

# Deep roots of the Messinian salinity crisis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Orocline triggered lithospheric delamination. , 2004, , 121-130.		45
2	RATES OF MOLECULAR EVOLUTION IN NUCLEAR GENES OF EAST MEDITERRANEAN SCORPIONS. Evolution; International Journal of Organic Evolution, 2004, 58, 2486.	1.1	2
3	Rapid Miocene-Pliocene dispersal and evolution of Mediterranean rajid fauna as inferred by mitochondrial gene variation. Journal of Evolutionary Biology, 2004, 18, 436-446.	0.8	34
4	Body size structure in north-western Mediterranean Plio-Pleistocene mammalian faunas. Global Ecology and Biogeography, 2004, 13, 163-176.	2.7	33
5	From Europe to Africa and vice versa: evidence for multiple intercontinental dispersal in ribbed salamanders (Genus Pleurodeles). Journal of Biogeography, 2004, 31, 159-171.	1.4	102
6	Palaeomagnetic constraints on the geodynamic evolution of the Gibraltar Arc. Terra Nova, 2004, 16, 281-287.	0.9	34
7	Genetic diversity and population structure of the commercially harvested sea urchin <i>Paracentrotus lividus</i> (Echinodermata, Echinoidea). Molecular Ecology, 2004, 13, 3317-3328.	2.0	125
8	The genetic population structure of <i>Buthus occitanus</i> (Scorpiones: Buthidae) across the Strait of Gibraltar: calibrating a molecular clock using nuclear allozyme variation. Biological Journal of the Linnean Society, 2004, 81, 519-534.	0.7	18
9	Relationship of <i>Hypochaeris salzmanniana</i> (Asteraceae, Lactuceae), an endangered species of the Iberian Peninsula, to <i>H. radicata</i> and <i>H. glabra</i> and biogeographical implications. Botanical Journal of the Linnean Society, 2004, 146, 79-95.	0.8	31
10	RATES OF MOLECULAR EVOLUTION IN NUCLEAR GENES OF EAST MEDITERRANEAN SCORPIONS. Evolution; International Journal of Organic Evolution, 2004, 58, 2486-2497.	1.1	30
11	Depleted arc volcanism in the Alboran Sea and shoshonitic volcanism in Morocco: geochemical and isotopic constraints on Neogene tectonic processes. Lithos, 2004, 78, 363-388.	0.6	83
12	Correlations and sequence stratigraphic model for Messinian carbonate platforms of the western and central Mediterranean. International Journal of Earth Sciences, 2004, 93, 621.	0.9	36
13	Evolution of coral reef fish <i>Thalassoma</i> spp. (Labridae). 2. Evolution of the eastern Atlantic species. Marine Biology, 2004, 144, 377-383.	0.7	41
14	Phylogeographical history of the sponge <i>Crambe crambe</i> (Porifera, Poecilosclerida): range expansion and recent invasion of the Macaronesian islands from the Mediterranean Sea. Molecular Ecology, 2004, 13, 109-122.	2.0	106
15	Molecular architecture of <i>Pipistrellus pipistrellus</i> / <i>Pipistrellus pygmaeus</i> complex (Chiroptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187 Phylogenetics and Evolution, 2004, 32, 1023-1035.	1.2	106
16	The volcanism-related multistage hydrothermal system of El Jaroso (SE Spain): Implications for the exploration of Mars. Earth, Planets and Space, 2004, 56, v-viii.	0.9	21
17	Tectonic control on past circulation of the Mediterranean Sea: A model study of the Late Miocene. Paleoceanography, 2004, 19, n/a-n/a.	3.0	35
18	Magmatic evolution of the Alboran region: The role of subduction in forming the western Mediterranean and causing the Messinian Salinity Crisis. Earth and Planetary Science Letters, 2004, 218, 91-108.	1.8	255

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19	History of West Mediterranean newts, <i>Pleurodeles</i> (Amphibia: Salamandridae), inferred from old and recent DNA sequences. <i>Systematics and Biodiversity</i> , 2004, 1, 327-337.	0.5	72
20	Taxonomic revision of Algero-Tunisian <i>Pleurodeles</i> (Caudata: Salamandridae) using molecular and morphological data. Revalidation of the taxon <i>Pleurodeles nebulosus</i> (Guichenot, 1850). <i>Zootaxa</i> , 2004, 488, 1–24.	0.2	49
21	Phylogenetic relationships and biogeography of <i>Podarcis</i> species from the Balkan Peninsula, by bayesian and maximum likelihood analyses of mitochondrial DNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 845-857.	1.2	80
22	Evolution and phylogeography of <i>Halimeda</i> section <i>Halimeda</i> (Bryopsidales, Chlorophyta). <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 789-803.	1.2	42
23	Evolutionary history of the greater white-toothed shrew ( <i>Crocidura russula</i> ) inferred from analysis of mtDNA, Y, and X chromosome markers. <i>Molecular Phylogenetics and Evolution</i> , 2005, 37, 832-844.	1.2	54
24	Historical colonization and demography of the Mediterranean damselfish, <i>Chromis chromis</i> . <i>Molecular Ecology</i> , 2005, 14, 4051-4063.	2.0	110
25	Evolutionary processes in a continental island system: molecular phylogeography of the Aegean <i>Nigella arvensis</i> alliance (Ranunculaceae) inferred from chloroplast DNA. <i>Molecular Ecology</i> , 2005, 14, 4065-4083.	2.0	102
26	How did the Messinian Salinity Crisis end?. <i>Terra Nova</i> , 2005, 17, 414-419.	0.9	49
27	Effects of mantle upwelling in a compressional setting: the Atlas Mountains of Morocco. <i>Terra Nova</i> , 2005, 17, 456-461.	0.9	162
28	Molecular dating of caprines using ancient DNA sequences of <i>Myotragus balearicus</i> , an extinct endemic Balearic mammal. <i>BMC Evolutionary Biology</i> , 2005, 5, 70.	3.2	66
29	Erosional processes and paleo-environmental changes in the Western Gulf of Lions (SW France) during the Messinian Salinity Crisis. <i>Marine Geology</i> , 2005, 217, 1-30.	0.9	189
30	LARGE-SCALE BIOGEOGRAPHIC PATTERNS IN MARINE MOLLUSKS: A CONFLUENCE OF HISTORY AND PRODUCTIVITY?. <i>Ecology</i> , 2005, 86, 2288-2297.	1.5	127
31	Post-Collisional Transition from Subduction- to Intraplate-type Magmatism in the Westernmost Mediterranean: Evidence for Continental-Edge Delamination of Subcontinental Lithosphere. <i>Journal of Petrology</i> , 2005, 46, 1155-1201.	1.1	456
32	Lithosphere tearing at STEP faults: response to edges of subduction zones. <i>Earth and Planetary Science Letters</i> , 2005, 236, 505-523.	1.8	542
33	Stratigraphy and strontium geochemistry of Messinian evaporite-bearing successions of the southern Apennines foredeep, Italy: implications for the Mediterranean "salinity crisis" and regional palaeogeography. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2005, 217, 87-114.	1.0	37
34	Tertiary-Quaternary subduction processes and related magmatism in the Alpine-Mediterranean region. <i>Geological Society Memoir</i> , 2006, 32, 167-190.	0.9	44
35	Range Size: Disentangling Current Traits and Phylogenetic and Biogeographic Factors. <i>American Naturalist</i> , 2006, 167, 555-567.	1.0	125
36	Tertiary-Quaternary intra-plate magmatism in Europe and its relationship to mantle dynamics. <i>Geological Society Memoir</i> , 2006, 32, 147-166.	0.9	69

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37	Ecological and biogeographical analyses of Mediterranean forests of northern Morocco. <i>Acta Oecologica</i> , 2006, 29, 104-113.	0.5	61
38	Beyond methane: Towards a theory for the Paleocene–Eocene Thermal Maximum. <i>Earth and Planetary Science Letters</i> , 2006, 245, 523-537.	1.8	266
39	Neogene tectonic evolution of the Gibraltar Arc: New paleomagnetic constraints from the Betic chain. <i>Earth and Planetary Science Letters</i> , 2006, 250, 522-540.	1.8	32
40	The contourite depositional system of the Gulf of Cadiz: A sedimentary model related to the bottom current activity of the Mediterranean outflow water and its interaction with the continental margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006, 53, 1420-1463.	0.6	198
41	The late Messinian erosional surface and the subsequent reflooding in the Mediterranean: New insights from the Melilla–Nador basin (Morocco). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 230, 129-154.	1.0	38
42	Late Miocene to Pleistocene paleoceanographic records from the Feni and Gardar Drifts: Pliocene reduction in abyssal flow. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 236, 290-301.	1.0	22
43	The Messinian salinity crisis: Looking for a new paradigm?. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 238, 386-398.	1.0	93
44	Bovine paleoecology and paleoenvironments from the Late Miocene of Bulgaria: Evidence from dental microwear and stable isotopes. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2006, 241, 637-654.	1.0	53
45	The Gibraltar Arc seismogenic zone (part 1): Constraints on a shallow east dipping fault plane source for the 1755 Lisbon earthquake provided by seismic data, gravity and thermal modeling. <i>Tectonophysics</i> , 2006, 426, 135-152.	0.9	73
46	Active transfer fault zone linking a segmented extensional system (Betics, southern Spain): Insight into heterogeneous extension driven by edge delamination. <i>Tectonophysics</i> , 2006, 422, 159-173.	0.9	91
47	Determinant variables of Iberian Peninsula Aphodiinae diversity (Coleoptera, Scarabaeoidea). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 342 T</i>	1.4	16
48	Phylogeography of the lacertid lizard, <i>Psammodromus algirus</i> , in Iberia and across the Strait of Gibraltar. <i>Journal of Biogeography</i> , 2006, 33, 1279-1288.	1.4	85
49	Relationship between erosion surfaces and Late Miocene Salinity Crisis deposits in the Valencia Basin (northwestern Mediterranean): evidence for an early sea-level fall. <i>Terra Nova</i> , 2006, 18, 321-329.	0.9	22
50	Offshore evidence of polyphase erosion in the Valencia Basin (Northwestern Mediterranean): Scenario for the Messinian Salinity Crisis. <i>Sedimentary Geology</i> , 2006, 188-189, 69-91.	1.0	64
51	On the origin of the Strait of Gibraltar. <i>Sedimentary Geology</i> , 2006, 188-189, 341-356.	1.0	86
52	Phylogeny, biogeography, and evolution of two Mediterranean snakes, <i>Malpolon monspessulanus</i> and <i>Hemorrhois hippocrepis</i> (Squamata, Colubridae), using mtDNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2006, 40, 532-546.	1.2	112
53	Heterogeneous colonization pattern of European Cyprinids, as highlighted by the dace complex (Teleostei: Cyprinidae). <i>Molecular Phylogenetics and Evolution</i> , 2006, 41, 127-148.	1.2	34
54	A framework for regional modeling of past climates. <i>Theoretical and Applied Climatology</i> , 2006, 86, 271-279.	1.3	8

