrinello, D.			521	590
349766	10447/297041	The Magmatic Gas Signature of Pacaya Volcano, With Implications for the Volcanic CO2Flux From Guatemala	2018	Battaglia, A.; Bitetto, M.; Aiuppa, A.; Rizzo, A.; Chigna, G.; Watson, I.; D'Aleo, R.; Juárez Cacao, F.; de Moor, M.	GEOCHEMISTRY, GEOPHYSICS, GEOSYSTEMS	19	667	692
347555	10447/294983	THE MOSAIC OF THE FRIGIDARIUM OF "VILLA BONANNO" IN PALERMO: MINERALOGICAL AND PETROGRAPHIC ANALYSES FOR IN SITU CONSERVATION AND RESTORATION INTERVENTIONS	2018	Montana, G.; Randazzo, L.; Vassallo, S.; Udine, F.	MEDITERRANEAN ARCHAEOLOGY & ARCHAEOLOGY. INTERNATIONAL SCIENTIFIC JOURNAL	18	95	107
376186	10447/322771	The ongoing naturalisation of Eucalyptus spp. in the Mediterranean Basin: new threats to native species and habitats	2018	E. Badalamenti, D. Cusimano, T. La Mantia, S. Pasta, S. Romano, A. Troia, V. Ilardi	AUSTRALIAN FORESTRY	81	239	249

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401689	10447/347060	The primary volcanic aerosol emission from Mt Etna: Size-resolved particles with SO2 and role in plume reactive halogen chemistry	2018	Roberts, T.; Vignelles, D.; Liuzzo, M.; Giudice, G.; Aiuppa, A.; Coltelli, M.; Salerno, G.; Chartier, M.; Couté, B.; Berthet, G.; Lurton, T.; Dulac, F.; Renard, J.	GEOCHIMICA ET COSMOCHIMICA ACTA	222	74	93
344528	10447/292262	The Response of Cultured Meiofaunal and Benthic Foraminiferal Communities to Lead Exposure: Results from Mesocosm Experiments	2018	Frontalini, Fabrizio; Semprucci, Federica; Di Bella, Letizia; Caruso, Antonio; Cosentino, Claudia; Maccotta, Antonella; Scopelliti, Giovanna; Sbrocca, Claudia; Bucci, Carla; Balsamo, Maria; Martins, Maria Virginia; Châtelet, Eric Armynot du; Coccioni, Rodolfo	ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY	37	2439	2447
360561	10447/307384	The role of Characeae in the communities of the vegetation class Potametea	2018	Riccardo Guarino, Vincenzo Ilardi, Anna Maria Mannino, Angelo Troia			39	39
387953	10447/334139	The role of Marine Protected Areas in influencing the invasion success of the alien crab Percnon gibbesi	2018	Noè, S.; Gianguzza, P.; Di Trapani, F.; Badalamenti, F.; Vizzini, S.; Vega Fernández, T.; Bonaviri, C.			142	142
351203	10447/298329	The role of melt composition on aqueous fluid vs. silicate melt partitioning of bromine in magmas	2018	Cadoux, A.; IACONO MARZIANO, G.; Scaillet, B.; Aiuppa, A.; Mather, T.; Pyle, D.; Deloule, E.; Gennaro, E.; Paonita, A.	EARTH AND PLANETARY SCIENCE LETTERS	498	450	463
303115	10447/253239	The tangled cases of Deinogalerix (Late Miocene endemic erinaceid of Gargano) and Galericipini (Eulipotyphla, Erinaceidae): a cladistic perspective	2018	Borrani, A.; Savorelli, A.; Masini, F.; Mazza, P.	CLADISTICS-THE INTERNATIONAL JOURNAL OF THE WILLI HENNIG SOCIETY	34	542	561
351094	10447/298231	Tra Elimi e Greci. La ceramica di età arcaica dai contesti di fondazione della cinta muraria di Erice	2018	Blasetti Fantauzzi, C.; Montana, G.; Randazzo, L.				
401691	10447/347062	Tracking Formation of a Lava Lake From Ground and Space: Masaya Volcano (Nicaragua), 2014–2017	2018	Aiuppa, Alessandro; de Moor, J. Maarten; Arellano, Santiago; Coppola, Diego; Francofonte, Vincenzo; Galle, Bo; Giudice, Gaetano; Liuzzo, Marco; Mendoza, Elvis; Saballos, Armando; Tamburello, Giancarlo; Battaglia, Angelo; Bitetto, Marcello; Gurrieri, Sergio; Laiolo, Marco; Mastroli, Andrea; Moretti, Roberto	GEOCHEMISTRY, GEOPHYSICS, GEOSYSTEMS	19	496	515
351418	10447/298525	Trophic interactions of the jellyfish Pelagia noctiluca in the NW Mediterranean: evidence from stable isotope signatures and fatty acid composition	2018	Tilves, Uxue*; Fuentes, Verónica L.; Milisenda, Giacomo; Parrish, Christopher C.; Vizzini, Salvatrice; Sabatés, Ana	MARINE ECOLOGY PROGRESS SERIES	591	101	116

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341700	10447/289751	Understanding Paleomagnetic Rotations in Sicily: Thrust Versus Strike-Slip Tectonics	2018	Speranza, Fabio*; Hernandez-Moreno, Catalina; Avellone, Giuseppe; Gasparo Morticelli, Maurizio; Agate, Mauro; Sulli, Attilio; Di Stefano, Enrico	TECTONICS	37	1138	1158
451218	10447/392449	Use of Lagrangian simulations to hindcast the geographical position of propagule release zones in a Mediterranean coastal fish	2018	Calo A.; Lett C.; Mourre B.; Perez-Ruzafa A.; Garcia-Charton J.A.	MARINE ENVIRONMENTAL RESEARCH	134	16	27
392860	10447/338635	Using natural analogues to investigate the effects of climate change and ocean acidification on Northern ecosystems	2018	Rastrick, S.; Graham, H.; Azetsu-Scott, K.; Calosi, P.; Chierici, M.; Fransson, A.; Hop, H.; Hall-Spencer, J.; Milazzo, M.; Thor, P.; Kutti, T.	ICES JOURNAL OF MARINE SCIENCE	75	2299	2311
348514	10447/295838	Vertical motion, structural features and stratigraphic architecture of the Neapolitan Yellow Tuff (NYT) collapse caldera-resurgent dome system off the Pozzuoli Bay during the last 10 ky	2018	Ferranti, L.; Marino, C.; Natale, J.; Molisso, F.; Caccavale, M.; Corradino, M.; Insinga, D.; Matano, F.; Passaro, S.; Pepe, F.; Petrosino P2 & Sacchi, M.				
401701	10447/347072	Volcanic gases	2018	Aiuppa, A.; Gaillard, F.			1476	1479
348512	10447/295836	Volcanism at Slab Tear Faults: the Diamante-Enotrio-Ovidio volcanic complex (offshore north-west Calabria)	2018	De Ritis, R.; Pepe, F.; Orecchio, B.; Casalbore, D.; Bosman, A.; Chiappini, M.; Chiocci, F.; Corradino, M.; Nicolich, R.; Martorelli, E.; Monaco, C.; Presti, D.				
329763	10447/278765	Water chemistry and abiogenic methane content of a hyperalkaline spring related to serpentinization in the Argolida ophiolite (Ermioni, Greece)	2018	D'Alessandro, Walter*; Daskalopoulou, Kyriaki; Calabrese, Sergio; Bellomo, Sergio	MARINE AND PETROLEUM GEOLOGY	89	185	193
346537	10447/294038	Zr, Hf and REE distribution in river water under different ionic strength conditions	2018	Censi, P.; Sposito, F.; Inguaggiato, C.; Zuddas, P.; Inguaggiato, S.; Venturi, M.	SCIENCE OF THE TOTAL ENVIRONMENT	645		
447661	10447/389336	"Hidden" degassing from streams: estimation of the CO2 release from the thermal springs of Sperchios Basin, Greece	2019	Li Vigni, L.; D'Alessandro, W.; Calabrese, S.; Gagliano A. L., .:	GEOPHYSICAL RESEARCH ABSTRACTS	21		
436035	10447/378500	"Hidden invaders" conquer the Sicily Channel and knock on the door of the Western Mediterranean sea	2019	Guastella R.; Marchini A.; Caruso A.; Cosentino C.; Evans J.; Weinmann A.E.; Langer M.R.; Mancin N.	ESTUARINE, COASTAL AND SHELF SCIENCE	225	106234	
414808	10447/359194	3D structural modeling and restoration of the Apennine-Maghrebian chain in Sicily: Application for non-cylindrical fold-and-thrust belts	2019	Balestra, Martina*; Corrado, Sveva; Aldega, Luca; Rudkiewicz, Jean-Luc; Gasparo Morticelli, Maurizio; Sulli, Attilio; Sassi, William	TECTONOPHYSICS	761	86	107
391017	10447/337051	A comparison of statistical methods and multi-criteria decision making to map flood hazard susceptibility in Northern Iran	2019	Arabameri, Alireza*; Rezaei, Khalil; Cerdà, Artemi; Conoscenti, Christian; Kalantari, Zahra	SCIENCE OF THE TOTAL ENVIRONMENT	660	443	458

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450025	10447/391346	A method for evaluating rainfall kinetic power by a characteristic drop diameter	2019	Serio, M.; Carollo, F.; Ferro, V.	JOURNAL OF HYDROLOGY	577	123996	
445661	10447/387550	A modified culture medium for improved isolation of marine vibrios	2019	Tagliavia, M.; Salamone, M.; Bennici, C.; Quatrini, P.; Cuttitta, A.	MICROBIOLOGYOPEN	8	1	9
450787	10447/392063	A multidisciplinary analytical framework to delineate spawning areas and quantify larval dispersal in coastal fish	2019	Legrand, T.; Di Franco, A.; Ser-Giacomi, E.; Calo, A.; Rossi, V.	MARINE ENVIRONMENTAL RESEARCH	151	104761	
462793	10447/402554	A multidisciplinary non-invasive approach in geoarchaeology conducted on the archaeological area of Selinunte	2019	Pisciotta A.; Martorana R.; Costanzo A.; Pannaccione Apa M.I.; Bongiovanni S.; Capizzi P.; D'Alessandro A.; Falcone S.; Piana C.L.			365	368
414583	10447/358986	A new sustainable formulated feed based on discards from food industries for rearing the sea urchin <i>Paracentrotus lividus</i> (Lmk)	2019	Salvatrice Vizzini; Giulia Visconti; Geraldina Signa; Salvatore Romano; Antonio Mazzola	AQUACULTURE NUTRITION	25	691	701
447227	10447/366452.4	A PHYLOGENY OF THE GENUS NYCTEREUTES TEMMINCK, 1838 (MAMMALIA: CARNIVORA: CANIDAE), INCLUDING A NEW SPECIES FROM ÇALTA (TURKEY)	2019	Borrani, A.; Bartolini Lucenti, S.; Rook, L.				
478825	10447/417466	Archaeometric characterization of late Archaic ceramic from Erice (Sicily) aimed to provenance determination	2019	Montana G.; Randazzo L.; Fantauzzi C.B.	INTERNATIONAL JOURNAL OF CONSERVATION SCIENCE	10	605	622
450077	10447/391394	Assessing flow resistance law in vegetated channels by dimensional analysis and self-similarity	2019	Ferro, V.	FLOW MEASUREMENT AND INSTRUMENTATION	69	101610	
393027	10447/338791	Assessing sediment connectivity in dendritic and parallel calanchi systems	2019	Di Stefano, C.; Ferro, V.	CATENA	172	647	654
396014	10447/341643	Assessing the performance of GIS- based machine learning models with different accuracy measures for determining susceptibility to gully erosion	2019	Garosi, Y.; Sheklabadi, M.; Conoscenti, C.; Pourghasemi, H.; Van Oost, K.	SCIENCE OF THE TOTAL ENVIRONMENT	664	1117	1132
451222	10447/392453	Assessing the potential of marine Natura 2000 sites to produce ecosystem-wide effects in rocky reefs: A case study from Sardinia Island (Italy)	2019	Guidetti, P.; Addis, P.; Atzori, F.; Bussotti, S.; Calo, A.; Cau, A.; Culioli, J.; De Lucia, G.; Di Franco, A.; Di Lorenzo, M.; Follesa, M.; Gazale, V.; Massaro, G.; Mura, F.; Navone, A.; Pala, D.; Panzalis, P.; Pusceddu, A.; Ruiu, A.; Cau, A.	AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS	29	537	545
420588	10447/368395	ATR–FTIR Spectral Analysis and Soluble Components of PM10 And PM2.5 Particulate Matter over the Urban Area of Palermo (Italy) during Normal Days and Saharan Events	2019	Varrica, D.; Tamburo, E.; Vultaggio, M.; Di Carlo, I.	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	16	2507	2520

