

F Estrada

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

1,447
citations

21
h-index

37
g-index

61
ext. papers

1,597
ext. citations

4
avg, IF

3.88
L-index

#	Paper	IF	Citations
56	Catastrophic flood of the Mediterranean after the Messinian salinity crisis. <i>Nature</i> , 2009 , 462, 778-81	50.4	319
55	A two-step process for the reflooding of the Mediterranean after the Messinian Salinity Crisis. <i>Basin Research</i> , 2012 , 24, 125-153	3.2	112
54	The Gulf of Cadiz: an unstable giant contouritic levee. <i>Geo-Marine Letters</i> , 2003 , 23, 7-18	1.9	72
53	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. <i>Marine Geology</i> , 2016 , 378, 157-170	3.3	64
52	Relationship between continental rise development and palaeo-ice sheet dynamics, Northern Antarctic Peninsula Pacific margin. <i>Quaternary Science Reviews</i> , 2006 , 25, 933-944	3.9	51
51	Impact of pulsed Atlantic water inflow into the Alboran Basin at the time of the Zanclean flooding. <i>Geo-Marine Letters</i> , 2011 , 31, 361-376	1.9	49
50	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , 2008 , 247, 61-83	3.3	42
49	Imaging the recent sediment dynamics of the Galicia Bank region (Atlantic, NW Iberian Peninsula). <i>Marine Geophysical Researches</i> , 2011 , 32, 99-126	2.3	41
48	Cenozoic deformational structures on the Galicia Bank Region (NW Iberian continental margin). <i>Marine Geology</i> , 2008 , 249, 128-149	3.3	41
47	Pliocene-Quaternary tectonic-sedimentary evolution of the NE Alboran Sea (SW Mediterranean Sea). <i>Tectonophysics</i> , 1997 , 282, 423-442	3.1	40
46	Sediment drifts and deep-sea channel systems, Antarctic Peninsula Pacific Margin. <i>Geological Society Memoir</i> , 2002 , 22, 353-371	0.4	40
45	New insights on the Sorbas Basin (SE Spain): The onshore reference of the Messinian Salinity Crisis. <i>Marine and Petroleum Geology</i> , 2015 , 66, 71-100	4.7	39
44	Seismic evidence of current-controlled sedimentation in the Alboran Sea during the Pliocene and Quaternary: Palaeoceanographic implications. <i>Marine Geology</i> , 2016 , 378, 292-311	3.3	38
43	Massive accumulation of highly polluted sedimentary deposits by river damming. <i>Science of the Total Environment</i> , 2014 , 497-498, 369-381	10.2	35
42	High-resolution seismic stratigraphy of the Galicia Bank Region and neighbouring abyssal plains (NW Iberian continental margin). <i>Marine Geology</i> , 2008 , 249, 108-127	3.3	32
41	The Magdalena Turbidite System (Caribbean Sea): present-day morphology and architecture model. <i>Marine Geology</i> , 2002 , 185, 303-318	3.3	31
40	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , 2011 , 284, 158-174	3.3	30