#	ARTICLE	IF	CITATIONS
55	Precise $^{40}\text{Ar}/^{39}\text{Ar}$ dating of volcanic tuffs within the upper Messinian sequences in the Melilla carbonate complex (NE Morocco): implications for the Messinian Salinity Crisis. <i>International Journal of Earth Sciences</i> , 2006, 95, 491-503.	0.9	10
56	Phylogeographic patterns of the mysid <i>Mesopodopsis slabberi</i> (Crustacea, Mysida) in Western Europe: evidence for high molecular diversity and cryptic speciation. <i>Marine Biology</i> , 2006, 149, 465-481.	0.7	36
57	Lithospheric-scale geodynamic context of the Messinian salinity crisis. <i>Sedimentary Geology</i> , 2006, 188-189, 9-33.	1.0	189
58	Lithofacies and water-body record of Messinian evaporites in Nijar Basin, SE Spain. <i>Sedimentary Geology</i> , 2006, 188-189, 115-130.	1.0	20
59	Tectonic control for evaporite formation in the Eastern Betics (Tortonian; Spain). <i>Sedimentary Geology</i> , 2006, 188-189, 155-170.	1.0	45
60	The beginning, development and termination of the Middle Miocene Badenian salinity crisis in Central Paratethys. <i>Sedimentary Geology</i> , 2006, 188-189, 379-396.	1.0	84
61	Paleoenvironmental evolution of the eastern Mediterranean during the Messinian: Constraints from integrated microfossil data of the Pissouri Basin (Cyprus). <i>Marine Micropaleontology</i> , 2006, 60, 17-44.	0.5	86
62	Late Miocene fish otoliths from the Colombacci Formation (Northern Apennines, Italy): implications for the Messinian "Lago-mare" event. <i>Geological Journal</i> , 2006, 41, 537-555.	0.6	27
63	Mare versus Lago-mare: marine fishes and the Mediterranean environment at the end of the Messinian Salinity Crisis. <i>Journal of the Geological Society</i> , 2006, 163, 75-80.	0.9	77
64	Rediscovery of <i>Salamandra algira</i> Bedriaga, 1833 from the Beni Snassen massif (Morocco) and phylogenetic relationships of North African <i>Salamandra</i> . <i>Amphibia - Reptilia</i> , 2006, 27, 448-455.	0.1	31
65	Phylogeography of the genus <i>Blanus</i> (worm lizards) in Iberia and Morocco based on mitochondrial and nuclear markers " preliminary analysis. <i>Amphibia - Reptilia</i> , 2006, 27, 339-346.	0.1	15
66	Geochemistry, Petrogenesis and Geodynamic Relationships of Miocene Calc-alkaline Volcanic Rocks in the Western Carpathian Arc, Eastern Central Europe. <i>Journal of Petrology</i> , 2007, 48, 2261-2287.	1.1	71
67	Cenozoic evolution of the Alboran Domain: A review of the tectonomagmatic models. , 2007, , .		15
68	The "Evaporiti di Monte Castello" deposits of the Messinian Southern Apennines foreland basin (Irpinia "Daunia Mountains, Southern Italy): stratigraphic evolution and geological context. <i>Geological Society Special Publication</i> , 2007, 285, 191-218.	0.8	4
69	The transition from subduction-related to intraplate Neogene magmatism in the Western Anatolia and Aegean area. , 2007, , .		38
70	A review of petrogenesis of Mediterranean Tertiary lamproites: A perspective from the Serbian ultrapotassic province. , 2007, , .		13
71	The Northwestern (Maghreb) boundary of the Nubia (Africa) Plate. <i>Tectonophysics</i> , 2007, 429, 21-44.	0.9	59
72	Long-term development and current status of the Barcelona continental shelf: A source-to-sink approach. <i>Continental Shelf Research</i> , 2007, 27, 1779-1800.	0.9	31

#	ARTICLE	IF	CITATIONS
73	<i>Daphniola</i> Radoman, 1973 (Gastropoda: Hydrobiidae): shell biometry, mtDNA, and the Pliocene flooding. <i>Journal of Natural History</i> , 2007, 41, 2301-2311.	0.2	28
74	Present-day stress field in the Gibraltar Arc (western Mediterranean). <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	51
75	Crustal types and Tertiary tectonic evolution of the Alboran sea, western Mediterranean. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, .	1.0	143
76	Mediterranean Sea level variations during the Messinian salinity crisis. <i>Geophysical Research Letters</i> , 2007, 34, .	1.5	76
77	Inference of evolutionary patterns of the land snail <i>Albinaria</i> in the Aegean archipelago: Is vicariance enough?. <i>Molecular Phylogenetics and Evolution</i> , 2007, 44, 1224-1236.	1.2	32
78	Systematics and biogeography of New World sea catfishes (Siluriformes: Ariidae) as inferred from mitochondrial, nuclear, and morphological evidence. <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 339-357.	1.2	56
79	Phylogeny and biogeography of the alpine newt <i>Mesotriton alpestris</i> (Salamandridae, Caudata), inferred from mtDNA sequences. <i>Molecular Phylogenetics and Evolution</i> , 2007, 45, 211-226.	1.2	88
80	Molecular biogeography of Europe: Pleistocene cycles and postglacial trends. , 2007, 4, 11.		689
81	Genetic structure and population differentiation of the Mediterranean pioneer spiny broom <i>Calicotome villosa</i> across the Strait of Gibraltar. <i>Biological Journal of the Linnean Society</i> , 0, 93, 39-51.	0.7	23
82	Morphological variation of <i>Narcissus serotinus</i> L. s.l. (Amaryllidaceae) in the Iberian Peninsula. <i>Botanical Journal of the Linnean Society</i> , 2007, 154, 237-257.	0.8	18
83	Genetic differentiation and natural hybridization between the Sardinian endemic <i>Maniola nurag</i> and the European <i>Maniola jurtina</i> . <i>Journal of Evolutionary Biology</i> , 2007, 20, 1255-1270.	0.8	12
84	Contrasting patterns of population subdivision and historical demography in three western Mediterranean lizard species inferred from mitochondrial DNA variation. <i>Molecular Ecology</i> , 2007, 16, 1191-1205.	2.0	74
85	Phylogeographical and speciation patterns in subterranean worm lizards of the genus <i>Blanus</i> (Amphisbaenia: Blanidae). <i>Molecular Ecology</i> , 2007, 16, 1519-1531.	2.0	45
86	Mitochondrial differentiation and biogeography of <i>Hyla meridionalis</i> (Anura: Hylidae): an unusual phylogeographical pattern. <i>Journal of Biogeography</i> , 2007, 34, 1207-1219.	1.4	108
87	The Messinian event: What happened to the peri-Mediterranean mammalian communities and local climate?. <i>Geobios</i> , 2007, 40, 423-431.	0.7	9
88	The circum-Mediterranean anorogenic Cenozoic igneous province. <i>Earth-Science Reviews</i> , 2007, 81, 1-65.	4.0	464
89	Mitochondrial markers reveal deep population subdivision in the European protected spider <i>Macrothele calpeiana</i> (Walckenaer, 1805) (Araneae, Hexathelidae). <i>Conservation Genetics</i> , 2007, 8, 1147-1162.	0.8	49
90	Onshore to offshore reconstruction of the Messinian erosion surface in Western Sardinia, Italy: Implications for the Messinian salinity crisis. <i>Sedimentary Geology</i> , 2008, 210, 48-60.	1.0	22

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91	Asymmetric Delamination and Convective Removal Numerical Modeling: Comparison with Evolutionary Models for the Alboran Sea Region. <i>Pure and Applied Geophysics</i> , 2008, 165, 1683-1706.	0.8	27
92	Two markers and one history: phylogeography of the edible common sea urchin <i>Paracentrotus lividus</i> in the Lusitanian region. <i>Marine Biology</i> , 2008, 154, 137-151.	0.7	64
93	Tropical fishes in a temperate sea: evolution of the wrasse <i>Thalassoma pavo</i> and the parrotfish <i>Sparisoma cretense</i> in the Mediterranean and the adjacent Macaronesian and Cape Verde Archipelagos. <i>Marine Biology</i> , 2008, 154, 465-474.	0.7	19
94	Geochemical zonation of the Miocene Alboran Basin volcanism (westernmost Mediterranean): geodynamic implications. <i>Contributions To Mineralogy and Petrology</i> , 2008, 156, 577-593.	1.2	95
95	Phylogeography of the European spiny lobster ( <i>Palinurus elephas</i> ): Influence of current oceanographical features and historical processes. <i>Molecular Phylogenetics and Evolution</i> , 2008, 48, 708-717.	1.2	82
96	Patterns of diversification on old volcanic islands as revealed by the woodlouse-hunter spider genus <i>Dysdera</i> (Araneae, Dysderidae) in the eastern Canary Islands. <i>Biological Journal of the Linnean Society</i> , 0, 94, 589-615.	0.7	30
97	Inferring evolutionary scenarios with geostatistics and geographical information systems for the viperid snakes <i>Vipera latastei</i> and <i>Vipera monticola</i> . <i>Biological Journal of the Linnean Society</i> , 0, 95, 790-806.	0.7	32
98	The environmental context of human evolutionary history in Eurasia and Africa. <i>Journal of Anatomy</i> , 2008, 212, 377-393.	0.9	68
99	The role of vicariance vs. dispersal in shaping genetic patterns in ocellated lizard species in the western Mediterranean. <i>Molecular Ecology</i> , 2008, 17, 1535-1551.	2.0	75
100	Biogeography and evolution of European cave salamanders, <i>Hydromantes</i> (Urodela: Plethodontidae), inferred from mtDNA sequences. <i>Journal of Biogeography</i> , 2008, 35, 724-738.	1.4	43
101	Genetic differentiation and secondary contact zone in the seagrass <i>Cymodocea nodosa</i> across the Mediterranean–Atlantic transition region. <i>Journal of Biogeography</i> , 2008, 35, 1279-1294.	1.4	105
102	An integrated Assessment of a group with complex systematics: the Iberomaghrebian lizard genus <i>Podarcis</i> (Squamata, Lacertidae). <i>Integrative Zoology</i> , 2008, 3, 247-266.	1.3	44
103	New paleomagnetic data from Oligocene–upper Miocene sediments in the Rif chain (northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 Research, 2008, 113, .	3.3	26
104	Mediterranean Island Landscapes. <i>Landscape Series</i> , 2008, , .	0.1	41
105	Strait of Gibraltar: an effective gene–flow barrier for wind–pollinated <i>Carex helodes</i> (Cyperaceae) as revealed by DNA sequences, AFLP, and cytogenetic variation. <i>American Journal of Botany</i> , 2008, 95, 745-755.	0.8	45
106	The Strait of Gibraltar as a melting pot for plant biodiversity. <i>Quaternary Science Reviews</i> , 2008, 27, 2100-2117.	1.4	155
107	Late Messinian lago-mare ostracod palaeoecology: A correspondence analysis approach. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2008, 264, 288-295.	1.0	33
108	Mediterranean Tertiary lamproites derived from multiple source components in postcollisional geodynamics. <i>Geochimica Et Cosmochimica Acta</i> , 2008, 72, 2125-2156.	1.6	230