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445704	10447/387580	Bacterial diversity in soils vulnerable to desertification	2019	Quatrini, P.; Catania, V.; Alduina, R.; Da Silveira Bueno, R.; Milazzo, M.; Castaldi, S.; Grilli, E.			110	111
401750	10447/347104	Basic knowledge of social hierarchies and physiological profile of reared sea bass <i>Dicentrarchus labrax</i> (L.)	2019	Carbonara, Pierluigi*; Dioguardi, Maria; Cammarata, Matteo; Zupa, Walter; Vazzana, Mirella; Spedicato, Maria Teresa; Lembo, Giuseppe	PLOS ONE	14	1	16
420716	10447/389201	Bedrock and soil geochemistry influence the content of chemical elements in wild edible mushrooms (<i>Morchella</i> group) from South Italy (Sicily)	2019	Alaimo, M.; Saitta, A.; Ambrosio, E.	ACTA MYCOLOGICA	54	1	12
433953	10447/430112	Behavior of rare earth elements in an aquifer perturbed by CO2 injection: Environmental implications	2019	Rillard j., Pourret O., Censi P., Inguaggiato C., Zuddas P., Toulhoat. P., Gombert P., Brusca, L	SCIENCE OF THE TOTAL ENVIRONMENT	687	978	990
419474	10447/363411	Behavioural responses of fish groups exposed to a predatory threat under elevated CO2	2019	Cattano, C.; Fine, M.; Quattrocchi, F.; Holzman, R.; Milazzo, M.	MARINE ENVIRONMENTAL RESEARCH	147	179	184
419463	10447/363403	Biogenic habitat shifts under long-term ocean acidification show nonlinear community responses and unbalanced functions of associated invertebrates	2019	Milazzo M.; Alessi C.; Quattrocchi F.; Chemello R.; D'Agostaro R.; Gil J.; Vaccaro A.M.; Mirto S.; Gristina M.; Badalamenti F.	SCIENCE OF THE TOTAL ENVIRONMENT	667	41	48
418123	10447/363691	Biotechnological Applications for the Sustainable Use of Marine By-products: In Vitro Antioxidant and Pro-apoptotic Effects of Astaxanthin Extracted with Supercritical CO2 from <i>Parapeneus longirostris</i>	2019	Messina Concetta Maria; Manuguerra Simona; Renda Giuseppe; Santulli Andrea	MARINE BIOTECHNOLOGY	21	565	576
407416	10447/352330	Calcareous nannofossil palaeoenvironmental reconstruction and preservation in sapropel S1 at the Eratosthenes Seamount (Eastern Mediterranean)	2019	Incarbona, A., Di stefano E.,	DEEP-SEA RESEARCH. PART 2. TOPICAL STUDIES IN OCEANOGRAPHY	164	206	215
443683	10447/385732	Changes in SO2 Flux regime at mt. etna captured by automatically processed ultraviolet camera data	2019	Delle Donne, D.; Aiuppa, A.; Bitetto, M.; D'Aleo, R.; Coltelli, M.; Coppola, D.; Pecora, E.; Ripepe, M.; Tamburello, G.	REMOTE SENSING	11	1201	
449217	10447/390678	Closure to "Applying hypothesis of self-similarity for flow-resistance law in calabrian gravel-bed rivers" by Vito Ferro and Paolo Porto	2019	Ferro V.; Porto P.	JOURNAL OF HYDRAULIC ENGINEERING	145		
443677	10447/385726	CO 2 flux emissions from the Earth's most actively degassing volcanoes, 2005–2015	2019	Aiuppa, A.; Fischer, T.; Plank, T.; Bani, P.	SCIENTIFIC REPORTS	9	5442	

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442586	10447/384714	Co-inertia multivariate approach for the evaluation of anthropogenic impact on two commercial fish along Tyrrhenian coasts	2019	Piazzese, D.; Bonanno, A.; Bongiorno, D.; Falco, F.; Indelicato, S.; Milisenda, G.; Vazzana, I.; Cammarata, M.	ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY	182	1	8
450035	10447/391363	Comments on "Mean velocity and turbulent characteristics of flow over half-cycle cosine sharp-crested weirs" by Salehi S., Esmaili K., Azimi A.H	2019	Ferro, V.	FLOW MEASUREMENT AND INSTRUMENTATION	69	101623	
459182	10447/399422	Comparative Experimental and Theoretical Study of the C and O K-Edge X-ray Absorption Spectroscopy in Three Highly Popular, Low Spin Organoiron Complexes: [Fe(CO)5], [(η5-C5H5)Fe(CO)(μ-CO)]2, and [(η5-C5H5)2Fe]	2019	Carlotto S.; Finetti P.; De Simone M.; Coreno M.; Casella G.; Sambì M.; Casarin M.	INORGANIC CHEMISTRY	58	16411	16423
421930	10447/365603	Comparative Experimental and Theoretical Study of the Fe L-2,L-3-Edges X-ray Absorption Spectroscopy in Three Highly Popular, Low-Spin Organoiron Complexes: [Fe(CO)(5)], [(eta(5)-C5H5)Fe(CO)(mu-CO)](2), and [(eta(5)-C5H5)(2)Fe]	2019	Carlotto S.; Finetti P.; De Simone M.; Coreno M.; Casella G.; Sambì M.; Casarin M.	INORGANIC CHEMISTRY	58	5844	5857
450027	10447/391349	Comparing flow resistance law for fixed and mobile bed rills	2019	Di Stefano, C.; Nicosia, A.; Palmeri, V.; Pampalone, V.; Ferro, V.	HYDROLOGICAL PROCESSES	33	3330	3348
449225	10447/390682	Deducing the stage-discharge relationship for contracted weirs by the outflow theory of Malcherek	2019	Ferro, V.; Aydin, I.	JOURNAL OF AGRICULTURAL ENGINEERING	50	80	87
417401	10447/361626	Degassing at the Volcanic/Geothermal System of Kos (Greece): Geochemical Characterization of the Released Gases and CO2 Output Estimation	2019	Daskalopoulou, Kyriaki; Gagliano, Antonina Lisa; Calabrese, Sergio; Li Vigni, Lorenza; Longo, Manfredi; Kyriakopoulos, Konstantinos; Pecoraino, Giovannella; D'Alessandro, Walter	GEOFLUIDS	2019	1	16
426598	10447/369853	Development of a low-cost seismic station based on MEMS technology	2019	D'Alessandro, A; Greco, L; Scudero, S; Siino, M; Vitale, G; D'Anna, R; Di Gangi, F; Nicolosi, D; Passafiume, G; Speciale, S; Catania, M; Cosenza, P; Martin, LF; Patane, D; Martorana, R; Rao, S; Stramondo, S;	QUADERNI DI GEOFISICA		1	60
393025	10447/338789	Dissipative analogies of step-pool features: From rills to mountain streams	2019	Di Stefano, C.; Palmeri, V.; Pampalone, V.; Ferro, V.	CATENA	174	235	247
447675	10447/389342	Dissolved major and trace elements in meteoric depositions on the flanks of Mt. Etna (Italy): the impact of volcanic activity on the environment	2019	D'Alessandro, W.; Calabrese, S.; Federico, C.; Bellomo, S.; Brusca, L.; Longo, M.; Falcone, E.	GEOPHYSICAL RESEARCH ABSTRACTS	21		

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443687	10447/385736	Dynamics of Outgassing and Plume Transport Revealed by Proximal Unmanned Aerial System (UAS) Measurements at Volcán Villarrica, Chile	2019	Liu, E.; Wood, K.; Mason, E.; Edmonds, M.; Aiuppa, A.; Giudice, G.; Bitetto, M.; Francofonte, V.; Burrow, S.; Richardson, T.; Watson, M.; Pering, T.; Wilkes, T.; Mcgonigle, A.; Velasquez, G.; Melgarejo, C.; Bucarey, C.	GEOCHEMISTRY, GEOPHYSICS, GEOSYSTEMS	20	730	750
422940	10447/366558	Effects of BDE-47 exposure on immune-related parameters of <i>Mytilus galloprovincialis</i>	2019	Espinosa Ruiz, Cristobal; Morghese, Maria; Renda, Giuseppe; Gugliandolo, Concetta; Esteban, M.A.; Santulli, Andrea; Messina, Concetta M.	AQUATIC TOXICOLOGY	215	00	00
422162	10447/365822	Effects of dietary dehydrated lemon peel on some biochemical markers related to general metabolism, welfare and stress in gilthead seabream (<i>Sparus aurata</i> L.)	2019	Garcia Beltran J.M.; Espinosa C.; Guardiola F.A.; Manuguerra S.; Santulli A.; Messina C.M.; Esteban M.A.	AQUACULTURE RESEARCH	50	3181	3191
402128	10447/347453	Efficient recycling of nutrients in modern and past hypersaline environments	2019	Isaji, Y.*; Kawahata, H.; Ogawa, N.O.; Kuroda, J.; Yoshimura, T.; Jiménez-Espejo, F.J.; Makabe, A.; Shibuya, T.; Lugli, S.; Santulli, A.; Manzi, V.; Roveri, M.; Ohkouchi, N.	SCIENTIFIC REPORTS	9	1	12
443681	10447/385730	Escalating CO2 degassing at the Pisciarelli fumarolic system, and implications for the ongoing Campi Flegrei unrest	2019	Tamburello G.; Caliro S.; Chiodini G.; De Martino P.; Avino R.; Minopoli C.; Carandente A.; Rouwet D.; Aiuppa A.; Costa A.; Bitetto M.; Giudice G.; Francofonte V.; Ricci T.; Sciarra A.; Bagnato E.; Capecchiacci F.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	384	151	157
433954	10447/430126	Escape of Supercritical-CO2 Fluids Trapped in Calcite Nano-metric Pores	2019	Zuddas P., Salvi S., Lopez O., De Giudici G., Censi, P.	E3S WEB OF CONFERENCES	98		
491026	10447/428530.4	Estimation of the volume of <i>Posidonia oceanica</i> detritus accumulations along Sicilian coasts by using very high resolution images	2019	Tomasello Agostino, Noè Simona, Pampalone Vincenzo, Savona Andrea, Cassetti Federica, Pirrotta Maria, Andolina Cristina, Aleo Adele Elisa, Tramati Cecilia, Vizzini Salvatrice, Mazzola Antonio, Calvo Sebastiano				
447948	10447/389581	Estimation of CO2 release from thermal springs to the atmosphere	2019	Li Vigni Lorenza, D'Alessandro Walter, Daskalopoulou Kyriaki, Gagliano Antonina Lisa, Calabrese Sergio		49	48	51
417404	10447/361624	Estimation of the geogenic carbon degassing of Greece	2019	Daskalopoulou K.; Calabrese S.; Gagliano A.L.; D'Alessandro W.	APPLIED GEOCHEMISTRY	106	60	74