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109	Phylogenetic Analysis Informed by Geological History Supports Multiple, Sequential Invasions of the Mediterranean Basin by the Angiosperm Family Araceae. <i>Systematic Biology</i> , 2008, 57, 269-285.	2.7	135
110	Biogeography and evolution of the Smooth snake <i>Coronella austriaca</i> (Serpentes: Colubridae) in the Iberian Peninsula: evidence for Messinian refuges and Pleistocenic range expansions. <i>Amphibia - Reptilia</i> , 2008, 29, 35-47.	0.1	24
111	Comparative phylogeography of northwest African <i>Natrix maura</i> (Serpentes: Colubridae) inferred from mtDNA sequences. <i>African Zoology</i> , 2008, 43, 1-7.	0.2	29
112	Comparative phylogeography of northwest African <i>Natrix maura</i> (Serpentes: Colubridae) inferred from mtDNA sequences. <i>African Zoology</i> , 2008, 43, 1-7.	0.2	16
113	Plant speciation in continental island floras as exemplified by <i>Nigella</i> in the Aegean Archipelago. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 3083-3096.	1.8	108
115	Invasive character of the brine shrimp <i>Artemia franciscana</i> Kellogg 1906 (Branchiopoda: Anostraca) and its potential impact on Australian inland hypersaline waters. <i>Marine and Freshwater Research</i> , 2008, 59, 587.	0.7	26
116	Recent advances in the biogeochemistry of nitrogen in the ocean. <i>Biogeosciences</i> , 2008, 5, 1033-1041.	1.3	15
117	Speciation and biogeographical history of the <i>Campanula lusitanica</i> complex (Campanulaceae) in the Western Mediterranean region. <i>Taxon</i> , 2008, 57, 1252.	0.4	19
118	GALEACYSTA ETRUSCA COMPLEX: DINOFLAGELLATE CYST MARKER OF PARATETHYAN INFLUXES TO THE MEDITERRANEAN SEA BEFORE AND AFTER THE PEAK OF THE MESSINIAN SALINITY CRISIS. <i>Palynology</i> , 2009, 33, 105-134.	0.7	30
119	Use of NCPA to understanding genetic sub-structuring of <i>Podarcis lilfordi</i> from the Balearic archipelago. <i>Amphibia - Reptilia</i> , 2009, 30, 505-514.	0.1	3
120	Biogeographical patterns derived from remote sensing variables: the amphibians and reptiles of the Iberian Peninsula. <i>Amphibia - Reptilia</i> , 2009, 30, 185-206.	0.1	67
121	Phylogeny and biogeography of <i>Coenonympha</i> butterflies (Nymphalidae: Satyrinae) – patterns of colonization in the Holarctic. <i>Systematic Entomology</i> , 2009, 34, 315-323.	1.7	48
122	Molecular Data Helps Traditional Taxonomy: Re-evaluation of <i>Reseda collina</i> (Resedaceae), and a New Record for Europe. <i>Folia Geobotanica</i> , 2009, 44, 399-421.	0.4	10
123	Long-distance colonization of the Western Mediterranean by <i>Cistus ladanifer</i> (Cistaceae) despite the absence of special dispersal mechanisms. <i>Journal of Biogeography</i> , 2009, 36, 954-968.	1.4	86
124	Historical biogeography of the endemic Campanulaceae of Crete. <i>Journal of Biogeography</i> , 2009, 36, 1253-1269.	1.4	66
125	Origin of Mediterranean insular endemics in the Boraginales: integrative evidence from molecular dating and ancestral area reconstruction. <i>Journal of Biogeography</i> , 2009, 36, 1282-1296.	1.4	91
126	High levels of population subdivision in a morphologically conserved Mediterranean toad ( <i>Alytes</i> ) nuclear genealogies. <i>Molecular Ecology</i> , 2009, 18, 5143-5160.	2.0	51
127	Catastrophic flood of the Mediterranean after the Messinian salinity crisis. <i>Nature</i> , 2009, 462, 778-781.	13.7	380



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128	The Straits of Gibraltar: barrier or bridge to Ibero-Moroccan bat diversity?. <i>Biological Journal of the Linnean Society</i> , 2009, 96, 434-450.	0.7	93
129	Molecular systematics and biogeography of the western Mediterranean stonefly genus <i>Tyrrhenoleuctra</i> (Insecta, Plecoptera). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2009, 47, 328-336.	0.6	31
130	Using community and population approaches to understand how contemporary and historical factors have shaped species distribution in river ecosystems. <i>Global Ecology and Biogeography</i> , 2009, 18, 202-213.	2.7	27
131	Foundations for conservation of intraspecific genetic diversity revealed by analysis of phylogeographical structure in the endangered endemic lizard <i>Podarcis lilfordi</i> . <i>Diversity and Distributions</i> , 2009, 15, 207-221.	1.9	31
132	AFLP and breeding system studies indicate vicariance origin for scattered populations and enigmatic low fecundity in the Moroccan endemic <i>Hypochoeris angustifolia</i> (Asteraceae), sister taxon to all of the South American <i>Hypochoeris</i> species. <i>Molecular Phylogenetics and Evolution</i> , 2009, 53, 13-22.	1.2	7
133	A numerical study of the climate response to lowered Mediterranean Sea level during the Messinian Salinity Crisis. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 279, 41-59.	1.0	40
134	The pre-Messinian deep-sea Neogene echinoid fauna of the Mediterranean: Surface productivity controls and biogeographical relationships. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 281, 115-125.	1.0	5
135	Heat flow anomalies in the Gulf of Cadiz and off Cape San Vicente, Portugal. <i>Marine and Petroleum Geology</i> , 2009, 26, 795-804.	1.5	34
136	Evidence of Cenozoic environmental and ecological change from stable isotope analysis of sirenian remains from the Tethys-Mediterranean region. <i>Geology</i> , 2009, 37, 307-310.	2.0	31
137	Flow of Canary mantle plume material through a subcontinental lithospheric corridor beneath Africa to the Mediterranean. <i>Geology</i> , 2009, 37, 283-286.	2.0	123
138	Differentiating geology and tectonics using a spatial autocorrelation technique for the hypsometric integral. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	92
139	A major element, PGE and Re-Os isotope study of Middle Atlas (Morocco) peridotite xenoliths: Evidence for coupled introduction of metasomatic sulphides and clinopyroxene. <i>Lithos</i> , 2010, 115, 15-26.	0.6	49
140	Eustatic and tectonic controls on Quaternary Ras Leona marine terraces (Strait of Gibraltar). <i>Tectonophysics</i> , 2010, 50, 262-270.	1.0	20
141	Formation of secondary carbonates and native sulphur in sulphate-rich Messinian strata, Sicily. <i>Sedimentary Geology</i> , 2010, 227, 37-50.	1.0	57
142	The Le Danois Contourite Depositional System: Interactions between the Mediterranean Outflow Water and the upper Cantabrian slope (North Iberian margin). <i>Marine Geology</i> , 2010, 274, 1-20.	0.9	82
143	Temporal speciation pattern in the western Mediterranean genus <i>Tudorella</i> P. Fischer, 1885 (Gastropoda, Pomatiidae) supports the Tyrrhenian vicariance hypothesis. <i>Molecular Phylogenetics and Evolution</i> , 2010, 54, 427-436.	1.2	48
144	Mitochondrial phylogeography of the Bedriaga's rock lizard, <i>Archaeolacerta bedriagae</i> (Reptilia). <i>Tectonophysics</i> , 2010, 50, 262-270.	1.2	32
145	Lamproites as indicators of accretion and/or shallow subduction in the assembly of south-western Anatolia, Turkey. <i>Terra Nova</i> , 2010, 22, 443-452.	0.9	55

#	ARTICLE	IF	CITATIONS
146	The east-west-north colonization history of the Mediterranean and Europe by the coastal plant <i>Carex extensa</i> (Cyperaceae). <i>Molecular Ecology</i> , 2010, 19, 352-370.	2.0	54
147	The Strait of Gibraltar as a major biogeographic barrier in Mediterranean conifers: a comparative phylogeographic survey. <i>Molecular Ecology</i> , 2010, 19, 5452-5468.	2.0	63
148	Historical biogeography of Tyrrhenian land snails: The Marmorana–Tyrrheniberus radiation (Pulmonata, Helicidae). <i>Molecular Phylogenetics and Evolution</i> , 2010, 55, 26-37.	1.2	21
149	Phylogeny and genetic structure of <i>Erophaca</i> (Leguminosae), a East–West Mediterranean disjunct genus from the Tertiary. <i>Molecular Phylogenetics and Evolution</i> , 2010, 56, 441-450.	1.2	32
150	Evolution of ancient Lake Ohrid: a tectonic perspective. <i>Biogeosciences</i> , 2010, 7, 3377-3386.	1.3	41
151	Melt Migration and Intrusion during Exhumation of the Alboran Lithosphere: the Tallante Mantle Xenolith Record (Betic Cordillera, SE Spain). <i>Journal of Petrology</i> , 2010, 51, 295-325.	1.1	41
152	Sensitivity of Mediterranean thermohaline circulation to gateway depth: A model investigation. <i>Paleoceanography</i> , 2010, 25, .	3.0	22
153	Magmatism in the southeastern Anatolian orogenic belt: transition from arc to post-collisional setting in an evolving orogen. <i>Geological Society Special Publication</i> , 2010, 340, 437-460.	0.8	44
154	Tracing the metasomatic and magmatic evolution of continental mantle roots with Sr, Nd, Hf and and Pb isotopes: A case study of Middle Atlas (Morocco) peridotite xenoliths. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 1417-1435.	1.6	41
155	Cenozoic vegetation, climate changes and hominid evolution in tropical Africa. <i>Global and Planetary Change</i> , 2010, 72, 390-411.	1.6	233
156	Subduction-triggered magmatic pulses: A new class of plumes?. <i>Earth and Planetary Science Letters</i> , 2010, 299, 54-68.	1.8	211
157	On the late Miocene closure of the Mediterranean–Atlantic gateway through the Guadix basin (southern Spain). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 291, 167-179.	1.0	65
158	The Messinian marine molluscs record and the dawn of the eastern Atlantic biogeography. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 1-11.	1.0	20
159	Dung beetle assemblages organization in two contrasted areas of the Mediterranean region: affinities and divergences. <i>Annales De La Societe Entomologique De France</i> , 2011, 47, 402-417.	0.4	8
160	Mediterranean Peninsulas: The Evolution of Hotspots. , 2011, , 123-147.		167
161	Post-Messinian drainage changes triggered by tectonic and climatic events (eastern Southern Alps.) <i>TJ ETQq1 1 0.784314 rgBT /Overl</i>	1.0	12
162	First record of a Vestimentifera (Polychaeta: Siboglinidae) from chemosynthetic habitats in the western Mediterranean Sea–Biogeographical implications and future exploration. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011, 58, 200-207.	0.6	22
163	Molecular phylogeny and systematics of the highly polymorphic <i>Rumex bucephalophorus</i> complex (Polygonaceae). <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 659-670.	1.2	11

#	ARTICLE	IF	CITATIONS
164	Messinian salinity crisis regulated by competing tectonics and erosion at the Gibraltar arc. <i>Nature</i> , 2011, 480, 359-363.	13.7	216
165	The disjointed distribution of <i>Anacamptis longicornu</i> in the West-Mediterranean: The role of vicariance versus long-distance seed dispersal. <i>Taxon</i> , 2011, 60, 1041-1049.	0.4	8
166	Genome composition and origin of the polyploid Aegean grass <i>Avenula agropyroides</i> (Poaceae). <i>Journal of Biogeography</i> , 2011, 38, 727-741.	1.4	5
167	The central Mediterranean as a phytodiversity hotchpotch: phylogeographical patterns of the <i>Anthemis secundiramea</i> group (Compositae, Anthemideae) across the Sicilian Channel. <i>Journal of Biogeography</i> , 2011, 38, 1109-1124.	1.4	21
168	Phylogeography of the Atlanto-Mediterranean sea cucumber <i>Holothuria (Holothuria) mammata</i> : the combined effects of historical processes and current oceanographical pattern. <i>Molecular Ecology</i> , 2011, 20, 1964-1975.	2.0	69
169	Incorporating evolutionary processes into conservation planning using species distribution data: a case study with the western Mediterranean herpetofauna. <i>Diversity and Distributions</i> , 2011, 17, 408-421.	1.9	47
170	When cryptic diversity blurs the picture: a cautionary tale from Iberian and North African <i>Podarcis</i> wall lizards. <i>Biological Journal of the Linnean Society</i> , 2011, 103, 779-800.	0.7	92
171	Geodynamic control on orogenic and anorogenic magmatic phases in Sardinia and Southern Spain: Inferences for the Cenozoic evolution of the western Mediterranean. <i>Lithos</i> , 2011, 123, 218-224.	0.6	37
172	The Central-Western Mediterranean: Anomalous igneous activity in an anomalous collisional tectonic setting. <i>Earth-Science Reviews</i> , 2011, 104, 1-40.	4.0	226
173	Characterising modal metasomatic processes in young continental lithospheric mantle: a microsampling isotopic and trace element study on xenoliths from the Middle Atlas Mountains, Morocco. <i>Contributions To Mineralogy and Petrology</i> , 2011, 162, 289-302.	1.2	18
174	Gypsum whiskers in Messinian evaporites identified by $\mu$ -XRD2. <i>Facies</i> , 2011, 57, 249-253.	0.7	3
175	Ichnofacies and microbial build-ups on Late Miocene rocky shores from Menorca (Balearic Islands), Spain. <i>Facies</i> , 2011, 57, 255-265.	0.7	20
176	Pliocene-Quaternary contourites along the northern Gulf of Cadiz margin: sedimentary stacking pattern and regional distribution. <i>Geo-Marine Letters</i> , 2011, 31, 377-390.	0.5	46
177	Along-slope oceanographic processes and sedimentary products around the Iberian margin. <i>Geo-Marine Letters</i> , 2011, 31, 315-341.	0.5	106
178	A case study of the internal structures of gossans and weathering processes in the Iberian Pyrite Belt using magnetic fabrics and paleomagnetic dating. <i>Mineralium Deposita</i> , 2011, 46, 981-999.	1.7	46
179	Cold-water coral mounds on the Pen Duick Escarpment, Gulf of Cadiz: The MiCROSYSTEMS project approach. <i>Marine Geology</i> , 2011, 282, 102-117.	0.9	48
180	The Ethiopia Afar Geoscientific Lithospheric Experiment (EAGLE): Probing the transition from continental rifting to incipient seafloor spreading. , 2011, , .		34
181	Orbitally forced paleoenvironmental and paleoclimate changes in the late postevaporitic Messinian of the central Mediterranean Basin. <i>Bulletin of the Geological Society of America</i> , 2012, 124, 499-516.	1.6	35

#	ARTICLE	IF	CITATIONS
182	Discovery of an earliest Pliocene relic tropical fish fauna in a newly detected cliff section (Sabratabah) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	0.2	11
183	High-Frequency Cyclicity In the Mediterranean Messinian Evaporites: Evidence For Solar-Lunar Climate Forcing. <i>Journal of Sedimentary Research</i> , 2012, 82, 991-1005.	0.8	62
184	Halophilic microorganisms from man-made and natural hypersaline environments: Physiology, ecology, and biotechnological potential. , 2012, , 173-197.		4
185	Paleoclimate Variability in the Mediterranean Region. , 2012, , 1-86.		21
186	Genetic Diversity of <i>Pinus nigra</i> Arn. Populations in Southern Spain and Northern Morocco Revealed By Inter-Simple Sequence Repeat Profiles. <i>International Journal of Molecular Sciences</i> , 2012, 13, 5645-5658.	1.8	48
187	Does genetic population structure of <i>Ambrosina bassii</i> L. (Araceae, Ambrosineae) attest a post-Messinian land-bridge between Sicily and Africa?. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2012, 207, 646-653.	0.6	15
188	Morphology matches mtDNA lineages in the southern smooth snake ( <i>Coronella girondica</i> ) from Iberia. <i>Zoology</i> , 2012, 115, 398-404.	0.6	3
189	Avian Influenza and Animal Health Risk: Conservation of Endemic Threatened Wild Birds in Sardinia Island. <i>Avian Diseases</i> , 2012, 56, 1034-1039.	0.4	4
190	Allopolyploid origin of highly invasive <i>Centaurea stoebe</i> s.l. (Asteraceae). <i>Molecular Phylogenetics and Evolution</i> , 2012, 62, 612-623.	1.2	44
191	Anaerobic oxidation of methane in hypersaline Messinian environments revealed by C-depleted molecular fossils. <i>Chemical Geology</i> , 2012, 292-293, 140-148.	1.4	29
192	Geomorphic evidence of active tectonics in the Sierra Alhamilla (eastern Betics, SE Spain). <i>Geomorphology</i> , 2012, 145-146, 90-106.	1.1	94
193	Extreme genetic diversity in the lizard <i>Atlantolacerta andreanskyi</i> (Werner, 1929): A montane cryptic species complex. <i>BMC Evolutionary Biology</i> , 2012, 12, 167.	3.2	33
194	Comparative phylogeography and demographic history of European shads ( <i>Alosa alosa</i> and <i>A. fallax</i> ) inferred from mitochondrial DNA. <i>BMC Evolutionary Biology</i> , 2012, 12, 194.	3.2	27
195	Rapid diversification of <i>Tragopogon</i> and ecological associates in Eurasia. <i>Journal of Evolutionary Biology</i> , 2012, 25, 2470-2480.	0.8	43
196	Integrative study of a new cold-seep mussel (Mollusca: Bivalvia) associated with chemosynthetic symbionts in the Marmara Sea. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2012, 67, 121-132.	0.6	23
197	The Gibraltar subduction: A decade of new geophysical data. <i>Tectonophysics</i> , 2012, 574-575, 72-91.	0.9	109
198	Habitat Variation in Vernal Pool Ecosystems on Both Sides of the Strait of Gibraltar. <i>Journal of Coastal Research</i> , 2012, 28, 1032.	0.1	7
200	Deep evolutionary lineages in a Western Mediterranean snake ( <i>Vipera latastei/monticola</i> group) and high genetic structuring in Southern Iberian populations. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 965-973.	1.2	39

#	ARTICLE	IF	CITATIONS
201	Toward a Global Phylogeny of the "Living Fossil" Crustacean Order of the Notostraca. PLoS ONE, 2012, 7, e34998.	1.1	45
202	Contrasting Biogeographic and Diversification Patterns in Two Mediterranean-Type Ecosystems. PLoS ONE, 2012, 7, e39377.	1.1	56
203	A review of the geckos of the genus Hemidactylus (Squamata: Gekkonidae) from Oman based on morphology, mitochondrial and nuclear data, with descriptions of eight new species. Zootaxa, 2012, 3378, 1.	0.2	97
204	Patterns of Diversity of the Rissoidae (Mollusca: Gastropoda) in the Atlantic and the Mediterranean Region. Scientific World Journal, The, 2012, 2012, 1-30.	0.8	25
205	Patterns of genetic variability and habitat occupancy in <i>Crepis triasii</i> (Asteraceae) at different spatial scales: insights on evolutionary processes leading to diversification in continental islands. Annals of Botany, 2012, 109, 429-441.	1.4	19
206	The smaller vesicomid bivalves in the genus <i>Isorropodon</i> (Bivalvia, Vesicomidae, Pliocardiinae) also harbour chemoautotrophic symbionts. Symbiosis, 2012, 56, 129-137.	1.2	17
207	Lessons from a complex biogeographical scenario: morphological characters match mitochondrial lineages within Iberian <i>Coronella austriaca</i> (Reptilia: Colubridae). Biological Journal of the Linnean Society, 2012, 106, 210-223.	0.7	9
208	The Atlantic-Mediterranean watershed, river basins and glacial history shape the genetic structure of Iberian poplars. Molecular Ecology, 2012, 21, 3593-3609.	2.0	21
209	Complex phylogeography in the Southern Smooth Snake ( <i>Coronella girondica</i> ) supported by mtDNA sequences. Journal of Zoological Systematics and Evolutionary Research, 2012, 50, 210-219.	0.6	24
210	Evolutionary history of the genus <i>Tarentola</i> (Gekkota: Phyllodactylidae) from the Mediterranean Basin, estimated using multilocus sequence data. BMC Evolutionary Biology, 2012, 12, 14.	3.2	35
211	Glacioeustatic control on the origin and cessation of the Messinian salinity crisis. Global and Planetary Change, 2013, 111, 1-8.	1.6	44
212	Late Cenozoic micromammal biochronology of northwestern Africa. Palaeogeography, Palaeoclimatology, Palaeoecology, 2013, 392, 359-381.	1.0	40
213	Dietary divergence in space and time " Lessons from the dwarf-goat <i>Myotragus balearicus</i> (Pleistocene, Mallorca, Spain). Mammalian Biology, 2013, 78, 430-437.	0.8	15
214	Intense salt deformation in the Levant Basin in the middle of the Messinian Salinity Crisis. Earth and Planetary Science Letters, 2013, 379, 108-119.	1.8	66
215	Late Miocene fishes from the Eurasian/Afro-Arabian contact zone in Eastern Anatolia, Turkey. Journal of Vertebrate Paleontology, 2013, 33, 1292-1299.	0.4	1
216	Multilocus genetic diversity and historical biogeography of the endemic wall lizard from <i>Ibiza</i> and <i>Formentera</i> , <i>Pseudis ptyuensis</i> ( <i>Squamata: Lacertidae</i> ). Molecular Ecology, 2013, 22, 4829-4841.	2.0	23
217	Phylogeography of <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae): A Multigene Molecular Approach Reveals a Further Complex Evolutionary History in the Maghreb. African Zoology, 2013, 48, 298-308.	0.2	1
218	Mountain front migration and drainage captures related to fault segment linkage and growth: The Polopos transpressive fault zone (southeastern Betics, SE Spain). Journal of Structural Geology, 2013, 46, 76-91.	1.0	19