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447950	10447/389583	Etna International Training School of Geochemistry. Science meets Practice	2019	Pecoraino Guendalina, Bitetto Marcello, Bobrowski Nicole, Brugnone Filippo, Cabassi Jacopo, Calabrese Sergio, Cantarero Massimo, Consoli Salvatore, Capecchiacci Francesco, Daskalopoulou Kyriaki, Giammanco Salvatore, Giuffrida Giovanni, Fuchs Christopher, Ionescu Artur, Kuhn Jonas, Li Vigni Lorenza, Randazzo Luciana, Tamburello Giancarlo, Tassi Francesco, Venturi Stefania, Franco Italiano, Privitera Eugenio		49	291	294
437207	10447/379608	EVOLUTION, ADAPTATION AND IMMUNE FUNCTIONS OF FISH LECTINS	2019	Matteo Cammarata, Maria Giovanna Parisi, Daniela Parrinello, Mariano Dara	JOURNAL OF BIOLOGICAL RESEARCH	92	1	1
445356	10447/387279	Exotic Halophila stipulacea is an introduced carbon sink for the Eastern Mediterranean Sea	2019	Apostolaki, E.; Vizzini, S.; Santinelli, V.; Kaberi, H.; Andolina, C.; Papathanassiou, E.	SCIENTIFIC REPORTS	9	1	13
404707	10447/349886	Experimental Study of Central Baffle Flume	2019	Lotfi Kolavani, F.; Bijankhan, M.; Di Stefano, C.; Ferro, V.; Mahdavi Mazdeh, A.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	145	04019002	
450086	10447/391401	Experimental study on triangular central baffle flume	2019	Bijankhan, M.; Ferro, V.	FLOW MEASUREMENT AND INSTRUMENTATION	70	101641	
416891	10447/361119	Fluid storage and migration properties of sheared Neptunian dykes	2019	Parrino N.; Agosta F.; Di Stefano P.; Napoli G.; Pepe F.; Renda P.	MARINE AND PETROLEUM GEOLOGY	102	521	534
402120	10447/347448	From ecology to biotechnology, study of the defense strategies of algae and halophytes (from Trapani saltworks, NW Sicily) with a focus on antioxidants and antimicrobial properties	2019	Messina, Concetta Maria; Renda, Giuseppe; Laudicella, Vincenzo Alessandro; Trepos, Rozenn; Fauchon, Marilyne; Hellio, Claire*; Santulli, Andrea	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	20	1	18
434995	10447/377513	F-type lectin from serum of <i>Trematomus bernacchii</i> (Boulenger, 1902): purification, characterization and bacterial agglutinating activity	2019	M Dara, P Giulianini, C Manfrin, MG Parisi, M Cammarata	INVERTEBRATE SURVIVAL JOURNAL			
447676	10447/389338	Gas Geochemistry and Fractionation Processes in Florina Basin, Greece	2019	Daskalopoulou, K.; D'Alessandro, W.; Calabrese, S.; Cardellini, C.; Gagliano, A.; Ionescu, A.; Karakatsanis, S.; Kyriakopoulos, K.; Li Vigni, L.; Pop, C.	GEOPHYSICAL RESEARCH ABSTRACTS	21		
447934	10447/389567	Gas hazard related to CO2 degassing at Loutra Ypatis, Greece	2019	D'Alessandro W., Daskalopoulou K., Calabrese S., Li Vigni L., Pfanz H.	BULLETIN OF THE GEOLOGICAL SOCIETY OF GREECE		332	333

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447944	10447/389577	Geochemical characterization of groundwater quality in Hellenic karst systems	2019	Li Vigni L., Daskalopoulou K., D'Alessandro W., Cardellini C., Calabrese S.	BULLETIN OF THE GEOLOGICAL SOCIETY OF GREECE	Sp. Pub. 7	324	325
496596	10447/432417.4	Geomorphology of the Anthropocene in Mediterranean urban areas	2019	Brandolini, Pierluigi; Cappadonia, Chiara; Luberti, Gian Marco; Donadio, Carlo; Stamatopoulos, Leonidas; Di Maggio, Cipriano; Faccini, Francesco; Stanislao, Corrado; Vergari, Francesca; Paliaga, Guido; Agnesi, Valerio; Alevizos, Georgios; Del Monte, Maurizio	PROGRESS IN PHYSICAL GEOGRAPHY	44	461	494
481813	10447/420273	Geophysical Contribution to the Reconstruction of the Hydrological Model of "Barcellona-Milazzo Plain" Groundwater Body, Northen Sicily	2019	Capizzi, P., Martorana, R., Favara, R., Albano, L., Bonfardeci, A., Catania, M., Costa, N., Gagliano, A.L.		2019	1	5
462777	10447/402545	Geophysical surveys for the restoration of Branciforte Palace in Palermo	2019	Capizzi P.; Martorana R.			361	364
446451	10447/388218	Geospatial analysis of drought tendencies in the carpathians as reflected in a 50-year time series	2019	Szabo, S.; Szopos, N.; Bertalan-Balazs, B.; Laszlo, E.; Milosevic, D.; Conoscenti, C.; Lazar, I.	HUNGARIAN GEOGRAPHICAL BULLETIN	68	269	282
419560	10447/363481	Geospatial modelling and map analysis allowed measuring regression of the upper limit of Posidonia oceanica seagrass meadows under human pressure	2019	Montefalcone M.; Vacchi M.; Archetti R.; Ardizzone G.; Astruch P.; Bianchi C.N.; Calvo S.; Criscoli A.; Fernandez-Torquemada Y.; Luzzu F.; Misson G.; Morri C.; Pergent G.; Tomasello A.; Ferrari M.	ESTUARINE, COASTAL AND SHELF SCIENCE	217	148	157
447674	10447/389340	Geothermal mercury output at Nisyros Volcano (Greece)	2019	Gagliano, A.; Calabrese, S.; D'Alessandro, W.; Daskalopoulou, K.; Cabassi, J.; Capeccchiacci, F.; Tassi, F.; Bonsignore, M.; Bellomo, S.; Brusca, L.; Li Vigni, L.; Milazzo, S.; Giudice, G.	GEOPHYSICAL RESEARCH ABSTRACTS	21		
419959	10447/363863	Green biotechnology for valorisation of residual biomasses in nutraceutic sector: Characterization and extraction of bioactive compounds from grape pomace and evaluation of the protective effects in vitro	2019	Messina, C.; Manuguerra, S.; Catalano, G.; Arena, R.; Cocchi, M.; Morghese, M.; Montenegro, L.; Santulli, A.	NATURAL PRODUCT RESEARCH			

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414793	10447/359184	Guano-related phosphate-rich minerals in European caves	2019	Audra, P.; De Waele, J.; Bentaleb, I.; Chroňáková, A.; Krišťufek, V.; D'Angeli, I.; Carbone, C.; Madonia, G.; Vattano, M.; Scopelliti, G.; Cailhol, D.; Vanara, N.; Temovski, M.; Bigot, J.; Nobécourt, J.; Galli, E.; Rull, F.; Sanz-Arranz, A.	INTERNATIONAL JOURNAL OF SPELEOLOGY	48	75	105
410266	10447/355003	Gully erosion susceptibility mapping using GIS-based multi-criteria decision analysis techniques	2019	Arabameri, Alireza*; Pradhan, Biswajeet; Rezaei, Khalil; Conoscenti, Christian	CATENA	180	282	297
446429	10447/388202	Gully erosion susceptibility mapping using multivariate adaptive regression splines-replications and sample size scenarios	2019	Javidan, N.; Kavian, A.; Pourghasemi, H.; Conoscenti, C.; Jafarian, Z.	WATER	11		
443002	10447/351146.2	Horizontal and vertical food web structure drives trace element trophic transfer in Terra Nova Bay, Antarctica	2019	Signa, G.; Calizza, E.; Costantini, M.; Tramati, C.; Sporta Caputi, S.; Mazzola, A.; Rossi, L.; Vizzini, S.	ENVIRONMENTAL POLLUTION	246	772	781
462788	10447/402550	Hydrogeological and geotechnical modeling of the foundation soils of Maredolce Lake in Palermo, aided by geophysical surveys	2019	Cafiso F.; Canzoneri A.; Capizzi P.; Carollo A.; Martorana R.; Romano F.			184	187
402122	10447/355910	In Vitro Antioxidant Activity and In Vivo Topical Efficacy of Lipid Nanoparticles Co-Loading Idebenone and Tocopheryl Acetate	2019	Montenegro, L.; Messina, C.; Manuguerra, S.; Santagati, L.; Pasquinucci, L.; Turnaturi, R.; Parenti, C.; Arena, R.; Santulli, A.	APPLIED SCIENCES	9	00	00
437235	10447/379610	INFLAMMATION AND TENTACLE REGENERATION RESPONSES IN ANEMONIA VIRIDIS (ANTHOZOA, CNIDARIA)	2019	Claudia La Corte, Riccardo Pernice, Daniela Parrinello, Matteo Cammarata, Maria Giovanna Parisi	JOURNAL OF BIOLOGICAL RESEARCH	92	8	9
420744	10447/364538	Influence of ambient temperature on the photosynthetic activity and phenolic content of the intertidal <i>Cystoseira compressa</i> along the Italian coastline	2019	Mancuso, F. P.; Messina, C. M.; Santulli, A.; Laudicella, V. A.; Giommi, C.; Sarà, G.; Airoldi, L.	JOURNAL OF APPLIED PHYCOLOGY	31	3069	3076
443689	10447/385738	Insights into the mechanisms of phreatic eruptions from continuous high frequency volcanic gas monitoring: Rincón de la Vieja Volcano, Costa Rica	2019	Battaglia, A.; de Moor, J.; Aiuppa, A.; Avar, G.; Bakkar, H.; Bitetto, M.; Mora Fernandez, M.; Kelly, P.; Giudice, G.; Delle Donne, D.; Villalobos, H.	FRONTIERS IN EARTH SCIENCE	6		
443685	10447/385734	Insights on Hydrothermal-Magmatic Interactions and Eruptive Processes at Poás Volcano (Costa Rica) From High-Frequency Gas Monitoring and Drone Measurements	2019	de Moor, J.; Stix, J.; Avar, G.; Muller, C.; Corrales, E.; Diaz, J.; Alan, A.; Brenes, J.; Pacheco, J.; Aiuppa, A.; Fischer, T.	GEOPHYSICAL RESEARCH LETTERS	46	1293	1302

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467049	10447/406496	In-situ analysis of the gas-emissions of the Eastern Carpathians (Romania) using the Multi-Gas instrument	2019	Roland Szalay, Boglárka Mercédesz Kis, Szabolcs Harangi, László Palcsu, Calin Baciú, Cristian Pop, Sergio Calabrese, Marcello Bitetto, Alessandro Aiuppa	GEOPHYSICAL RESEARCH ABSTRACTS			
422520	10447/366147	Landslide inventory and rockfall risk assessment of a strategic urban area (Palermo, Sicily)	2019	Cappadonia, C.; Cafiso, F.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	48	96	105
440500	10447/382753	Le postazioni militari cartaginesi della prima guerra punica su Monte Pellegrino (Palermo).	2019	Battaglia, G.; Bechtold, B.; De Simone, R.; Vassallo, S.; Montana, G.; Randazzo, L.; Canzonieri, E.; Scopelliti, G.	CARTAGINE. STUDI E RICERCHE	4	1	56
443906	10447/385951	Local support for conservation is associated with perceptions of good governance, social impacts, and ecological effectiveness	2019	Bennett N.J.; Di Franco A.; Calo A.; Nethery E.; Niccolini F.; Milazzo M.; Guidetti P.	CONSERVATION LETTERS	12	1	10
459306	10447/399541	Low-pressure ferroelastic phase transition in rutile-type AX ₂ minerals: cassiterite (SnO ₂), pyrolusite (MnO ₂) and sellaite (MgF ₂)	2019	Curetti N.; Merli M.; Capella S.; Benna P.; Pavese A.	PHYSICS AND CHEMISTRY OF MINERALS	46	987	1002
450936	10447/392194	MACROALGAL BIODIVERSITY RESPONSE UNDER A MULTIPLE STRESSOR SCENARIO	2019	Giommi, C.; Mannino, A.; Sarà, G.	EUROPEAN JOURNAL OF PHYCOLOGY	54 sup1	169	169
422506	10447/369541	Magmatism Along Lateral Slab Edges: Insights From the Diamante-Enotrio-Ovidio Volcanic-Intrusive Complex (Southern Tyrrhenian Sea)	2019	De Ritis, R.; Pepe, F.; Orecchio, B.; Casalbore, D.; Bosman, A.; Chiappini, M.; Chiocci, F.; Corradino, M.; Nicolich, R.; Martorelli, E.; Monaco, C.; Presti, D.; Totaro, C.	TECTONICS	38		
436030	10447/378498	Mediterranean Neogene planktonic foraminifer biozonation and biochronology	2019	Lirer F.; Foresi L.M.; Iaccarino S.M.; Salvatorini G.; Turco E.; Cosentino C.; Sierro F.J.; Caruso A.	EARTH-SCIENCE REVIEWS	196	102869	
409845	10447/354638	Melt inclusions track melt evolution and degassing of Etnean magmas in the last 15 ka	2019	Gennaro, Emanuela; Iacono-Marziano, Giada; Paonita, Antonio; Rotolo, Silvio G.; Martel, Caroline; Rizzo, Andrea L.; Pichavant, Michel; Liotta, Marcello	LITHOS	324-325	716	732
421932	10447/365605	Mesomorphic and electrooptical properties of viologens based on non-symmetric alkyl/polyfluoroalkyl functionalization and on an oxadiazolyl-extended bent core	2019	Pibiri I.; Beneduci A.; Carraro M.; Causin V.; Casella G.; Corrente G.A.; Chidichimo G.; Pace A.; Riccobono A.; Saielli G.	JOURNAL OF MATERIALS CHEMISTRY. C	7	7974	7983
447952	10447/389585	Microbial impact on the isotope composition of methane in both thermal and hyperalkaline waters of central Greece	2019	D'Alessandro Walter, Gagliano Antonina Ilsa, Daskalopoulou Kyriaki, Calabrese Sergio, Li Vigni Lorenza		49	303	307