#	ARTICLE	IF	CITATIONS
219	Backarc basin inversion and subcontinental mantle emplacement in the crust: kilometre-scale folding and shearing at the base of the proto-AlborÃn lithospheric mantle (Betic Cordillera, southern Spain). <i>Journal of the Geological Society</i> , 2013, 170, 47-55.	0.9	51
220	In and out of Africa: how did the Strait of Gibraltar affect plant species migration and local diversification?. <i>Journal of Biogeography</i> , 2013, 40, 24-36.	1.4	47
221	Indications for a dietary change in the extinct Bovid genus <i>Myotragus</i> (Plio-Holocene, Mallorca). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6</i>	0.7	36
222	Easternmost Mediterranean evidence of the Zanclean flooding event and subsequent surface uplift: Adana Basin, southern Turkey. <i>Geological Society Special Publication</i> , 2013, 372, 473-494.	0.8	34
223	Cryptic speciation and genetic structure of widely distributed brittle stars (Ophiuroidea) in Europe. <i>Zoologica Scripta</i> , 2013, 42, 151-169.	0.7	43
224	Reconstructing the evolution and biogeographic history of tribe Cardueae (Compositae). <i>American Journal of Botany</i> , 2013, 100, 867-882.	0.8	137
225	Kinematic constraints on buckling a lithospheric-scale orocline along the northern margin of Gondwana: A geologic synthesis. <i>Tectonophysics</i> , 2013, 582, 25-49.	0.9	127
226	From ductile to brittle, late- to post-orogenic evolution of the Betic Cordillera: Structural insights from the northeastern Internal zones. <i>Bulletin - Societie Geologique De France</i> , 2013, 184, 405-425.	0.9	22
227	Genetic and phenotypic diversity patterns in <i>Merodon albifrons</i> (Diptera). <i>Tj ETQq0 0 0 rgBT /Overlock 1</i> <i>Linnean Society</i> , 2013, 110, 257-280.	0.7	24
228	Refining the Mediterranean "Messinian gap" with high-precision U-Pb zircon geochronology, central and northern Italy. <i>Geology</i> , 2013, 41, 323-326.	2.0	80
229	Contrasting evolutionary hypotheses between two mediterranean climate floristic hotspots: the Cape of southern Africa and the Mediterranean Basin. <i>Journal of Biogeography</i> , 2013, 40, 2032-2046.	1.4	36
230	Phylogeography of <i>Buthus</i> Leach, 1815 (Scorpiones: Buthidae): a multigene molecular approach reveals a further complex evolutionary history in the Maghreb. <i>African Zoology</i> , 2013, 48, 298-308.	0.2	2
231	Disentangling environmental correlates of vascular plant biodiversity in a Mediterranean hotspot. <i>Ecology and Evolution</i> , 2013, 3, 3879-3894.	0.8	33
232	Paleoclimate reconstruction during the Messinian evaporative drawdown of the Mediterranean Basin: Insights from microthermometry on halite fluid inclusions. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 5054-5077.	1.0	13
233	An overview of chemosynthetic symbioses in bivalves from the North Atlantic and Mediterranean Sea. <i>Biogeosciences</i> , 2013, 10, 3241-3267.	1.3	69
234	Morphological and Genetic Diversity of the Wood-Boring Xylophaga (Mollusca, Bivalvia): New Species and Records from Deep-Sea Iberian Canyons. <i>PLoS ONE</i> , 2014, 9, e102887.	1.1	30
235	Modelling global-scale climate impacts of the late Miocene Messinian Salinity Crisis. <i>Climate of the Past</i> , 2014, 10, 607-622.	1.3	36
236	Geochronology, Geochemistry and Geodynamics of the Cabo de Gata volcanic zone, Southeastern Spain. <i>Italian Journal of Geosciences</i> , 2014, 133, 341-361.	0.4	16

#	ARTICLE	IF	CITATIONS
237	Physics and Chemistry of Deep Continental Crust Recycling. , 2014, , 423-456.		50
238	Geodynamic Framework of Saline Systems in Eastern Tunisia: Saline Depressions Inherited from the Triassic Intrusions and/or the Messinian Salinity Crisis. <i>ISRN Geology</i> , 2014, 2014, 1-13.	0.2	4
239	Chapter 11 The Iberian Mediterranean shelves. <i>Geological Society Memoir</i> , 2014, 41, 147-170.	0.9	12
240	Palaeoartic biogeography revisited: evidence for the existence of a North African refugium for Western Palaeoartic biota. <i>Journal of Biogeography</i> , 2014, 41, 81-94.	1.4	134
241	Patterns of phylogeography and vicariance of <i>Chamaerops humilis</i> L. (Palmae). <i>Turkish Journal of Botany</i> , 2014, 38, 1132-1146.	0.5	26
242	Late Miocene to present-day exhumation and uplift of the Internal Zone of the Rif chain: Insights from low temperature thermochronometry and basin analysis. <i>Journal of Geodynamics</i> , 2014, 77, 39-55.	0.7	21
243	Late Miocene to early Pliocene climate variability off NW Africa (ODP Site 659). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 401, 81-95.	1.0	24
244	Late Miocene sedimentary architecture of the Ebro Continental Margin (Western Mediterranean): implications to the Messinian Salinity Crisis. <i>International Journal of Earth Sciences</i> , 2014, 103, 423-440.	0.9	12
245	Hybridization at an ecotone: ecological and genetic barriers between three Iberian vipers. <i>Molecular Ecology</i> , 2014, 23, 1108-1123.	2.0	49
246	Cryptic habitats and cryptic diversity: unexpected patterns of connectivity and phylogeographical breaks in a Mediterranean endemic marine cave mysid. <i>Molecular Ecology</i> , 2014, 23, 2825-2843.	2.0	23
247	Insight into the latest Messinian (5.7–5.2Ma) palaeoclimatic events from two deep-sea Atlantic Ocean ODP Sites. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 407, 14-24.	1.0	2
248	Lateral migration of a foundering high-density root: Insights from numerical modeling applied to the southern Sierra Nevada. <i>Lithos</i> , 2014, 189, 77-88.	0.6	5
249	Dense shelf water cascading and Messinian Canyons: A new scenario for the Mediterranean salinity crisis. <i>Numerische Mathematik</i> , 2014, 314, 751-784.	0.7	74
250	Origin and consequences of western Mediterranean subduction, rollback, and slab segmentation. <i>Tectonics</i> , 2014, 33, 393-419.	1.3	258
251	Coastal structure, sea-level changes and vertical motion of the land in the Mediterranean. <i>Geological Society Special Publication</i> , 2014, 388, 453-479.	0.8	69
252	Heterogeneous extension and the role of transfer faults in the development of the southeastern Betic basins (SE Spain). <i>Tectonics</i> , 2014, 33, 2467-2489.	1.3	27
253	Understanding the formation of Mediterranean–African–Asian disjunctions: evidence for Miocene climate-driven vicariance and recent long-distance dispersal in the Tertiary relict <i>Smilax aspera</i> (Smilacaceae). <i>New Phytologist</i> , 2014, 204, 243-255.	3.5	47
254	The Fishes of the Mediterranean: A Biota Under Siege. , 2014, , 385-400.		6

#	ARTICLE	IF	CITATIONS
255	Nuclear and mitochondrial multilocus phylogeny and survey of alkaloid content in true salamanders of the genus <i>Salamandra</i> (Salamandridae). <i>Molecular Phylogenetics and Evolution</i> , 2014, 73, 208-216.	1.2	49
256	The Messinian Salinity Crisis: Past and future of a great challenge for marine sciences. <i>Marine Geology</i> , 2014, 352, 25-58.	0.9	436
257	Slab rupture and delamination under the Betics and Rif constrained from receiver functions. <i>Tectonophysics</i> , 2015, 663, 225-237.	0.9	90
258	Seismicity and active tectonics in the Alboran Sea, Western Mediterranean: Constraints from an offshore-onshore seismological network and swath bathymetry data. <i>Journal of Geophysical Research: Solid Earth</i> , 2015, 120, 8348-8365.	1.4	36
259	Compressional tectonic inversion of the Algero-Balearic basin: Latest Miocene to present oblique convergence at the Palomares margin (Western Mediterranean). <i>Tectonics</i> , 2015, 34, 1516-1543.	1.3	37
260	Cryptic diversity of Italian bats and the role of the Apennine refugium in the phylogeography of the western Palaearctic. <i>Zoological Journal of the Linnean Society</i> , 2015, 174, 635-648.	1.0	33
261	A Combination of Divergence and Conservatism in the Niche Evolution of the Moorish Gecko, <i>Tarentola mauritanica</i> (Gekkota: Phyllodactylidae). <i>PLoS ONE</i> , 2015, 10, e0127980.	1.1	37
262	Changes in Mediterranean circulation and water characteristics due to restriction of the Atlantic connection: a high-resolution ocean model. <i>Climate of the Past</i> , 2015, 11, 233-251.	1.3	12
263	Structural record of Lower Miocene westward motion of the Alboran Domain in the Western Betics, Spain. <i>Tectonophysics</i> , 2015, 657, 1-20.	0.9	19
264	Stratigraphic evolution of the Neoproterozoic Callison Lake Formation: Linking the break-up of Rodinia to the Islay carbon isotope excursion. <i>Numerische Mathematik</i> , 2015, 315, 881-944.	0.7	43
266	Spatial patterns of macrophyte composition and landscape along the rocky shores of the Mediterranean-Atlantic transition region (northern Alboran Sea). <i>Estuarine, Coastal and Shelf Science</i> , 2015, 155, 17-28.	0.9	19
267	Abrupt tectonics and rapid slab detachment with grain damage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1287-1291.	3.3	48
268	Crustal structure of the Betic-Rif system, western Mediterranean, from local earthquake tomography. <i>Tectonophysics</i> , 2015, 643, 94-105.	0.9	24
269	The building of a biodiversity hotspot across a land-bridge in the Mediterranean. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151116.	1.2	25
270	Crustal structure and gravity anomalies beneath the Rif, northern Morocco: implications for the current tectonics of the Alboran region. <i>Geophysical Journal International</i> , 2015, 202, 640-652.	1.0	23
271	Computational fluid dynamics simulations of the Zanclean catastrophic flood of the Mediterranean (5.33Ma). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 424, 49-60.	1.0	11
272	Evolutionary history of fumitories (subfamily Fumarioideae, Papaveraceae): An old story shaped by the main geological and climatic events in the Northern Hemisphere. <i>Molecular Phylogenetics and Evolution</i> , 2015, 88, 75-92.	1.2	27
273	Subduction and volcanism in the Iberia-North Africa collision zone from tomographic images of the upper mantle. <i>Tectonophysics</i> , 2015, 663, 238-249.	0.9	50



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274	Continental faunal exchange and the asymmetrical radiation of carnivores. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151952.	1.2	29
275	Evolution of the Late Miocene Mediterranean—Atlantic gateways and their impact on regional and global environmental change. <i>Earth-Science Reviews</i> , 2015, 150, 365-392.	4.0	171
276	Short wavelength lateral variability of lithospheric mantle beneath the Middle Atlas (Morocco) as recorded by mantle xenoliths. <i>Tectonophysics</i> , 2015, 650, 34-52.	0.9	18
277	Evolutionary and Biogeographic Insights on the Macaronesian Beta-Patellifolia Species ( <i>Amaranthaceae</i> ) from a Time-Scaled Molecular Phylogeny. <i>PLoS ONE</i> , 2016, 11, e0152456.	1.1	35
278	Diversification histories for North American and Eurasian carnivorans. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 26-38.	0.7	14
279	Changes in dip and frictional properties of the basal detachment controlling orogenic wedge propagation and frontal collapse: The external central Betics case. <i>Tectonics</i> , 2016, 35, 3028-3049.	1.3	23
280	Flow in the western Mediterranean shallow mantle: Insights from xenoliths in Pliocene alkali basalts from SE Iberia (eastern Betics, Spain). <i>Tectonics</i> , 2016, 35, 2657-2676.	1.3	10
281	Coincidence or not? Interconnected gas/fluid migration and ocean—atmosphere oscillations in the Levant Basin. <i>Geo-Marine Letters</i> , 2016, 36, 293-306.	0.5	14
282	Phylogeographic patterns of <i>Merodon</i> hoverflies in the Eastern Mediterranean region: revealing connections and barriers. <i>Ecology and Evolution</i> , 2016, 6, 2226-2245.	0.8	30
283	Resolving taxonomic uncertainty in vulnerable elasmobranchs: are the Madeira skate ( <i>Raja</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 565-576.	0.8	17
284	Evaluating the phylogenetic signal limit from mitogenomes, slow evolving nuclear genes, and the concatenation approach. New insights into the Lacertini radiation using fast evolving nuclear genes and species trees. <i>Molecular Phylogenetics and Evolution</i> , 2016, 100, 254-267.	1.2	48
285	Evidence of early bottom water current flow after the Messinian Salinity Crisis in the Gulf of Cadiz. <i>Marine Geology</i> , 2016, 380, 315-329.	0.9	20
286	Mediterranean Biomes: Evolution of Their Vegetation, Floras, and Climate. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2016, 47, 383-407.	3.8	184
287	New molecular data favour an anthropogenic introduction of the wood mouse ( <i>Apodemus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 1-12.	0.6	15
288	The late Miocene Mediterranean-Atlantic connections through the North Rifian Corridor: New insights from the Boudinar and Arbaa Taourirt basins (northeastern Rif, Morocco). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 459, 131-152.	1.0	54
289	Pleistocene diversification in Morocco and recent demographic expansion in the Mediterranean pond turtle <i>Mauremys leprosa</i> . <i>Biological Journal of the Linnean Society</i> , 2016, 119, 943-959.	0.7	32
290	Low genetic diversity and recent demographic expansion in the red starfish <i>Echinaster sepositus</i> (Retzius 1816). <i>Scientific Reports</i> , 2016, 6, 33269.	1.6	22
291	Oceanographic processes and morphosedimentary products along the Iberian margins: A new multidisciplinary approach. <i>Marine Geology</i> , 2016, 378, 127-156.	0.9	60