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443716	10447/385760	Microbiological profile and bioactive properties of insect powders used in food and feed formulations	2019	Messina, C.; Gaglio, R.; Morghese, M.; Tolone, M.; Arena, R.; Moschetti, G.; Santulli, A.; Francesca, N.; Settanni, L.	FOODS	8		
407491	10447/352398	Much can change in a year: The massawan mantis shrimp, erugosquilla massavensis (Kossmann, 1880) in sicily, Italy	2019	Gianguzza, P.; Insacco, G.; Zava, B.; Deidun, A.; Galil, B.	BIOINVASIONS RECORDS	8	108	112
435000	10447/377526	Mucosal immunity response of European eel (<i>Anguilla anguilla</i> L.) after bacterial infections	2019	E Conforto, L Vílchez-Gómez, MA Esteban, MG Parisi, D Parrinello, M Cammarata, FA Guardiola	INVERTEBRATE SURVIVAL JOURNAL	16	44	44
486762	10447/428169	Multi-level responses of <i>Mytilus galloprovincialis</i> to environmental stressors	2019	MG Parisi, A. Giacoletti, C. La Corte, GIANLUCA Sarà, M. Cammarata	INVERTEBRATE SURVIVAL JOURNAL		199	199
416886	10447/361117	Multi-temporal tectonic evolution of Capo Granitola and Sciacca foreland transcurrent faults (Sicily channel)	2019	Ferranti L.; Pepe F.; Barreca G.; Meccariello M.; Monaco C.	TECTONOPHYSICS	765	187	204
414864	10447/359252	Natural Laboratories for Field Observation About Genesis and Landscape Effects of Palaeo-Earthquakes: a Proposal for the Rocca Busambra and Monte Barracù Geosites (West Sicily)	2019	Basilone, L.; Bonfardecì, A.; Romano, P.; Sulli, A.	GEOHERITAGE	11	821	837
303097	10447/253235	New Bovid Remains from the Early Pleistocene of Umbria (Italy) and a Reappraisal of <i>Leptobos merlai</i>	2019	Cherin, M.; Dall'Estro, V.; Masini, F.	JOURNAL OF MAMMALIAN EVOLUTION	26	201	224
423726	10447/367282	New light on an old debate: Does the RCN-PtCl ₂ bond include any back-donation? RCN←PtCl ₂ backbonding: Vs. the IR v CN blue-shift dichotomy in organonitriles-platinum(II) complexes. A thorough density functional theory-energy decomposition analysis study	2019	Casella G.; Fonseca Guerra C.; Carlotto S.; Sgarbossa P.; Bertani R.; Casarin M.	DALTON TRANSACTIONS	48	12974	12985
453589	10447/392437.4	NEW LIGHT ON PARASOREX DEPERETI (ERINACEOMORPHA: ERINACEIDAE: GALERICINI) FROM THE LATE MESSINIAN (MN 13) OF THE MONTICINO QUARRY (BRISIGHELLA, FAENZA, ITALY)	2019	Masini, F.; Savorelli, A.; Borrani, A.; Mazza Paul, P.	FOSSIL IMPRINT	75	438	453
450067	10447/391381	New stage-discharge relationship for cylindrical and semi-cylindrical edged sluice gates	2019	Ferro, V.; Ziaei, A.; Nikou, N.; Nourolahi, M.; Beheshti, A.	FLOW MEASUREMENT AND INSTRUMENTATION	70	101639	
449222	10447/390680	New technique for measuring water depth in rill channels	2019	Di Stefano, C.; Nicosia, A.; Pampalone, V.; Palmeri, V.; Ferro, V.	CATENA	181	1	18
479767	10447/418302	New ultraportable data logger to perform magnetic surveys	2019	Vitale G.; Scudero S.; D'Alessandro A.; Pisciotta A.; Martorana R.; Capizzi P.			1	4

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419438	10447/363378	Ocean acidification affects somatic and otolith growth relationship in fish: Evidence from an in situ study	2019	Franco, A.; Calò, A.; Sdiri, K.; Cattano, C.; Milazzo, M.; Guidetti, P.	BIOLOGY LETTERS	15	1	4
443911	10447/385953	Ocean acidification and elevated temperature negatively affect recruitment, oxygen consumption and calcification of the reef-building <i>Dendropoma cristatum</i> early life stages: Evidence from a manipulative field study	2019	Alessi, C.; Giomi, F.; Furnari, F.; Sara, G.; Chemello, R.; Milazzo, M.	SCIENCE OF THE TOTAL ENVIRONMENT	693	1	10
419460	10447/363392	Ocean acidification at a coastal CO2 vent induces expression of stress-related transcripts and transposable elements in the sea anemone <i>Anemonia viridis</i>	2019	Urbarova, I.; Foret, S.; Dahl, M.; Emblem, A.; Milazzo, M.; Hall-Spencer, J.	PLOS ONE	14	1	20
382082	10447/328425	Olive mill wastewaters decontamination based on organo-nano-clay composites	2019	Sciascia, Luciana; Casella, Selene; Cavallaro, Giuseppe; Lazzara, Giuseppe; Milioto, Stefana; Princivalle, Francesco; Parisi, Filippo*	CERAMICS INTERNATIONAL	45	2751	2759
411844	10447/356391	One Chara does not make Charetea in the Mediterranean aquatic vegetation	2019	Guarino, R.; Marcenò, C.; Ilardi, V.; Mannino, A.; Troia, A.	WEBBIA		1	9
450102	10447/391433	Opere di sistemazione idraulico-forestale	2019	Ferro, V.				
447932	10447/389565	Origin of the geogenic gases and preliminary estimation of the carbon release of Greece	2019	Daskalopoulou K., Calabrese S., Gagliano A. L., Li Vigni L., D'Alessandro W.	BULLETIN OF THE GEOLOGICAL SOCIETY OF GREECE		330	331
414878	10447/359264	Outgassing of Mantle Volatiles in Compressional Tectonic Regime Away From Volcanism: The Role of Continental Delamination	2019	Caracausi, Antonio*; Sulli, Attilio	GEOCHEMISTRY, GEOPHYSICS, GEOSYSTEMS	20	2007	2020
402015	10447/347433	Oxidative Stress, Induced by Sub-Lethal Doses of BDE 209, Promotes Energy Management and Cell Cycle Modulation in the Marine Fish Cell Line SAF-1	2019	Ruiz, Cristobal Espinosa; Manuguerra, Simona; Cuesta, Alberto; Santulli, Andrea; Messina, Concetta M.*	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	16	1	12
413444	10447/357930	Palaeogeographical evolution of the Egadi Islands (western Sicily, Italy). Implications for late Pleistocene and early Holocene sea crossings by humans and other mammals in the western Mediterranean	2019	Lo Presti, V.; Antonioli, F.; Palombo, M.; Agnesi, V.; Biolchi, S.; Calcagnile, L.; Di Patti, C.; Donati, S.; Furlani, S.; Merizzi, J.; Pepe, F.; Quarta, G.; Renda, P.; Sulli, A.; Tusa, S.	EARTH-SCIENCE REVIEWS	194	160	181

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459253	10447/399490	PETROGRAPHIC AND SPECTROSCOPIC (FT-IR) STUDY OF WESTERN MEDITERRANEAN OBSIDIANS GEOLOGICAL SOURCES AND OF A LITHIC COLLECTION FROM USTICA ISLAND (SICILY)	2019	La Monica, M.; Rotolo, S.; Foresta Martin, Franco	ANNALS OF GEOPHYSICS	62	1	19
453168	10447/394091	Plant and sediment properties in seagrass meadows from two Mediterranean CO2 vents: Implications for carbon storage capacity of acidified oceans	2019	Vizzini S.; Apostolaki E.T.; Ricevuto E.; Polymenakou P.; Mazzola A.	MARINE ENVIRONMENTAL RESEARCH	146	101	108
396007	10447/341632	PMT: New analytical framework for automated evaluation of geo-environmental modelling approaches	2019	Rahmati, Omid; Kornejady, Aiding; Samadi, Mahmood; Deo, Ravinesh C.; Conoscenti, Christian; Lombardo, Luigi; Dayal, Kavina; Taghizadeh-Mehrjardi, Ruhollah; Pourghasemi, Hamid Reza; Kumar, Sandeep; Bui, Dieu Tien	SCIENCE OF THE TOTAL ENVIRONMENT	664	296	311
405284	10447/350424	Predicting the landslides triggered by the 2009 96E/Ida tropical storms in the Ilopango caldera area (El Salvador, CA): optimizing MARS-based model building and validation strategies	2019	Rotigliano, E.; Martinello, C.; Hernández, M.; Agnesi, V.; Conoscenti, C.	ENVIRONMENTAL EARTH SCIENCES	78		
410262	10447/355001	Prediction of debris-avalanches and -flows triggered by a tropical storm by using a stochastic approach: An application to the events occurred in Mocoa (Colombia) on 1 April 2017	2019	Vargas-Cuervo, G.; Rotigliano, E.; Conoscenti, C.	GEOMORPHOLOGY	339	31	43
444950	10447/387878	Preliminary results of a geomorphological and DInSAR characterization of a recently identified Deep-Seated Gravitational Slope Deformation in Sicily (Southern Italy)	2019	Cappadonia, C.; Confuorto, P.; Sepe, C.; Di Martire, D.	RENDICONTI ONLINE DELLA SOCIETÀ GEOLOGICA ITALIANA	49/2019	149	156
447901	10447/389554	Preliminary study on geogenic degassing through the big karstic aquifers of Greece	2019	Li Vigni Lorenza, D'Alessandro Walter, Cardellini Carlo, Daskalopoulou Kyriaki, Brugnone Filippo				
419870	10447/371522	Preliminary study on trace metal content in manna extracted from Fraxinus angustifolia cultivars in Madonie (Sicily, Italy)	2019	Alaimo, M.; Geraci, A.; Schicchi, R.; Varrica, D.	SDRP JOURNAL OF EARTH SCIENCES & ENVIRONMENTAL STUDIES			
381618	10447/327978	Pressure stability field of Mg-perovskite under deep mantle conditions: A topological approach based on Bader's analysis coupled with catastrophe theory	2019	Parisi, F.; Sciascia, L.; Princivalle, F.; Merli, M.	CERAMICS INTERNATIONAL	45	2820	2827
418248	10447/362312	Prickly pear pulp in the feeding of livestock ruminants: preliminary investigation	2019	Todaro, M.; Di Grigoli, A.; Scatassa, M.; Cardamone, C.; Messina, C.; Mazza, F.; Bonanno, A.	ITALIAN JOURNAL OF ANIMAL SCIENCE	18	61	61

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447222	10447/366450.5	Prima filogenesi del genere <i>Nyctereutes</i> (Canidae, Carnivora): conferme e implicazioni	2019	Bartolini Lucenti, S.; Borrani, A.; Rook, L.			6	7
491012	10447/428528.2	Quali-quantitative assessment of <i>Posidonia oceanica</i> detritus accumulations in pocket-beaches with different productivity levels of nearshore seagrass meadows	2019	Signa Geraldina, Noè Simona, Andolina Cristina, Aleo Adele Elisa, Tramati Cecilia, Savona, Andrea, Cassetti Federica, Vizzini Salvatrice, Mazzola Antonio, Calvo Sebastiano, Tomasello Agostino				
450012	10447/391334	Raindrop size distribution and terminal velocity for rainfall erosivity studies. A review	2019	Serio, M.; Carollo, F.; Ferro, V.	JOURNAL OF HYDROLOGY	576	210	228
446649	10447/388404	Reappraisal of some species of the giant galericine <i>Deinogalerix</i> (Mammalia, Eulipotyphla, Erinaceomorpha, Erinaceidae) from the Miocene of south-eastern Italy, with a review of the genus	2019	Savorelli, A.; Masini, F.; Borrani, A.; Mazza, P.	PALAEODIVERSITY AND PALAEOENVIRONMENTS			
484848	10447/421534.3	Recreational and small-scale fisheries may pose a threat to vulnerable species in coastal and offshore waters of the western Mediterranean	2019	Lloret, J; Biton-Porsmoguer, S; Carreño, A; Di Franco, A; Sahyoun, R; Melià, P; Claudet, J; Sève, C; Ligas, A; Belharet, M; Calò, A; Carbonara, P; Coll, M; Corrales, X; Lembo, G; Sartor, P; Bitetto, I; Vilas, D; Piroddi, C; Prato, G; Charbonnel, E; Bretton, O; Hartmann, V; Prats, L; Font, T	ICES JOURNAL OF MARINE SCIENCE			
462791	10447/402552	Remotely controlled aerial and underwater vehicles in support to magnetic surveys	2019	Scudero S.; Vitale G.; Pisciotta A.; Martorana R.; Capizzi P.; D'Alessandro A.			105	108
413054	10447/357535	Responses of marine mussel <i>Mytilus galloprovincialis</i> (Bivalvia: Mytilidae) after infection with the pathogen <i>Vibrio splendidus</i>	2019	Parisi, Maria Giovanna; Maisano, Maria; Cappello, Tiziana; Oliva, Sabrina; Mauceri, Angela; Toubiana, Mylene; Cammarata, Matteo	COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY. C. TOXICOLOGY & PHARMACOLOGY	221	1	9
448984	10447/390590	Reventilation Episodes During the Sapropel S1 Deposition in the Eastern Mediterranean Based on Holococcolith Preservation	2019	Incarbona A.; Abu-Zied R.H.; Rohling E.J.; Ziveri P.	PALEOCEANOGRAPHY AND PALEOCLIMATOLOGY	34	1597	1609
449201	10447/390671	Rill flow resistance law under equilibrium bed-load transport conditions	2019	DI STEFANO, C.; Nicosia, A.; Pampalone, V.; Palmeri, V.; Ferro, V.	HYDROLOGICAL PROCESSES	33	1317	1323
413789	10447/358249	<i>Sabella spallanzanii</i> mucus contain a galactose-binding lectin able to agglutinate bacteria. Purification and characterization	2019	Cammarata, M.; Benenati, G.; Dara, M.; Parisi, M.; Piazzese, D.; Falco, F.; Stabili, L.	INVERTEBRATE SURVIVAL JOURNAL	16	15	24