#	ARTICLE	IF	CITATIONS
292	Mantle earthquakes beneath the South Iberia continental margin and Gulf of Cadiz – constraints from an onshore-offshore seismological network. <i>Journal of Geodynamics</i> , 2016, 99, 39-50.	0.7	21
293	Sedimentary provenance of the Taza-Guercif Basin, South Rifian Corridor, Morocco: Implications for basin emergence. , 2016, 12, 221-236.		10
294	The Miocene–Pliocene boundary and the Messinian Salinity Crisis in the easternmost Mediterranean: Insights from the Hatay Graben (Southern Turkey). <i>Sedimentary Geology</i> , 2016, 332, 51-67.	1.0	6
295	Geomorphology and Neogene tectonic evolution of the Palomares continental margin (Western Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	20
296	Eastward colonization of the Mediterranean Basin by two geographically structured clades: The case of <i>Odontites Ludw.</i> (Orobanchaceae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 96, 140-149.	1.2	14
297	Phylogeography of the European sturgeon ( <i>Acipenser sturio</i> ): A critically endangered species. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 346-357.	1.2	18
298	Evolution of the gulf of Cadiz margin and southwest Portugal contourite depositional system: Tectonic, sedimentary and paleoceanographic implications from IODP expedition 339. <i>Marine Geology</i> , 2016, 377, 7-39.	0.9	89
299	Molecular evidence supports recent anthropogenic introduction of the Algerian hedgehog <i>Atelerix algirus</i> in Spain, Balearic and Canary islands from North Africa. <i>Mammalia</i> , 2016, 80, .	0.3	7
300	Climatic and topographical correlates of plant palaeo- and neoendemism in a Mediterranean biodiversity hotspot. <i>Annals of Botany</i> , 2017, 119, 229-238.	1.4	56
301	The colonization history of the Mediterranean dwarf palm ( <i>Chamaerops humilis</i> L., <i>Palmae</i> ). <i>Tree Genetics and Genomes</i> , 2017, 13, 1.	0.6	27
302	Seismic characterization of switching platform geometries and dominant carbonate producers (Miocene, Las Negras, Spain). <i>Sedimentology</i> , 2017, 64, 1676-1707.	1.6	13
304	Benthic foraminifera-based reconstruction of the first Mediterranean-Atlantic exchange in the early Pliocene Gulf of Cadiz. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 472, 93-107.	1.0	17
305	Sandy contourite drift in the late Miocene Rifian Corridor (Morocco): Reconstruction of depositional environments in a foreland-basin seaway. <i>Sedimentary Geology</i> , 2017, 355, 31-57.	1.0	60
306	Mitogenomic phylogeny of cone snails endemic to Senegal. <i>Molecular Phylogenetics and Evolution</i> , 2017, 112, 79-87.	1.2	15
307	Northwest Africa as a source and refuge area of plant biodiversity: a case study on <i>Campanula kremeri</i> and <i>Campanula occidentalis</i> . <i>Journal of Biogeography</i> , 2017, 44, 2057-2068.	1.4	17
308	Messinian salinity crisis record under strong freshwater input in marginal, intermediate, and deep environments: The case of the North Aegean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 485, 316-335.	1.0	29
309	The Near East as a cradle of biodiversity: A phylogeography of banded newts (genus <i>Ommatotriton</i> ) reveals extensive inter- and intraspecific genetic differentiation. <i>Molecular Phylogenetics and Evolution</i> , 2017, 114, 73-81.	1.2	37
310	The spatial, temporal and volumetric analysis of a large mud volcano province within the Eastern Mediterranean. <i>Marine and Petroleum Geology</i> , 2017, 81, 1-16.	1.5	28

#	ARTICLE	IF	CITATIONS
311	Biogeographical crossroad across the Pillars of Hercules: Evolutionary history of <i>Psammodromus</i> lizards in space and time. <i>Journal of Biogeography</i> , 2017, 44, 2877-2890.	1.4	17
312	Magmatic pulse driven by sea-level changes associated with the Messinian salinity crisis. <i>Nature Geoscience</i> , 2017, 10, 783-787.	5.4	46
313	Depositional canyon heads at the edge of narrow and tectonically steepened continental shelves: Comparing geomorphic elements, processes and facies in modern and outcrop examples. <i>Marine and Petroleum Geology</i> , 2017, 87, 157-170.	1.5	19
314	Re-evaluation of the "elevated epifauna" as indicator of Mediterranean Outflow Water in the Gulf of Cadiz using stable isotopes ( $\delta^{13}C$ , $\delta^{18}O$ ). <i>Global and Planetary Change</i> , 2017, 155, 78-97.	1.6	7
315	Petrogenesis of Cretaceous shoshonitic rocks in the northern Wuyi Mountains, South China: A result of the roll-back of a flat-slab?. <i>Lithos</i> , 2017, 288-289, 125-142.	0.6	14
316	Global biogeography, cryptic species and systematic issues in the shrimp genus <i>Hippolyte</i> Leach, 1814 (Decapoda: Caridea: Hippolytidae) by multimarker analyses. <i>Scientific Reports</i> , 2017, 7, 6697.	1.6	16
317	Integrative phylogeographical and ecological analysis reveals multiple Pleistocene refugia for Mediterranean <i>Daboia</i> vipers in north-west Africa. <i>Biological Journal of the Linnean Society</i> , 2017, 122, 366-384.	0.7	37
318	Different diversity-dependent declines in speciation rate unbalances species richness in terrestrial slugs. <i>Scientific Reports</i> , 2017, 7, 16198.	1.6	6
319	The Mediterranean Overflow in the Gulf of Cadiz: A rugged journey. <i>Science Advances</i> , 2017, 3, eaa0609.	4.7	66
320	Evolutionary history of <i>Podarcis tiliguerta</i> on Corsica and Sardinia. <i>BMC Evolutionary Biology</i> , 2017, 17, 27.	3.2	6
321	Recircumscription of <i>Delphinium</i> subg. <i>Delphinium</i> (Ranunculaceae) and implications for its biogeography. <i>Taxon</i> , 2017, 66, 554-566.	0.4	15
322	Rafting spiders or drifting islands? Origins and diversification of the endemic trapdoor spiders from the Balearic Islands, Western Mediterranean. <i>Journal of Biogeography</i> , 2017, 44, 924-936.	1.4	18
323	Spatial patterns of the Iberian and Balearic endemic vascular flora. <i>Biodiversity and Conservation</i> , 2017, 26, 479-508.	1.2	41
324	Thick-skinned tectonics closing the Rifian Corridor. <i>Tectonophysics</i> , 2017, 710-711, 249-265.	0.9	45
325	Different historical backgrounds determine contrasting phylogeographical patterns in two co-distributed <i>Erica</i> species (Ericaceae) across the Strait of Gibraltar. <i>Botanical Journal of the Linnean Society</i> , 2017, 185, 359-375.	0.8	8
326	Systematics and phylogeography of the Mediterranean <i>Helichrysum pendulum</i> complex (Compositae) inferred from nuclear and chloroplast DNA and morphometric analyses. <i>Taxon</i> , 2017, 66, 909-933.	0.4	10
327	Using floristics, modern systematics and phylogenetics for disentangling biodiversity hotspots across scales: a Mediterranean case study. <i>Plant Biosystems</i> , 2018, 152, 1293-1310.	0.8	6
328	Palaeogeographic evolution of the late Miocene Rifian Corridor (Morocco): Reconstructions from surface and subsurface data. <i>Earth-Science Reviews</i> , 2018, 180, 37-59.	4.0	52

#	ARTICLE	IF	CITATIONS
329	A Review on the Phylogeography of Potentially Chemoautotrophic Bacteria from Major Vent and Seep Fauna and Their Contribution to Primary Production. <i>Geomicrobiology Journal</i> , 2018, 35, 612-634.	1.0	10
330	The late Messinian event: A worldwide tectonic revolution. <i>Terra Nova</i> , 2018, 30, 207-214.	0.9	15
331	An integrative approach to the nomenclature and taxonomic status of the genus <i>Blanus</i> Wagler, 1830 (Squamata: Blanidae) from the Iberian Peninsula. <i>Journal of Natural History</i> , 2018, 52, 849-880.	0.2	11
332	Refining the biogeographical scenario of the land snail <i>Cornu aspersum aspersum</i> : Natural spatial expansion and human-mediated dispersal in the Mediterranean basin. <i>Molecular Phylogenetics and Evolution</i> , 2018, 120, 218-232.	1.2	23
333	Diversification in continental island archipelagos: new evidence on the roles of fragmentation, colonization and gene flow on the genetic divergence of Aegean <i>Nigella</i> (Ranunculaceae). <i>Annals of Botany</i> , 2018, 121, 241-254.	1.4	18
334	Sr isotope zoning in plagioclase from andesites at Cabo De Gata, Spain: Evidence for shallow and deep contamination. <i>Lithos</i> , 2018, 308-309, 159-167.	0.6	15
335	Subduction Orogeny and the Late Cenozoic Evolution of the Mediterranean Arcs. <i>Annual Review of Earth and Planetary Sciences</i> , 2018, 46, 261-289.	4.6	60
336	Tethyan changes shaped aquatic diversification. <i>Biological Reviews</i> , 2018, 93, 874-896.	4.7	84
337	Sequence stratigraphy on an early wet Mars. <i>Planetary and Space Science</i> , 2018, 151, 97-108.	0.9	11
339	Molecular phylogeny of the Palaearctic butterfly genus <i>Pseudophilotes</i> (Lepidoptera: Lycaenidae) with focus on the Sardinian endemic <i>P. barbaggiae</i> . <i>BMC Zoology</i> , 2018, 3, .	0.3	9
340	Reinterpretation of an endangered taxon based on integrative taxonomy: The case of <i>Cynara baetica</i> (Compositae). <i>PLoS ONE</i> , 2018, 13, e0207094.	1.1	7
341	Deposition in a changing paleogulf: evidence from the Pliocene-Quaternary sedimentary succession of the Nile Delta, Egypt. <i>Arabian Journal of Geosciences</i> , 2018, 11, 1.	0.6	11
342	Tracking the Serpentinite Feet of the Mediterranean Salt Giant. <i>Geosciences (Switzerland)</i> , 2018, 8, 352.	1.0	5
343	The Alboran volcanic-arc modulated the Messinian faunal exchange and salinity crisis. <i>Scientific Reports</i> , 2018, 8, 13015.	1.6	54
344	Natatanuran frogs used the Indian Plate to step-stone disperse and radiate across the Indian Ocean. <i>National Science Review</i> , 2018, 6, 10-14.	4.6	34
345	Tectonic and sedimentary conditions necessary for the deposition of the Messinian evaporite successions in the eastern Mediterranean: A simple 2D model. <i>Marine and Petroleum Geology</i> , 2018, 96, 51-70.	1.5	8
346	Late Miocene Extensional Collapse of Northern Tunisia. <i>Tectonics</i> , 2018, 37, 1626-1647.	1.3	36
347	Hydrodynamics in Evaporate-Bearing Fine-Grained Successions Investigated through an Interdisciplinary Approach: A Test Study in Southern Italy-Hydrogeological Behaviour of Heterogeneous Low-Permeability Media. <i>Geofluids</i> , 2018, 2018, 1-15.	0.3	8

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348	Molecular phylogeny and historical biogeography of genera <i>Eristicophis</i> and <i>Pseudocerastes</i> (Ophidia, Viperidae). <i>Zoologica Scripta</i> , 2018, 47, 673-685.	0.7	8
349	Phylogeny, systematics and biogeography of the European sand gobies (Gobiiformes: Gobionellidae). <i>Zoological Journal of the Linnean Society</i> , 2019, 185, 212-225.	1.0	18
350	Lithosphere tearing along STEP faults and synkinematic formation of lherzolite and wehrlite in the shallow subcontinental mantle. <i>Solid Earth</i> , 2019, 10, 1099-1121.	1.2	16
351	Alpine Orogeny: Deformation and Structure in the Southern Iberian Margin (Betics s.l.). <i>Regional Geology Reviews</i> , 2019, , 453-486.	1.2	8
352	The role of island physiography in maintaining genetic diversity in the endemic Tyrrhenian wall lizard ( <i>Podarcis tiliguerta</i> ). <i>Journal of Zoology</i> , 2019, 309, 140-151.	0.8	3
353	The role of isostatic adjustment and gravitational effects on the dynamics of the Messinian salinity crisis. <i>Earth and Planetary Science Letters</i> , 2019, 525, 115760.	1.8	5
354	Earthquake crisis unveils the growth of an incipient continental fault system. <i>Nature Communications</i> , 2019, 10, 3482.	5.8	24
355	Biomarker records and mineral compositions of the Messinian halite and Mg salts from Sicily. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	1.1	3
356	Review of the late Quaternary stratigraphy of the northern Gulf of Cadiz continental margin: New insights into controlling factors and global implications. <i>Earth-Science Reviews</i> , 2019, 198, 102944.	4.0	20
357	Evolution of reproductive traits and selfing syndrome in the sub-endemic Mediterranean genus <i>Centaureum Hill</i> (Gentianaceae). <i>Botanical Journal of the Linnean Society</i> , 2019, 191, 216-235.	0.8	9
358	The Geology of Iberia: A Geodynamic Approach. <i>Regional Geology Reviews</i> , 2019, , .	1.2	8
359	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , 2019, , 61-103.	1.2	10
360	Both vicariance and dispersal have shaped the genetic structure of Eastern Mediterranean <i>Euphorbia myrsinites</i> (Euphorbiaceae). <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2019, 39, 125459.	1.1	19
361	Miocene climate change as a driving force for multiple origins of annual species in <i>Astragalus</i> (Fabaceae, Papilionoideae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 137, 210-221.	1.2	48
362	A pre-Miocene Irano-Turanian cradle: Origin and diversification of the species-rich monocot genus <i>Gagea</i> (Liliaceae). <i>Ecology and Evolution</i> , 2019, 9, 5870-5890.	0.8	15
363	Mediterranean isolation preconditioning the Earth System for late Miocene climate cooling. <i>Scientific Reports</i> , 2019, 9, 3795.	1.6	35
365	How did terricolous fungi originate in the Mediterranean region? A case study with a gypsicolous lichenized species. <i>Journal of Biogeography</i> , 2019, 46, 515-525.	1.4	13
366	Whole Plastome Sequencing Within <i>Silene</i> Section <i>Psammophilae</i> Reveals Mainland Hybridization and Divergence With the Balearic Island Populations. <i>Frontiers in Plant Science</i> , 2019, 10, 1466.	1.7	9

#	ARTICLE	IF	CITATIONS
367	Paleoenvironmental change in a precession-paced succession across the onset of the Messinian salinity crisis: Insight from element geochemistry and molecular fossils. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019, 518, 45-61.	1.0	23
368	Allopatric diversification and evolutionary melting pot in a North African Palearctic relict: The biogeographic history of <i>Salamandra atra</i> . <i>Molecular Phylogenetics and Evolution</i> , 2019, 130, 81-91.	1.2	25
369	Structure and exhumation of the Cap des Trois Fourches basement rocks (Eastern Rif, Morocco). <i>Journal of African Earth Sciences</i> , 2019, 150, 657-672.	0.9	15
370	Late Miocene evaporite geochemistry of Lorca and Fortuna basins (Eastern Betics, SE Spain): Evidence of restriction and continentalization. <i>Basin Research</i> , 2020, 32, 916-948.	1.3	10
371	Mantle resistance against Gibraltar slab dragging as a key cause of the Messinian Salinity Crisis. <i>Terra Nova</i> , 2020, 32, 141-150.	0.9	20
372	The Zanclean megaflood of the Mediterranean – Searching for independent evidence. <i>Earth-Science Reviews</i> , 2020, 201, 103061.	4.0	34
373	Comment on “How to build an extensional basin in a contractional setting? Numerical and physical modelling applied to the Mejerda basin at the front of the eastern tell of Tunisia” by Mannoubi Khelil et al.. <i>Journal of Structural Geology</i> , 2020, 138, 103935.	1.0	2
374	Hydrogeological Behaviour and Geochemical Features of Waters in Evaporite-Bearing Low-Permeability Successions: A Case Study in Southern Sicily, Italy. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8177.	1.3	4
375	The sines contourite depositional system along the SW Portuguese margin: Onset, evolution and conceptual implications. <i>Marine Geology</i> , 2020, 430, 106357.	0.9	7
376	Mediterranean Outflow Water dynamics across the middle Pleistocene transition based on a 1.3 million-year benthic foraminiferal record off the Portuguese margin. <i>Quaternary Science Reviews</i> , 2020, 247, 106567.	1.4	5
377	Geodynamic Modeling of Edge-Delamination Driven by Subduction-Transform Edge Propagator Faults: The Westernmost Mediterranean Margin (Central Betic Orogen) Case Study. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	12
378	Late Quaternary multi-genetic processes and products on the northern Gulf of Cadiz upper continental slope (SW Iberian Peninsula). <i>Marine Geology</i> , 2020, 427, 106214.	0.9	11
379	Relative landscape maturity in the South Rifian Ridges (NW Morocco): Inferences from DEM-based surface indices analysis. <i>Applied Computing and Geosciences</i> , 2020, 6, 100027.	1.0	4
380	Climate-driven vicariance and long-distance dispersal explain the Rand Flora pattern in the liverwort <i>Exormotheca pustulosa</i> (Marchantiophyta). <i>Biological Journal of the Linnean Society</i> , 2020, 130, 480-496.	0.7	2
381	Ages and stratigraphical architecture of late Miocene deposits in the Lorca Basin (Betics, SE Spain): New insights for the salinity crisis in marginal basins. <i>Sedimentary Geology</i> , 2020, 405, 105700.	1.0	5
382	Molecular characterization of <i>Acomys louisiae</i> from Somaliland: a deep divergence and contrasting genetic patterns in a rift zone. <i>Mammalian Biology</i> , 2020, 100, 385-398.	0.8	4
383	Islands as a crossroad of evolutionary lineages: A case study of <i>Centaurea</i> sect. <i>Centaurea</i> (Compositae) from Sardinia (Mediterranean Basin). <i>PLoS ONE</i> , 2020, 15, e0228776.	1.1	6
384	Climatic refugia boosted allopatric diversification in Western Mediterranean vipers. <i>Journal of Biogeography</i> , 2020, 47, 1698-1713.	1.4	37

#	ARTICLE	IF	CITATIONS
385	Overriding Plate Velocity Control on Surface Topography in 2D Models of Subduction Zones. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008900.	1.0	15
386	Dynamics of the Gibraltar Arc System: A Complex Interaction Between Plate Convergence, Slab Pull, and Mantle Flow. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018873.	1.4	15
387	<i>Limonium mucronatum</i> : plant communities and cytogenetic characterization of an endemic of the Moroccan Atlantic Coast. <i>Plant Biosystems</i> , 2021, 155, 241-250.	0.8	1
388	Intraplate Volcanism. , 2021, , 52-59.		0
389	New approaches to species delimitation and population structure of anthozoans: Two case studies of octocorals using ultraconserved elements and exons. <i>Molecular Ecology Resources</i> , 2021, 21, 78-92.	2.2	34
390	The evolution of the westernmost Mediterranean basins. <i>Earth-Science Reviews</i> , 2021, 214, 103445.	4.0	18
391	Phylogeny and phylogeography of <i>Arenaria</i> section <i>Pseudomoehringia</i> . <i>Journal of Systematics and Evolution</i> , 2021, 59, 298-315.	1.6	0
392	Geo-Climatic Changes and Apomixis as Major Drivers of Diversification in the Mediterranean Sea Lavenders ( <i>Limonium</i> Mill.). <i>Frontiers in Plant Science</i> , 2020, 11, 612258.	1.7	11
393	A Geological History for the Alboran Sea Region. , 2021, , 111-155.		5
394	Phylogenetic Placement and Phylogeography of Large-Flowered Lotus Species (Leguminosae) Formerly Classified in <i>Dorycnium</i> : Evidence of Pre-Pleistocene Differentiation of Western and Eastern Intraspecific Groups. <i>Plants</i> , 2021, 10, 260.	1.6	3
395	Spatial patterns of genus-level phylogenetic endemism in the tree flora of Mediterranean Europe. <i>Diversity and Distributions</i> , 2021, 27, 913-928.	1.9	14
396	Hidden species diversity of <i>Corrosella</i> Boeters, 1970 (Caenogastropoda: Truncatelloidea) in the Moroccan Atlas reveals the ancient biogeographic link between North Africa and Iberia. <i>Organisms Diversity and Evolution</i> , 2021, 21, 393-420.	0.7	5
397	Ploidy Expands the Range of <i>Centaureum</i> (Gentianaceae). <i>Frontiers in Plant Science</i> , 2021, 12, 650551.	1.7	9
398	The roles of possible geographic barriers and geological events on the phylogeographic structure of the Eastern broad toothed field mouse ( <i>Apodemus mystacinus</i> ). <i>Mammalia</i> , 2021, 85, 401-411.	0.3	1
399	The topography of the Iberian Peninsula from integrated geophysical-petrological multi-data inversion. <i>Physics of the Earth and Planetary Interiors</i> , 2021, 314, 106691.	0.7	6
401	Application of anisotropy of magnetic susceptibility (AMS) fabrics to determine the kinematics of active tectonics: examples from the Betic Cordillera, Spain, and the Northern Apennines, Italy. <i>Solid Earth</i> , 2021, 12, 1125-1142.	1.2	0
403	Sr isotopes in the Tortonian-Messinian Lake Bira and Geshar marshes, Northern Valleys of Israel: Implications for hydroclimate changes in East Mediterranean-Levant margins. <i>Bulletin of the Geological Society of America</i> , 2022, 134, 762-775.	1.6	1
404	Genetic hypervariability of a Northeastern Atlantic venomous rockfish. <i>PeerJ</i> , 2021, 9, e11730.	0.9	3