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404713	10447/349890	Scour around a Permeable Groin Combined with a Triangular Vane in River Bends	2019	Ferro, V.; Shokrian Hajibehzad, M.; Bejestan, M.; Kashefipour, S.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	145	04019003	
407433	10447/352348	Sea Surface Temperatures and Paleoenvironmental Variability in the Central Mediterranean During Historical Times Reconstructed Using Planktonic Foraminifera	2019	Incarbona, A.; Jonkers, L.; Ferraro, S.; Sprovieri, R.; Tranchida, G.	PALEOCEANOGRAPHY AND PALEOCLIMATOLOGY	34	394	408
491021	10447/428532.2	Seasonal dynamics of Posidonia oceanica beach-cast wracks in a Sicilian beach: an overlooked system for carbon dynamics	2019	Signa Geraldina, Andolina Cristina, Tomasello Agostino, Noè Simona, Casseti Federica, Aleo Adele Elisa, Tramati Cecilia, Savona Andrea, Calvo Sebastiano, Vizzini Salvatrice				
450856	10447/392185	Seasonal patterns of biodiversity in Mediterranean coastal lagoons	2019	Bellino, A.; Mangano, M.; Baldantoni, D.; Russell Bayden, D.; Mannino, A.; Mazzola, A.; Vizzini, S.; Sarà, G.	DIVERSITY AND DISTRIBUTIONS	25	1512	1526
417546	10447/367603	Seismic microzonation by means of cluster analysis	2019	D'Alessandro A; Scudero S; Capizzi P; Martorana R; Carollo A; Catania M			1911	1918
453731	10447/394579	Simultaneous Removal and Recovery of Metal Ions and Dyes from Wastewater through Montmorillonite Clay Mineral	2019	Parisi, F.; Lazzara, G.; Merli, M.; Milioto, S.; Princivalle, F.; Sciascia, L.	NANOMATERIALS	9	1	16
406103	10447/351144	Sizing up the role of predators on Mullus barbatus populations in Mediterranean trawl and no-trawl areas	2019	Agnetta, D.; Badalamenti, F.; D'Anna, G.; Sinopoli, M.; Andaloro, F.; Vizzini, S.; Pipitone, C.	FISHERIES RESEARCH	213	196	203

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424850	10447/368287	Spatial variability of the relationships of runoff and sediment yield with weather types throughout the Mediterranean basin	2019	Pena-Angulo D.; Nadal-Romero E.; Gonzalez-Hidalgo J.C.; Albaladejo J.; Andreu V.; Bagarello V.; Barhi H.; Batalla R.J.; Bernal S.; Bienes R.; Campo J.; Campo-Bescos M.A.; Canatario-Duarte A.; Canton Y.; Casali J.; Castillo V.; Cerda A.; Cheggour A.; Cid P.; Cortesi N.; Desir G.; Diaz-Pereira E.; Espigares T.; Estrany J.; Fernandez-Raga M.; Ferreira C.S.S.; Ferro V.; Gallart F.; Gimenez R.; Gimeno E.; Gomez J.A.; Gomez-Gutierrez A.; Gomez-Macpherson H.; Gonzalez-Pelayo O.; Hueso-Gonzalez P.; Kairis O.; Karatzas G.P.; Klotz S.; Kosmas C.; Lana-Renault N.; Lasanta T.; Latron J.; Lazaro R.; Le Bissonnais Y.; Le Bouteiller C.; Licciardello F.; Lopez-Tarazon J.A.; Lucia A.; Marin C.; Marques M.J.; Martinez-Fernandez J.; Martinez-Mena M.; Martinez-Murillo J.F.; Mateos L.; Mathys N.; Merino-Martin L.; Moreno-de las Heras M.; Moustakas N.; Nicolau J.M.; Novara A.; Pampalone V.; Raclot D.; Rodriguez-Blanco M.L.; Rodrigo-Comino J.; Romero-Diaz A.; Roose E.; Rubio J.L.; Ruiz-Sinoga J.D.; Schnabel S.; Senciales-Gonzalez J.M.; Simonneaux V.; Sole-Benet A.; Taguas F.V.; Taboada-Castro	JOURNAL OF HYDROLOGY	571	390	405
495787	10447/432334	Species disparity response to mutagenesis of marine yeasts for the potential production of biodiesel	2019	Bessadok B.; Santulli A.; Breuck T.; Sadok S.	BIOTECHNOLOGY FOR BIOFUELS	12	129	
443479	10447/385538	Species-Specific Antioxidant Power and Bioactive Properties of the Extracts Obtained from Wild Mediterranean Calendula Spp. (Asteraceae)	2019	Messina, C.; Troia, A.; Arena, R.; Manuguerra, S.; Ioannou, T.; Curcuraci, E.; Renda, G.; Hellio, C.; Santulli, A.	APPLIED SCIENCES	9	1	13
423734	10447/367291	Spin state, electronic structure and bonding on C-scorpionate [Fe(II)Cl ₂ (tpm)] catalyst: An experimental and computational study	2019	Carlotto S.; Casella G.; Floreano L.; Verdini A.; Ribeiro A.P.C.; Martins L.M.D.R.S.; Casarin M.	CATALYSIS TODAY			
445993	10447/387833	Structure and composition of intertidal biofilms which enhance the settlement of the central-Mediterranean reef builder <i>Dendropoma cristatum</i> (Biondi 1859).	2019	C La Marca, E.; Catania, V.; Milazzo, M.; Chemello, R.; Mannino, A.; Tagliavia, M.; Lopresti, F.; Quatrini, P.			52	53

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402103	10447/347435	Sub-lethal doses of polybrominated diphenyl ethers affect some biomarkers involved in energy balance and cell cycle, via oxidative stress in the marine fish cell line SAF-1	2019	Ruiz, Cristobal Espinosa; Manuguerra, Simona; Cuesta, Alberto; Esteban, Maria Angeles; Santulli, Andrea; Messina, Concetta M.*	AQUATIC TOXICOLOGY	210	1	10
402105	10447/347437	Sub-lethal Doses of Polybrominated Diphenyl Ethers, in Vitro, Promote Oxidative Stress and Modulate Molecular Markers Related to Cell Cycle, Antioxidant Balance and Cellular Energy Management	2019	Manuguerra, Simona; Espinosa Ruiz, Cristóbal; Santulli, Andrea; Messina, Concetta Maria	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	16	1	17
400249	10447/345665	Sulfuric acid caves of Italy: A review	2019	D'Angeli, I.; Parise, M.; Vattano, M.; Madonia, G.; Galdenzi, S.; De Waele, J.	GEOMORPHOLOGY	333	105	122
402823	10447/348110	Synergistic reduction of a native key herbivore performance by two non-indigenous invasive algae	2019	Vega Fernández, Tomás*; Badalamenti, Fabio; Bonaviri, Chiara; Di Trapani, Francesco; Gianguzza, Paola; Noè, Simona; Musco, Luigi	MARINE POLLUTION BULLETIN	141	649	654
434229	10447/376761	Tentacles regeneration in <i>Anemonia viridis</i> (Anthozoa, Cnidaria).	2019	R Pernice, C La Corte, D Parrinello, S Barnay-Verdier, P Furla, M Cammarata, MG Parisi		ISJ 16: 34-47, 2019		
404704	10447/349882	Testing a new rill flow resistance approach using the Water Erosion Prediction Project experimental database	2019	Nicosia, Alessio; Di Stefano, Costanza; Pampalone, Vincenzo; Palmeri, Vincenzo; Ferro, Vito; Nearing, Mark A.	HYDROLOGICAL PROCESSES	33	616	626
450016	10447/391338	Testing the Universal Soil Loss Equation-MB equation in plots in Central and South Italy	2019	Di Stefano, C.; Pampalone, V.; Todisco, F.; Vergni, L.; Ferro, V.	HYDROLOGICAL PROCESSES	33	2422	2433
402108	10447/355912	The combined impact of cold smoking and natural antioxidants on quality and shelf life of dolphinfish (<i>Coryphaena hippurus</i>) fillets	2019	Messina, C.; Bono, G.; Arena, R.; Randazzo, M.; Morghese, M.; Manuguerra, S.; La Barbera, L.; Ozogul, F.; Sadok, S.; Santulli, A.	FOOD SCIENCE & NUTRITION	7	1239	1250
443679	10447/385728	The crater lake of Ilamatepec (Santa Ana) volcano, El Salvador: insights into lake gas composition and implications for monitoring	2019	Hasselle N.; Montalvo F.; Rouwet D.; Battaglia A.; Bitetto M.; Escobar D.; Gutierrez E.; Rivera J.; Villalobos A.M.; Cioni R.; de Moor J.M.; Fischer T.P.; Aiuppa A.	BULLETIN OF VOLCANOLOGY	81		
447929	10447/389563	The impact of Mt. Etna's ash plume on the chemical composition of meteoric deposition	2019	Brugnone, F.; Calabrese, S.; D'Alessandro, W.; LI VIGNI, L.; Parello, F.				
451245	10447/392473	The Nonvolatile and Volatile Metabolites of Prangos ferulacea and Their Biological Properties	2019	Bruno M.; Ilardi V.; Lupidi G.; Quassinti L.; Bramucci M.; Fiorini D.; Venditti A.; Maggi F.	PLANTA MEDICA	85	815	824

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447927	10447/389561	The precious "scientific heritage" of Mariano Valenza: the unknown history of Ludovico Sicardi and the birth of the modern volcanology	2019	Calabrese Sergio, Li Vigni Lorenza, Brugnone Filippo, Capasso Giorgio				
435240	10447/377763	The production cycle of lime-based plasters in the Late Roman settlement of Scauri, on the island of Pantelleria, Italy	2019	Montana, G.; Randazzo, L.; Ventura-Bordenca, C.; Giarrusso, R.; Baldassari, R.; Polito, A.	GEOARCHAEOLOGY	34	631	647
407440	10447/352350	The response of calcareous nannoplankton to sea surface variability at Ceara Rise during the early Pleistocene glacial-interglacial cycles	2019	Incarbona, A.; Di Stefano, E.; Maiorano, P.; Marino, M.; Pelosi, N.	ITALIAN JOURNAL OF GEOSCIENCES	138	3	16
401754	10447/376301	The Role of Lectins in Finfish: A Review	2019	Elumalai, P.; Rubeena, A.; Arockiaraj, J.; Wongpanya, R.; Cammarata, M.; Ringø, E.; Vaseeharan, B.	REVIEWS IN FISHERIES SCIENCE & AQUACULTURE	27	152	169
434607	10447/385466	The use and beauty of ultra-high-resolution seismic reflection imaging in Late Quaternary marine volcanoclastic settings, Bay of Naples, Italy	2019	Sacchi, M.; Caccavale, M.; Corradino, M.; Esposito, G.; Ferranti, L.; Hámori, Z.; Horváth †, F.; Insinga, D.; Marino, C.; Matano, F.; Molisso, F.; Natale, J.; Passaro, S.; Pepe, F.; Tóth, T.	FÖLDTANI KÖZLÖNY	149	371	394
491024	10447/428534.2	The use of very high resolution images for the estimation of Posidonia oceanica beach-cast morphology	2019	Signa Geraldina, Cassetti Federica, Noè Simona, Pampalone Vincenzo, Savona Andrea, Pirrotta Maria, Andolina Cristina, Tramati Cecilia, Vizzini Salvatrice, Mazzola Antonio, Calvo Sebastiano, Tomasello Agostino				
445325	10447/387265	Thermal and structural modeling of the Scillato wedge-top basin source-to-sink system: Insights into Sicilian fold-and-thrust belt building (Italy)	2019	Balestra M.; Corrado S.; Aldega L.; Gasparo Morticelli M.; Sulli A.; Rudkiewicz J.-L.; Sassi W.	GEOLOGICAL SOCIETY OF AMERICA BULLETIN	131	1763	1782
392863	10447/338639	Threatened biogenic formations of the Mediterranean: Current status and assessment of the vermetid reefs along the Lebanese coastline (Levant basin)	2019	Badreddine, A.; Milazzo, M.; Abboud-Abi Saab, M.; Bitar, G.; Mangialajo, L.	OCEAN & COASTAL MANAGEMENT	169	137	146

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451224	10447/392455	Towards a sustainable and equitable blue economy	2019	Bennett N.J.; Cisneros-Montemayor A.M.; Blythe J.; Silver J.J.; Singh G.; Andrews N.; Calo A.; Christie P.; Di Franco A.; Finkbeiner E.M.; Gelcich S.; Guidetti P.; Harper S.; Hotte N.; Kittinger J.N.; Le Billon P.; Lister J.; Lopez de la Lama R.; McKinley E.; Scholtens J.; Solas A.-M.; Sowman M.; Talloni-Alvarez N.; Teh L.C.L.; Voyer M.; Sumaila U.R.	NATURE SUSTAINABILITY	2	991	993
443691	10447/385740	Understanding the SO ₂ degassing budget of Mt Etna's paroxysms: First clues from the december 2015 sequence	2019	D'Aleo, R.; Bitetto, M.; Delle Donne, D.; Coltelli, M.; Coppola, D.; Kilbride, B.; Pecora, E.; Ripepe, M.; Salem, L.; Tamburello, G.; Aiuppa, A.	FRONTIERS IN EARTH SCIENCE	6		
427959	10447/371151	Use of lead isotopic fingerprint in human scalp hair to identify potential sources of pollution in industrial Sicilian sites (Italy)	2019	Varrica, D.; Tamburo, E.; Alaimo, M.; Losno, R.; Monna, F.			670	670
444890	10447/386879	Variable power-law scaling of hillslope Hortonian rainfall-runoff processes	2019	Wu, S.; Chen, L.; Wang, N.; Xu, S.; Bagarello, V.; Ferro, V.	HYDROLOGICAL PROCESSES	33	2926	2938
459248	10447/399487	Volatiles and trace elements content in melt inclusions from the zoned Green Tuff ignimbrite (Pantelleria, Sicily): petrological inferences	2019	Romano, Pierangelo; White, John; Ciulla, Alessandro; Di Carlo, Ida; D'Oriano, Claudia; Landi, Patrizia; Rotolo, Silvio	ANNALS OF GEOPHYSICS	62	1	18
444632	10447/386634	Volcanic Gas Emissions Along the Colombian Arc Segment of the Northern Volcanic Zone (CAS-NVZ): Implications for volcano monitoring and volatile budget of the Andean Volcanic Belt	2019	Lages J.; Chacon Z.; Burbano V.; Meza L.; Arellano S.; Liuzzo M.; Giudice G.; Aiuppa A.; Bitetto M.; Lopez C.	GEOCHEMISTRY, GEOPHYSICS, GEOSYSTEMS			
495789	10447/432332	Xenopus oocyte's conductance for bioactive compounds screening and characterization	2019	Cheikh A.; Tabka H.; Tlili Y.; Santulli A.; Bouzouaya N.; Bouhaouala-Zahar B.; Benkhalifa R.	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	20	2083	
433952	10447/430114	Zr/Hf ratio and REE behaviour: A coupled indication of lithogenic input in marginal basins and deep-sea brines	2019	Censi, P.; Raso, M.; Saiano, F.; Zuddas, P.; Oliveri, E	DEEP-SEA RESEARCH. PART 2. TOPICAL STUDIES IN OCEANOGRAPHY	164	216	223
469332	10447/408623	3-D Architecture and Plio-Quaternary Evolution of the Paola Basin: Insights Into the Forearc of the Tyrrhenian-Ionian Subduction System	2020	Corradino M.; Pepe F.; Bertotti G.; Picotti V.; Monaco C.; Nicolich R.	TECTONICS	39	1	24
496578	10447/432989	A christmas gift: Signature of the 24th December 2018 eruption of Mt. Etna on the chemical composition of bulk deposition in eastern sicily	2020	Brugnone F.; D'Alessandro W.; Calabrese S.; Li Vigni L.; Bellomo S.; Brusca L.; Prano V.; Saiano F.; Parello F.	ITALIAN JOURNAL OF GEOSCIENCES	39	1	18
470605	10447/409814	A comprehensive analysis of Universal Soil Loss Equation-based models at the Sparacia experimental area	2020	Bagarello V.; Ferro V.; Pampalone V.	HYDROLOGICAL PROCESSES	34	1545	1557

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477884	10447/416595	A Comprehensive Check of Usle-Based Soil Loss Prediction Models at the Sparacia (South Italy) Site	2020	Bagarello V.; Ferro V.; Pampalone V.		67	3	11
464325	10447/404006	A Cretaceous carbonate escarpment from Western Sicily (Italy): biostratigraphy and tectono-sedimentary evolution	2020	Vincenzo Randazzo, Pietro Di Stefano, Simona Todaro, Maria Simona Cacciatore	CRETACEOUS RESEARCH	110		
489835	10447/427556	A DFT mechanistic study of the synthesis of trans-Z,Z-[PtIICl(NH3){HN = C(NH2)Me}2]Cl from addition of NH3 to trans-[PtIICl2(N CMe)2]	2020	Casella, Girolamo; Carlotto, Silvia; Mozzon, Mirto; Sgarbossa, Paolo; Bertani, Roberta; Casarin, Maurizio	INORGANICA CHIMICA ACTA	511	119847	
490797	10447/428426	A scenario-based assessment of the tsunami hazard in palermo, northern sicily, and the southern tyrrhenian sea	2020	Dignan J.; Micallef A.; Mueller C.; Sulli A.; Zizzo E.; Spatola D.		500	63	80
482417	10447/420760	Active deformation evidence in the offshore of western Calabria (southern Tyrrhenian Sea) from ultra-resolution multichannel seismic reflection data: results from the Gulf of Sant'Eufemia	2020	Pepe, Fabrizio; Kanari, Mor; Burrato, Pierfrancesco; Corradino, Marta; Duarte, Henrique; Ferranti, Luigi; Monaco, Carmelo; Sacchi, Marco; Tibor, Gideon	GEOPHYSICAL RESEARCH ABSTRACTS			
490141	10447/427831	Aluminium distribution in an Earth's non-primitive lower mantle	2020	Merli M.; Bonadiman C.; Pavese A.	GEOCHIMICA ET COSMOCHIMICA ACTA	276	70	91
483424	10447/423074	Antioxidant properties of a supercritical fluid extract of the halophyte Mesembryanthemum nodiflorum L. from sicilian coasts: Nutraceutical and Cosmeceutical applications	2020	Arena R.; Manuguerra S.; Collins E.; Mahdhi A.; Renda G.; Messina C.M.; Santulli A.	APPLIED SCIENCES	10	2374	
499423	10447/435371	Application of non-invasive seismic techniques for the characterisation of a gravity concrete dam	2020	Capizzi P.; Martorana R.; Pirrera C.; Ventura Bordenca G.; Saggio C.	EXPLORATION GEOPHYSICS		1	14
502284	10447/437806	Arbacia	2020	Gianguzza P.		43	419	429
495792	10447/432336	Assessing spillover from marine protected areas and its drivers: A meta-analytical approach	2020	Di Lorenzo M.; Guidetti P.; Di Franco A.; Calò A.; Claudet J.	FISH AND FISHERIES	21	906	915
490516	10447/428187	Basic approach of inflammation, injury and regeneration in Anemonia viridis	2020	MG Parisi, C La Corte, D Parrinello, M Dara, M Cammarata	INVERTEBRATE SURVIVAL JOURNAL			
510239	10447/444773	BDE-47 exposure modulates cellular responses, oxidative stress and biotransformation related-genes in Mytilus galloprovincialis	2020	Messina C.M.; Espinosa Ruiz C.; Regoli F.; Manuguerra S.; D'Agostino F.; Avellone G.; Sprovieri M.; Santulli A.	FISH AND SHELLFISH IMMUNOLOGY	107, part B	537	546
459290	10447/399535	Beyond the Vegard's law: solid mixing excess volume and thermodynamic potentials prediction, from end-members	2020	Merli M.; Pavese A.	PHYSICS LETTERS A	384	126059	
492661	10447/429946	Brassica tardarae (Brassicaceae), a New Species from a Noteworthy Biotope of South-Western Sicily (Italy)	2020	Vincenzo Iardi, Angelo Troia, Anna Geraci	PLANTS	9	1	10

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459473	10447/399671	Capturing gypsum rillenkarran morphometry by a 3D-photo reconstruction (3D-PR) technique	2020	Palmeri V.; Madonia G.; Ferro V.	GEOMORPHOLOGY	351	1	12
448596	10447/390160	Carbamazepine, cadmium chloride and polybrominated diphenyl ether-47, synergistically modulate the expression of antioxidants and cell cycle biomarkers, in the marine fish cell line SAF-1	2020	Ruiz C.E.; Manuguerra S.; Curcuraci E.; Santulli A.; Messina C.M.	MARINE ENVIRONMENTAL RESEARCH	154	104844	
463907	10447/403973	Carbonate slope re-sedimentation in a tectonically-active setting (Western Sicily Cretaceous Escarpment, Italy)	2020	VINCENZO RANDAZZO; JOHAN LE GOFF; PIETRO DI STEFANO; JOHN REIJMER; SIMONA TODARO; MARIA SIMONA CACCIATORE	SEDIMENTOLOGY	67	2360	2391
436037	10447/378502	Carbonate/evaporitic sedimentation during the Messinian salinity crisis in active accretionary wedge basins of the northern Calabria, southern Italy	2020	Gindre-Chanu L.; Borrelli M.; Caruso A.; Critelli S.; Perri E.	MARINE AND PETROLEUM GEOLOGY	112	104066	
492865	10447/430110	Carbonatites from the Southern Brazilian platform: I	2020	Sergio Speciale, Francesca Castorina, Paolo Censi, Celso de Barros Gomes, Leila Soares Marques, Piero Comin-Chiaramonti	OPEN GEOSCIENCES	12		
492124	10447/429420	Ceramic raw materials: how to recognize them and locate the supply basins—mineralogy, petrography	2020	Montana G.	ARCHAEOLOGICAL AND ANTHROPOLOGICAL SCIENCES	12		
441597	10447/383837	Ciona robusta hemocyte populational dynamics and PO-dependent cytotoxic activity	2020	Parrinello Daniela; Parisi Maria Giovanna; Parrinello Nicolò; Cammarata Matteo;	DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY	103		
499140	10447/435108	Cnidarian immunity and the repertoire of defense mechanisms in anthozoans	2020	Parisi M.G.; Parrinello D.; Stabili L.; Cammarata M.	BIOLOGY	9	1	26
451904	10447/392957	Comment on “Rill erosion processes on steep colluvial deposit slope under heavy rainfall in flume experiments with artificial rain by F. Jiang et al.”	2020	Ferro, V.; Nicosia, A.	CATENA	185	103793	
454883	10447/395502	Constraints on mantle, slab and crustal contributions to major volatiles and noble gases along the Andean Volcanic Belt	2020					
456361	10447/396917	Continental degassing of helium in an active tectonic setting (northern Italy): the role of seismicity	2020	Buttitta D.; Caracausi A.; Chiaraluce L.; Favara R.; Gasparo Morticelli M.; Sulli A.	SCIENTIFIC REPORTS	10	1	13
493732	10447/430683	Covalently Conjugated Gold-Porphyrin Nanostructures	2020	Spitaleri, Luca; Gangemi, Chiara M A; Purrello, Roberto; Nicotra, Giuseppe; Trusso Sfrazzetto, Giuseppe; Casella, Girolamo; Casarin, Maurizio; Gulino, Antonino	NANOMATERIALS	10	1644	