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405	Magnetostratigraphy of a drilling core from the Baiyanghe alluvial fan at the western margin of the Junggar Basin, NW China and its paleoenvironmental significance. <i>Quaternary International</i> , 2021, 589, 1-11.	0.7	2
406	Fossil-calibrated time tree of <i>Podarcis</i> wall lizards provides limited support for biogeographic calibration models. <i>Molecular Phylogenetics and Evolution</i> , 2021, 161, 107169.	1.2	15
407	Cenozoic mountain building and topographic evolution in Western Europe: impact of billions of years of lithosphere evolution and plate kinematics. <i>Bulletin - Societe Geologique De France</i> , 2021, 192, 56.	0.9	21
408	Late Miocene contourite depositional system of the Gulf of Cádiz: The sedimentary signature of the paleo-Mediterranean Outflow Water. <i>Marine Geology</i> , 2021, 442, 106605.	0.9	7
409	The Strait of Gibraltar is an ineffective palaeogeographic barrier for some flightless darkling beetles (Coleoptera: Tenebrionidae: <i>Pimelia</i> ). <i>Zoological Journal of the Linnean Society</i> , 2022, 195, 1147-1180.	1.0	4
410	The Tertiary–Quaternary Environmental History of the Mediterranean Basin: The Background to Mediterranean Island Environments. <i>Landscape Series</i> , 2008, , 15-35.	0.1	5
411	Halophilic Microorganisms from Man-Made and Natural Hypersaline Environments: Physiology, Ecology, and Biotechnological Potential. , 2017, , 201-226.		7
412	Calcareous nannofossil and foraminiferal trace element records in the Sorbas Basin: A new piece of the Messinian Salinity Crisis onset puzzle. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 554, 109796.	1.0	14
415	Microfossil and strontium isotope chronology used to identify the controls of Miocene reefs and related facies in NW Cyprus. <i>Journal of the Geological Society</i> , 2021, 178, .	0.9	2
416	Genetic and morphological differentiation of Mosor rock lizards, <i>Dinarolacerta mosorensis</i> (Kolombatovič, 1886), with the description of a new species from the Prokletije Mountain Massif (Montenegro) (Squamata: Lacertidae). <i>Zootaxa</i> , 2007, 1613, .	0.2	18
418	Role of the Mediterranean Sea in differentiating European and North African woodland bird assemblages. <i>Community Ecology</i> , 2015, 16, 106-114.	0.5	10
419	Geochronology and geochemistry characteristics of the late Mid-Jurassic (ca. 163Ma) OIB-type diabase and high-Mg diorites in Shiquanhe ophiolite: Products of early stage oceanic crust subduction?. <i>Acta Petrologica Sinica</i> , 2019, 35, 816-832.	0.3	10
420	Deep magmatic processes and shallow responses during the lithospheric thinning of North China Craton: Taking Tanling intrusive complex as an example. <i>Acta Petrologica Sinica</i> , 2019, 35, 2873-2892.	0.3	4
422	Expedition 339 summary. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , 0, , .	1.0	19
423	Site U1387. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , 0, , .	1.0	6
424	&lt;i>Microcnemum coralloides&lt;/i> (Chenopodiaceae- Salicornioideae): an example of intraspecific East-West disjunctions in the Mediterranean region. <i>Anales Del Jardin Botanico De Madrid</i> , 2008, 65, .	0.2	20
425	Le prélude au Quaternaire : les modalités d'entrée en glaciation (65ÂMa à 2,2ÂMa). <i>Quaternaire</i> , 2007, , 111-128.	0.1	2
427	Paleodepth variations on the Eratosthenes Seamount (Eastern Mediterranean): sea-level changes or subsidence?. <i>EEarth Discussions</i> , 2007, 2, 115-132.	0.3	21



#	ARTICLE	IF	CITATIONS
428	Biogeography of Flowering Plants: A Case Study in Mignonettes (Resedaceae) and Sedges (Carex,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		
429	Twenty Years of Molecular Biogeography in the West Mediterranean Islands of Corsica and Sardinia: Lessons Learnt and Future Prospects. , 0, , .		17
430	Asymmetrical dispersal and putative isolation-by-distance of an intertidal blenniid across the Atlanticâ€“Mediterranean divide. PeerJ, 2017, 5, e3195.	0.9	5
431	Population Genomics of Wall Lizards Reflects the Dynamic History of the Mediterranean Basin. Molecular Biology and Evolution, 2022, 39, .	3.5	10
432	Integrative taxonomy reveals two species and intraspecific differentiation in the <i>Vipera latasteiâ€“monticola</i> complex. Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 2278-2306.	0.6	7
433	Asymmetric Delamination and Convective Removal Numerical Modeling: Comparison with Evolutionary Models for the Alboran Sea Region. , 2008, , 1683-1706.		0
434	Neogene-Quaternary tectonics and sedimentation in the Central Apennines. Bollettino Della SocietÃ Geologica Italiana, 2009, , 73-88.	2.0	5
437	Evaporation of marine basins: a review of evaporite formation and Messinian Salinity Crisis. Journal of the Geological Society of Japan, 2014, 120, 181-200.	0.2	1
438	LagerstÃtten durch Sedimentation und Verwitterung. , 2014, , 229-276.		0
441	Late Tortonianâ€“Middle Messinian Palaeoenvironmental Changes in the Western Betic Strait (SW) Tj ETQq1 1 0.784314 rgBT /Overlock 0,3 1		
442	Ripple Tectonicsâ€“When Subduction Is Interrupted. Positioning, 2020, 11, 33-44.	0.1	0
443	The story of a rock-star: multilocus phylogeny and species delimitation in the starred or rough-tail rock agama, <i>Laudakia stellio</i> (Reptilia: Agamidae). Zoological Journal of the Linnean Society, 2022, 195, 195-219.	1.0	6
444	Deposits Formed by Sedimentation and Weathering. , 2020, , 231-281.		0
445	Two Cenozoic Extensional Phases in Mallorca and Their Bearing on the Geodynamic Evolution of the Western Mediterranean. Tectonics, 2021, 40, e2021TC006868.	1.3	12
446	Ripple Tectonicsâ€“When Subduction Is Interrupted. Positioning, 2020, 11, 33-44.	0.1	0
447	Cenozoic Tethyan changes dominated Eurasian animal evolution and diversity patterns. Zoological Research, 2022, 43, 3-13.	0.9	24
448	Biogeographic and demographic history of the Mediterranean snakes Malpolon monspessulanus and Hemorrhhois hippocrepsis across the Strait of Gibraltar. BMC Ecology and Evolution, 2021, 21, 210.	0.7	7
449	The major changes in Alboran Sea and its periphery since the Tortonian. Arabian Journal of Geosciences, 2021, 14, 1.	0.6	0

#	ARTICLE	IF	CITATIONS
450	Oyster shells, bulk carbonate sediment, and meteoric calcite cement as recorders of oceanic and radiogenic $^{87}\text{Sr}/^{86}\text{Sr}$ in mixed heterozoan carbonates and terrigenous sediment. <i>Journal of Sedimentary Research</i> , 2022, 92, 50-65.	0.8	1
451	Sedimentary dynamics and topographic controls on the tidal-dominated Zagra Strait, early Tortonian, Betic Cordillera, Spain. <i>Geological Society Special Publication</i> , 0, , SP523-2021-85.	0.8	4
452	Timeâ€ probabilistic approach to the late Miocene Messinian salinity crisis: Implications for a disconnected Paratethys. <i>Terra Nova</i> , 2022, 34, 395-406.	0.9	6
453	Backâ€ Arc Dynamics Controlled by Slab Rollback and Tearing: A Reappraisal of Seafloor Spreading and Kinematic Evolution of the Eastern Algeroâ€ Balearic Basin (Western Mediterranean) in the Middleâ€ Late Miocene. <i>Tectonics</i> , 2022, 41, .	1.3	8
454	Preservation of the Iberian Tethys paleomargin beneath the eastern Betic mountain range. <i>Gondwana Research</i> , 2022, 106, 237-246.	3.0	3
455	The roles of partial melting of metasomatised mantle, magma mixing at continental crust level and fractionation in calc-alkaline minette genesis, SE Spain. <i>International Geology Review</i> , 2024, 66, 463-503.	1.1	0
456	The opening and closure of oceanic seaways during the Cenozoic: pacemaker of global climate change?. <i>Geological Society Special Publication</i> , 2023, 523, 141-171.	0.8	9
457	Paleoenvironmental conditions preceding the Messinian salinity crisis in Lower Chelif basin based on benthic foraminifera (Northwestern Algeria); A case study of Djebel Meni section. <i>Journal of African Earth Sciences</i> , 2022, , 104539.	0.9	1
458	Late Miocene evolution of the eastern Deep Algarve basin: Interaction of bottom currents and gravitational processes in a foredeep setting. <i>Marine and Petroleum Geology</i> , 2022, 141, 105695.	1.5	3
459	Faecal Microbiota Divergence in Allopatric Populations of <i>Podarcis lilfordi</i> and <i>P. pityusensis</i> , Two Lizard Species Endemic to the Balearic Islands. <i>Microbial Ecology</i> , 2023, 85, 1564-1577.	1.4	9
460	Recurrent founder-event speciation across the Mediterranean likely shaped the species diversity and geographic distribution of the freshwater snail genus <i>Mercuria</i> Boeters, 1971 (Caenogastropoda). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>		
461	Structural control and tectono-sedimentary evolution of the Gulf of Cadiz, SW Iberia since the late Miocene: Implications for contourite depositional system. <i>Marine Geology</i> , 2022, 449, 106818.	0.9	2
462	Water mites of Corsica: DNA barcode and morphological evidences. <i>International Journal of Acarology</i> , 2022, 48, 418-428.	0.3	7
463	Structural style and deformation mechanism of Neogene series of the Guercif basin (NE-Morocco). <i>Journal of Iberian Geology</i> , 2022, 48, 281-296.	0.7	2
464	Crustal structures and salt tectonics on the margins of the western Algerian Basin (Mediterranean) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.5	6
465	Die Alpen und ihre Geschwister. , 2022, , 427-493.		0
466	The Role of Faults as Barriers in Confined Seismic Sequences: 2021 Seismicity in the Granada Basin (Betic Cordillera). <i>Tectonics</i> , 2022, 41, .	1.3	5
467	Late Cretaceous Transition From Calc-Alkaline to Alkaline Magmatism in the Eastern Anatolian Plateau: Implications for Microblock Collision Timing. <i>Journal of Petrology</i> , 2022, 63, .	1.1	3

#	ARTICLE	IF	CITATIONS
468	Timing and distribution of exhumation in the Ebro basin reveal a plate-scale 10ÂMa geodynamic event. <i>Global and Planetary Change</i> , 2022, 218, 103973.	1.6	3
469	The Alps and Their Siblings. , 2022, , 437-508.		0
470	Litthabitellidae: a new family of the Truncatelloidea (Mollusca: Caenogastropoda). <i>Journal of Natural History</i> , 2023, 57, 299-329.	0.2	1
471	Preâ€Subduction Architecture Controls Coherent Underplating During Subduction and Exhumation (Nevadoâ€FilÃ¡bride Complex, Southern Spain). <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	1.0	2
472	The Mediterranean Sea: A Laboratory to Characterize Micro-Continental Drift and Oceanic Basin Formation Processes. <i>Regional Geology Reviews</i> , 2023, , 3-30.	1.2	0
473	New constraints on the Messinian salinity crisis from the north-eastern Ibiza island event records. <i>Marine and Petroleum Geology</i> , 2023, , 106254.	1.5	0
474	Thermomechanical modelling of lithospheric slab tearing and its topographic response. <i>Frontiers in Earth Science</i> , 0, 11, .	0.8	3