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469606	10447/408880	Dietary administration effects of exopolysaccharide from potential probiotic strains on immune and antioxidant status and nutritional value of European sea bass (<i>Dicentrarchus labrax</i> L.)	2020	Mahdhi A.; Chakroun I.; Espinosa-Ruiz C.; Messina C.M.; Arena R.; Majdoub H.; Santulli A.; Mzoughi R.; Esteban M.A.	RESEARCH IN VETERINARY SCIENCE	131	51	58
451901	10447/392955	Dye-tracer technique for rill flows by velocity profile measurements	2020	Di Stefano C.; Nicosia A.; Palmeri V.; Pampalone V.; Ferro V.	CATENA	185	1	7
467764	10447/407146	Effect of <i>Jasonia glutinosa</i> on immune and oxidative status of gilthead seabream (<i>Sparus aurata</i> L.)	2020	Espinosa C.; Garcia Beltran J.M.; Messina C.M.; Esteban M.A.	FISH AND SHELLFISH IMMUNOLOGY	100	58	69
495797	10447/432338	Effects of marine noise pollution on Mediterranean fishes and invertebrates: A review	2020	Di Franco E.; Pierson P.; Di Iorio L.; Calò A.; Cottalorda J.M.; Derijard B.; Di Franco A.; Galve A.; Guibbolini M.; Lebrun J.; Micheli F.; Priouzeau F.; Risso-de Faverney C.; Rossi F.; Sabourault C.; Spennato G.; Verrando P.; Guidetti P.	MARINE POLLUTION BULLETIN	159	111450	
499142	10447/435110	Effects of organic mercury on <i>Mytilus galloprovincialis</i> hemocyte function and morphology	2020	Parisi M.G.; Pirrera J.; La Corte C.; Dara M.; Parrinello D.; Cammarata M.	JOURNAL OF COMPARATIVE PHYSIOLOGY. B, BIOCHEMICAL, SYSTEMIC, AND ENVIRONMENTAL PHYSIOLOGY			
506682	10447/441387	<i>Engraulis encrasicolus</i> larvae from two different environmental spawning areas of the Central Mediterranean Sea: first data on amino acid profiles and biochemical evaluations	2020	Falco F.; Barra M.; Wu G.; Dioguardi M.; Stincone P.; Cuttitta A.; Torri M.; Bonanno A.; Cammarata M.	THE EUROPEAN ZOOLOGICAL JOURNAL	87	580	590
497994	10447/434166	Environmental effects of tourism and its seasonality on Mediterranean islands: the contribution of the Interreg MED BLUEISLANDS project to build up an approach towards sustainable tourism	2020	Andolina C.; Signa G.; Tomasello A.; Mazzola A.; Vizzini S.	ENVIRONMENT, DEVELOPMENT AND SUSTAINABILITY			
486375	10447/424359	Essential oil compositions of <i>Teucrium fruticans</i> , <i>T. scordium</i> subsp. <i>scordioides</i> and <i>T. siculum</i> growing in Sicily and Malta	2020	Gagliano Candela R.; Ilardi V.; Badalamenti N.; Bruno M.; Rosselli S.; Maggi F.	NATURAL PRODUCT RESEARCH			
477844	10447/416570	Estimating soil loss of given return period by USLE-M-type models	2020	Pampalone V.; Ferro V.	HYDROLOGICAL PROCESSES	34	2324	2336
508738	10447/443341	Evaluation of the Effects of the Enriched-Organic Diets Composition on European Sea Bass Welfare through a Multi-Parametric Approach	2020	Carbonara, Pierluigi; Zupa, Walter; Bitetto, Isabella; Alfonso, Sébastien; Dara, Mariano; Cammarata, Matteo	JOURNAL OF MARINE SCIENCE AND ENGINEERING	8	934	

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490503	10447/428175	Evolution, adaptation and immune functions of fish F-type lectins. The novelty of FBL from <i>Trematomus bernacchii</i> (Boulenger, 1902)	2020	DARA MARIANO, PARISI MARIA GIOVANNA, LA CORTE CLAUDIA, PARRINELLO DANIELA, GIULIANINI PIERO, MANFRIN CHIARA, CAMMARATA MATTEO	INVERTEBRATE SURVIVAL JOURNAL		10	10
511710	10447/446198	Experimental and thermodynamic constraints on mineral equilibrium in pantelleritic magmas	2020	Romano P.; Scaillet B.; White J.C.; Andujar J.; Di Carlo I.; Rotolo S.G.	LITHOS	376-377	1	22
495786	10447/432327	Extending full protection inside existing marine protected areas, or reducing fishing effort outside, can reconcile conservation and fisheries goals	2020	Belharet M.; Di Franco A.; Calò A.; Mari L.; Claudet J.; Casagrandi R.; Gatto M.; Lloret J.; Seve C.; Guidetti P.; Melia P.	JOURNAL OF APPLIED ECOLOGY			
454350	10447/395051	FACIES HETEROGENEITY AND SEDIMENTARY PROCESSES ALONG A TECTONICALLY-CONTROLLED CARBONATE SLOPE: A CASE STUDY FROM THE CRETACEOUS OF WESTERN SICILY (ITALY)	2020					
482333	10447/420672	Fish assemblages cope with ocean acidification in a shallow volcanic CO2 vent benefiting from an adjacent recovery area	2020	Mirasole A.; Signa G.; Gianguzza P.; Bonaviri C.; Mazzola A.; Vizzini S.	MARINE ENVIRONMENTAL RESEARCH	157	104851	
470603	10447/409812	Flow resistance of overland flow on a smooth bed under simulated rainfall	2020	Nicosia A.; Di Stefano C.; Palmeri V.; Pampalone V.; Ferro V.	CATENA	187	1	7
482330	10447/420664	Formulation of a new sustainable feed from food industry discards for rearing the purple sea urchin <i>Paracentrotus lividus</i>	2020	Ciriminna L.; Signa G.; Vaccaro A.M.; Messina C.M.; Mazzola A.; Vizzini S.	AQUACULTURE NUTRITION	26	1046	1057
476242	10447/415030	Geoarchaeological evidence for the abandonment of the Roman baths at <i>Thermae Himerae</i>	2020	Belvedere Oscar; Contino Antonio; Forgia Vincenzo		9	65	70
467069	10447/406511	Geochemical characterization of trace elements in thermomineral waters of Greece	2020	Lorenza Li Vigni, Kyriaki Daskalopoulou, Sergio Calabrese, Konstantinos Kyriakopoulos, Lorenzo Brusca, Sergio Bellomo, Filippo Brugnone, Walter D'Alessandro		52		
475677	10447/430803	Geochemical constraints on basalt petrogenesis in the Strait of Sicily Rift Zone (Italy): Insights into the importance of short lengthscale mantle heterogeneity	2020	White, John Charles; Neave, David A.; Rotolo, Silvio G.; Parker, Don F.	CHEMICAL GEOLOGY	545	119650	
490632	10447/428314	Geomorphology of the urban area of Palermo (Italy)	2020	Cappadonia C.; Di Maggio C.; Agate M.; Agnesi V.	JOURNAL OF MAPS	16	274	284
481834	10447/420302	Holocene climate variability of the Western Mediterranean: Surface water dynamics inferred from calcareous plankton assemblages	2020	Bazzicalupo P.; Maiorano P.; Girone A.; Marino M.; Combourieu-Nebout N.; Pelosi N.; Salgueiro E.; Incarbona A.	THE HOLOCENE	30	691	708

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458157	10447/398461	Honey Bee Pollen in Meagre (<i>Argyrosomus regius</i>) Juvenile Diets: Effects on Growth, Diet Digestibility, Intestinal Traits, and Biochemical Markers Related to Health and Stress	2020	Valentina Panettieri; Stavros Chatzifotis; Concetta Messina; Ike Olivotto; Simona Manuguerra; Basilio Randazzo; Andrea Ariano; Fulvia Bovera; Andrea Santulli; Lorella Severino; Giovanni Piccolo	ANIMALS	10	1	17
514752	10447/449239	Impact of hydrothermal alteration processes on element mobility and potential environmental implications at the Sousaki solfataric field (Corinthia - Greece)	2020	D'Alessandro W.; Calabrese S.; Bellomo S.; Brusca L.; Daskalopoulou K.; Li Vigni L.; Randazzo L.; Kyriakopoulos K.	JOURNAL OF VOLCANOLOGY AND GEOTHERMAL RESEARCH	407	107121	
500358	10447/436137	Impact on air quality of the covid-19 lockdown in the urban area of Palermo (Italy)	2020	Vultaggio M.; Varrica D.; Alaimo M.G.	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	17	1	12
495790	10447/432329	Improving marine protected area governance through collaboration and co-production	2020	Di Franco A.; Hogg K.E.; Calò A.; Bennett N.J.; Sevin-Allouet M.-A.; Esparza Alaminos O.; Lang M.; Koutsoubas D.; Prvan M.; Santarossa L.; Niccolini F.; Milazzo M.; Guidetti P.	JOURNAL OF ENVIRONMENTAL MANAGEMENT	269	110757	
481794	10447/420257	Joint interpretation of seismic refraction tomography and electrical resistivity tomography by cluster analysis to detect buried cavities	2020	Carollo, Alessandra; Capizzi, Patrizia; Martorana, Raffaele	JOURNAL OF APPLIED GEOPHYSICS	178	104069	
486653	10447/424601	Letter to the editor regarding the article "Taking advantage of seagrass recovery potential to develop novel and effective meadow rehabilitation methods" by Alagna et al., published in Marine Pollution Bulletin, 149: 2019 (110578)	2020	Sebastiano Calvo; Maria Pirrotta; Agostino Tomasello	MARINE POLLUTION BULLETIN	158		
494176	10447/435151	Macroalgae transplant to detect the occurrence of anthropogenic nutrients in seawater of highly tourist beaches in Mediterranean islands	2020	Signa, Geraldina; Andolina, Cristina; Mazzola, Antonio; Vizzini, Salvatrice	ECOLOGICAL QUESTIONS	31	1	23
502288	10447/437811	Macroalgal forest vs sea urchin barren: Patterns of macro-zoobenthic diversity in a large-scale Mediterranean study: Macro-zoobenthos of barren and macroalgal forests	2020	Pinna S.; Piazzì L.; Ceccherelli G.; Castelli A.; Costa G.; Curini-Galletti M.; Gianguzza P.; Langeneck J.; Manconi R.; Montefalcone M.; Pipitone C.; Rosso A.; Bonaviri C.	MARINE ENVIRONMENTAL RESEARCH	159	1	16

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460427	10447/406464	Methanotrophy in geothermal soils, an overlooked process: The example of Nisyros island (Greece)	2020	Gagliano, Antonina Lisa; Calabrese, Sergio; Daskalopoulou, Kyriaki; Kyriakopoulos, Konstantinos; Tagliavia, Marcello; D'Alessandro, Walter	CHEMICAL GEOLOGY	539	119546	
476338	10447/415112	Modeling Macroalgal Forest Distribution at Mediterranean Scale: Present Status, Drivers of Changes and Insights for Conservation and Management	2020	Fabbrizzi, Erika; Scardi, Michele; Ballesteros, Enric; Benedetti-Cecchi, Lisandro; Cebrian, Emma; Ceccherelli, Giulia; De Leo, Francesco; Deidun, Alan; Guarnieri, Giuseppe; Falace, Annalisa; Fraissinet, Silvia; Giommi, Chiara; Macic, Vesna; Mangialajo, Luisa; Mannino, Anna Maria; Piazzì, Luigi; Ramdani, Mohamed; Rilov, Gil; Rindi, Luca; Rizzo, Lucia; Sarà, Gianluca; Ben Souissi, Jamila; Taskin, Ergun; Frascchetti, Simonetta	FRONTIERS IN MARINE SCIENCE	7	1	18
490889	10447/428494	Monitoring of alien aquatic plants in the inland waters of Sicily (Italy)	2020	Angelo Troia, Vincenzo Ilardi, Elisabetta Oddo	WEBBIA	75	77	83
467071	10447/406513	Monticchio Lakes	2020	B. Pedone, Giovannella Pecoraino, Sergio Calabrese, Ygor Oliveri, Francesco Salerno, Lorenzo Brusca, Lorenza Li Vigni		52		
495784	10447/432325	Multi-zone marine protected areas: Assessment of ecosystem and fisheries benefits using multiple ecosystem models	2020	Corrales X.; Vilas D.; Piroddi C.; Steenbeek J.; Claudet J.; Lloret J.; Calò A.; Di Franco A.; Font T.; Ligas A.; Prato G.; Sahyoun R.; Sartor P.; Guidetti P.; Coll M.	OCEAN & COASTAL MANAGEMENT	193	105232	
493515	10447/431040	Ontogenetic trophic segregation between two threatened smooth-hound sharks in the Central Mediterranean Sea	2020	Di Lorenzo M.; Vizzini S.; Signa G.; Andolina C.; Boscolo Palo G.; Gristina M.; Mazzoldi C.; Colloca F.	SCIENTIFIC REPORTS	10		
501560	10447/437188	Pore structure and water transfer in Pietra d'Aspra limestone: A neutronographic study	2020	Randazzo L.; Paladini G.; Venuti V.; Crupi V.; Ott F.; Montana G.; Ricca M.; Rovella N.; La Russa M.F.; Majolino D.	APPLIED SCIENCES	10	1	18
482213	10447/420578	Predicting gully occurrence at watershed scale: Comparing topographic indices and multivariate statistical models	2020	Conoscenti C.; Rotigliano E.	GEOMORPHOLOGY	359		

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467065	10447/406507	Preliminary results of carbon degassing in the tectonically active areas of Balkan Peninsula	2020	Artur Ionescu, Carlo Cardellini, Walter D'Alessandro, Antonio Caracausi, Giancarlo Tamburello, Giovanni Chiodini, Marjan Temovski, Paolo Randazzo, Lorenza Li Vigni, Nina Rman, Petar Papic, Andrej Stroj, Stassa Borovic, Aurel Persoiu, Calin Baci		52		
459130	10447/399386	Recognition of Trace Element Contamination Using Ficus macrophylla Leaves in Urban Environment	2020	Alaimo Maria Grazia; Varrica Daniela	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	17	881	894
480289	10447/418790	Resilience of the seagrass Posidonia oceanica following pulse-type disturbance	2020	Salvatrice Vizzini; Simona Noe'; Carmelina Bellavia; Sebastiano Calvo; Antonio Mazzola; Maria Pirrotta; Mariangela Sciandra; Agostino Tomasello	MARINE ENVIRONMENTAL RESEARCH			
483003	10447/421284	Salt extraction from lime-based mortars: An experimental study using different poultice formulations	2020	Randazzo L.; Montana G.; Castiglia A.; La Russa M.F.	CONSTRUCTION AND BUILDING MATERIALS	255	119391	
483422	10447/421691	Screening of antioxidant potentials and bioactive properties of the extracts obtained from two Centaurea L. species (C. kroumirensis coss. and C. sicula L. subsp sicula)	2020	Dhouibi N.; Manuguerra S.; Arena R.; Mahdhi A.; Messina C.M.; Santulli A.; Dhaouadi H.	APPLIED SCIENCES	10	2267	
501727	10447/437338	Seasonal characterization of nutritional and antioxidant properties of Opuntia ficus-indica [(L.) Mill.] mucilage	2020	Messina C.M.; Arena R.; Morghese M.; Santulli A.; Liguori G.; Inglese P.	FOOD HYDROCOLLOIDS	111	1	7
485477	10447/423568	Seismic and non-invasive geophysical surveys for the renovation project of Branciforte Palace in Palermo	2020	Martorana, Raffaele; Capizzi, Patrizia	ARCHAEOLOGICAL PROSPECTION		1	14
467057	10447/406504	Signature of the 24th December 2018 eruption of Mt. Etna on the chemical composition of bulk deposition in the Siracusa area (Italy)	2020	Filippo Brugnone, Sergio Calabrese, Walter D'Alessandro, Lorenza Li Vigni, Francesco Parello				
495780	10447/432323	Social equity and marine protected areas: Perceptions of small-scale fishermen in the Mediterranean Sea	2020	Bennett N.J.; Calò A.; Di Franco A.; Niccolini F.; Marzo D.; Domina I.; Dimitriadis C.; Sobrado F.; Santoni M.-C.; Charbonnel E.; Trujillo M.; Garcia-Charton J.; Seddiki L.; Cappanera V.; Grbin J.; Kastelic L.; Milazzo M.; Guidetti P.	BIOLOGICAL CONSERVATION	244	108531	

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451906	10447/392960	Standardizing the use of fast-field cycling NMR relaxometry for measuring hydrological connectivity inside the soil	2020	Conte, P.; Ferro, V.	MAGNETIC RESONANCE IN CHEMISTRY	58	41	50
491399	10447/428947	Surgical implantation of electronic tags does not induce medium-term effect: Insights from growth and stress physiological profile in two marine fish species	2020	Alfonso S.; Zupa W.; Manfrin A.; Fiocchi E.; Dioguardi M.; Dara M.; Lembo G.; Carbonara P.; Cammarata M.	ANIMAL BIOTELEMETRY	8		
470705	10447/409925	Testing a theoretical resistance law for overland flow on a stony hillslope	2020	Nicosia A.; Di Stefano C.; Pampalone V.; Palmeri V.; Ferro V.; Nearing M.A.	HYDROLOGICAL PROCESSES	34	2048	2056
457847	10447/398169	Testing a theoretical resistance law for overland flow under simulated rainfall with different types of vegetation	2020	Nicosia A.; Di Stefano C.; Pampalone V.; Palmeri V.; Ferro V.; Polyakov V.; Nearing M.A.	CATENA	189	1	8
390492	10447/336581	The antioxidant power of horseradish, <i>Armoracia rusticana</i> , underlies antimicrobial and antiradical effects, exerted in vitro	2020	Manuguerra, Simona; Caccamo, Letteria; Mancuso, Monique; Arena, Rosaria; Rappazzo, Alessandro C; Genovese, Lucrezia; Santulli, Andrea; Messina, Concetta M; Maricchiolo, G	NATURAL PRODUCT RESEARCH	34	1567	1570
501676	10447/437315	The beginning of western greek amphorae production in western Sicily: archaeometric and archaeological studies on 6th–5th centuries BCE amphorae manufactured in Himera	2020	Montana G.; Randazzo L.; Bechtold B.	MINERALS	10	1	19
495800	10447/432342	The effects of marine protected areas on ecosystem recovery and fisheries using a comparative modelling approach	2020	Vilas D.; Coll M.; Corrales X.; Steenbeek J.; Piroddi C.; Calò A.; Di Franco A.; Font T.; Guidetti P.; Ligas A.; Lloret J.; Prato G.; Sahyoun R.; Sartor P.; Claudet J.	AQUATIC CONSERVATION-MARINE AND FRESHWATER ECOSYSTEMS			
469334	10447/408625	The holocene marine record of unrest, volcanism, and hydrothermal activity of campi flegrei and somma-vesuvius	2020	Sacchi M.; Passaro S.; Molisso F.; Matano F.; Steinmann L.; Spiess V.; Pepe F.; Corradino M.; Caccavale M.; Tamburrino S.; Esposito G.; Vallefucio M.; Ventura G.			435	469
460811	10447/400841	The Inclusion of a Supercritical Fluid Extract, Obtained From Honey Bee Pollen, in the Diet of Gilthead Sea Bream (<i>Sparus aurata</i>), Improves Fish Immune Response by Enhancing Anti-oxidant, and Anti-bacterial Activities	2020	Messina, Concetta Maria; Panettieri, Valentina; Arena, Rosaria; Renda, Giuseppe; Espinosa Ruiz, Cristobal; Morgheese, Maria; Piccolo, Giovanni; Santulli, Andrea; Bovera, Fulvia	FRONTIERS IN VETERINARY SCIENCE	7	1	10

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508634	10447/443204	The Iso2k database: A global compilation of paleo- $\delta^{18}O$ and $\delta^{2}H$ records to aid understanding of Common Era climate	2020	Konecky, B.L.aEmail Author, McKay, N.P.b, Churakova, O.V.c,d, Comas-Bru, L.e, Dassié, E.P.f, DeLong, K.L.g, Falster, G.M.a, Fischer, M.J.h, Jones, M.D.i, Jonkers, L.j, Kaufman, D.S.b, Leduc, G.k, Managave, S.R.l, Martrat, B.m, Opel, T.n, Orsi, A.J.o, Partin, J.W.p, Sayani, H.R.q, Thomas, E.K.r, Thompson, D.M.s, Tyler, J.J.t, Abram, N.J.u, Atwood, A.R.v, Cartapanis, O.w, Conroy, J.L.x, Curran, M.A.y, Dee, S.G.z, Deininger, M.aa, Divine, D.V.ab, Kern, Z.ac, Porter, T.J.ad, Stevenson, S.L.ae, von Gunten, L.af, Braun, K.ag, Carré, M.ah, Incarbona, A.ai, Kaushal, N.aj, Kläebe, R.M.t, Kolus, H.R.b, Mortyn, P.G.ak, Moy, A.D.y, Roop, H.A.al, Sicre, M.-A.ah, Yoshimura, K.am,	EARTH SYSTEM SCIENCE DATA	12	2261	2288
490510	10447/428179	The Mediterranean anthozoan <i>Anemonia viridis</i> (Forsskål, 1775) for the study of inflammation and regeneration	2020	CLAUDIA La Corte, Matteo Cammarata, Daniela Parrinello, Mariano Dara, Annalisa Grimaldi, Nicolò Baranzini, Maria Giovanna Parisi	INVERTEBRATE SURVIVAL JOURNAL		20	20
502795	10447/438228	The Postglacial Isotopic Record of Intermediate Water Connects Mediterranean Sapropels and Organic-Rich Layers	2020	alessandro incarbona; mario sprovieri	PALEOCEANOGRAPHY AND PALEOCLIMATOLOGY	35	1	20
484471	10447/424116	The Santa Ninfa cave (Belice Valley): hydrogeochemical features and relationships with neotectonics	2020	Madonia P.; Madonia G.	ANNALS OF GEOPHYSICS	63	1	13
506045	10447/441219	The use of stable isotope ratio analysis to trace European sea bass (<i>D. labrax</i>) originating from different farming systems	2020	Tulli F.; Moreno-Rojas J.M.; Messina C.M.; Trocino A.; Xiccato G.; Munoz-Redondo J.M.; Santulli A.; Tibaldi E.	ANIMALS	10	1	15
491016	10447/423456.8	The use of very high resolution images for studying <i>Posidonia oceanica</i> reefs	2020	Agostino Tomasello; Federica Cassetti; Andrea Savona; Vincenzo Pampalone; Maria Pirrotta; Sebastiano Calvo; Geraldina Signa; Cristina Andolina; Antonio Mazzola; Salvatrice Vizzini; Anselme Muzirafuti; Stefania Lanza; Giovanni Randazzo	VIE ET MILIEU			

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491027	10447/428538.5	The use of very high-resolution images for mapping of Posidonia oceanica reef	2020	Tomasello Agostino, Savona Andrea, Pampalone Vincenzo, Cassetti Federica, Signa Geraldina, Pirrotta Maria, Andolina Cristina, Aleo Adele Elisa, Tramati Cecilia, Vizzini Salvatrice, Mazzola Antonio, Calvo Sebastiano, Muzirafuti Anselme, Lanza Stefania, Barreca Giovanni, Crupi Antonio, Gregorio Francesco, Cascio Maria, Fontana Marco, Randazzo Giovanni				
467067	10447/406509	Thermomineral waters of Greece: geochemical characterization	2020	Lorenza Li Vigni, Kyriaki Daskalopoulou, Sergio Calabrese, Konstantinos Kyriakopoulos, Filippo Brugnone, Walter D'Alessandro		52		
492810	10447/430108	Trace element fractionation through halite crystallisation: Geochemical mechanisms and environmental implications	2020	Censi, P; Sirota, I; Zuddas, P; Lensky, N; Merli, M; Saiano, F; Piazzese, D; Sposito, F; Venturelli, M	SCIENCE OF THE TOTAL ENVIRONMENT	723		
502286	10447/437808	Unveiling the diet of the thermophilic starfish Ophidiaster ophidianus (Echinodermata: Asteroidea) combining visual observation and stable isotopes analysis	2020	Di Trapani F.; Agnetta D.; Bonaviri C.; Badalamenti F.; Gianguzza P.	MARINE BIOLOGY	167	1	11
454279	10447/395025	Vegetated Habitats Trophically Support Early Development Stages of a Marine Migrant Fish in a Coastal Lagoon	2020	Andolina, C.; Franzoi, P.; Jackson, A.; Mazzola, A.; Vizzini, S.	ESTUARIES AND COASTS	43	424	437
493505	10447/430624	$\delta^{15}\text{N}$ in deployed macroalgae as a tool to monitor nutrient input driven by tourism activities in Mediterranean islands	2020	Signa G.; Andolina C.; Tomasello A.; Mazzola A.; Vizzini S.	MARINE POLLUTION BULLETIN	159	111504	