39	Bathy-morphological setting of Terceira Island (Azores) after the FAIVI cruise. <i>Journal of Maps</i> , 2013 , 9, 590-595	2.2	27
38	Tectonic indentation in the central Alboran Sea (westernmost Mediterranean). <i>Terra Nova</i> , 2018 , 30, 24-33	3	26
37	Influence of alongslope processes on modern turbidite systems and canyons in the Alboran Sea (southwestern Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019 , 144, 1-16	2.5	24
36	Quantitative study of a Magdalena submarine channel (Caribbean Sea): implications for sedimentary dynamics. <i>Marine and Petroleum Geology</i> , 2005 , 22, 623-635	4.7	23
35	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , 2011 , 32, 245-256	2.3	20
34	The Ceuta Drift, Alboran Sea, southwestern Mediterranean. <i>Geological Society Memoir</i> , 2002 , 22, 155-170.	0.4	20
33	Origin, sedimentary processes and depositional evolution of the Agadir turbidite system, central eastern Atlantic. <i>Journal of the Geological Society</i> , 1998 , 155, 929-939	2.7	19
32	The Zanclean megaflood of the Mediterranean – Searching for independent evidence. <i>Earth-Science Reviews</i> , 2020 , 201, 103061	10.2	19
31	New high-resolution acoustic data from the braided system of the Orinoco deep-sea fan. <i>Marine Geology</i> , 1998 , 146, 243-250	3.3	18
30	Late Pleistocene and Holocene sedimentary facies on the SW Galicia Bank (Atlantic NW Iberian Peninsula). <i>Marine Geology</i> , 2008 , 249, 46-63	3.3	17
29	Imaging the Growth of Recent Faults: The Case of 2016–2017 Seismic Sequence Sea Bottom Deformation in the Alboran Sea (Western Mediterranean). <i>Tectonics</i> , 2018 , 37, 2513-2530	4.3	16
28	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western Mediterranean). <i>Solid Earth</i> , 2020 , 11, 741-765	3.3	15
27	Post-rift sedimentary evolution of the Gebra Debris Valley. A submarine slope failure system in the Central Bransfield Basin (Antarctica). <i>Marine Geology</i> , 2013 , 340, 16-29	3.3	15
26	The El Masnou infralittoral sedimentary environment (Barcelona province, NW Mediterranean Sea): morphology and Holocene seismic stratigraphy. <i>Scientia Marina</i> , 2010 , 74, 179-196	1.8	15
25	Polyphase Tectonic Evolution of Fore-Arc Basin Related to STEP Fault as Revealed by Seismic Reflection Data From the Alboran Sea (W-Mediterranean). <i>Tectonics</i> , 2020 , 39, e2019TC005885	4.3	12
24	Physical and Geotechnical Properties and Assessment of Sediment Stability on the Continental Slope and Basin of the Bransfield Basin (Antarctica Peninsula). <i>Marine Georesources and Geotechnology</i> , 2004 , 22, 253-278	2.2	12
23	Multiple factors controlling the deep marine sedimentation of the Alboran Sea (SW Mediterranean) after the Zanclean Atlantic Mega-flood. <i>Marine Geology</i> , 2020 , 423, 106138	3.3	12
22	Deep-sea litter in the Gulf of Cadiz (Northeastern Atlantic, Spain). <i>Marine Pollution Bulletin</i> , 2020 , 153, 110969	6.7	10

21	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean Sea). <i>Advances in Natural and Technological Hazards Research</i> , 2014 , 561-570	1.8	8
20	133,000 Years of Sedimentary Record in a Contourite Drift in the Western Alboran Sea: Sediment Sources and Paleocurrent Reconstruction. <i>Geosciences (Switzerland)</i> , 2019 , 9, 345	2.7	7
19	Crustal Architecture at the Collision Zone Between Rivera and North American Plates at the Jalisco Block: Tsujal Project. <i>Pure and Applied Geophysics</i> , 2016 , 173, 3553-3573	2.2	7
18	A Geological History for the Alboran Sea Region 2021 , 111-155		5
17	Cenozoic sedimentary history of the northern Argentine continental slope, off Bahia Blanca, the location of the Ewing Terrace: Palaeogeodynamic and palaeoceanographic implications. <i>Marine Geology</i> , 2019 , 417, 106028	3.3	3
16	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , 2019 , 61-103	2.5	3
15	An exploratory modelling study on sediment transport during the Zanclean flood of the Mediterranean. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	3
14	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. <i>Oceans</i> , 2021 , 2, 393-428	1.3	3
13	The Guadiaro-Baños contourite drifts (SW Mediterranean). A geotechnical approach to stability analysis. <i>Marine Geology</i> , 2021 , 437, 106505	3.3	3
12	Megafaunal assemblages in deep-sea ecosystems of the Gulf of Cadiz, northeast Atlantic ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2022 , 183, 103738	2.5	2
11	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western Mediterranean) 2019 ,		1
10	Very high-resolution seismic definition of glacial and postglacial sediment bodies in the continental shelves of the northern Trinity Peninsula region, Antarctica. <i>Annals of Glaciology</i> , 1998 , 27, 260-264	2.5	1
9	Internal structure and seismic facies of the deep-water sediment drifts off northern Graham Land, Antarctic Peninsula: results from a very high-resolution survey. <i>Annals of Glaciology</i> , 1998 , 27, 265-267	2.5	1
8	Dynamics of Sorted Bedforms on a Shallow Infralittoral Prograding Wedge Influenced by Dredging (El Masnou, NW Mediterranean) 2017 , 135-141		1
7	Deep Sea Sedimentation 2021 , 960-960		1
6	Seafloor Morphology and Processes in the Alboran Sea 2021 , 157-205		1
5	Tsunami generation potential of a strike-slip fault tip in the westernmost Mediterranean. <i>Scientific Reports</i> , 2021 , 11, 16253	4.9	1
4	Understanding the complex geomorphology of a deep sea area affected by continental tectonic indentation: The case of the Gulf of Vera (Western Mediterranean). <i>Geomorphology</i> , 2022 , 402, 108126	4.3	0

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| 3 | Morphosedimentary, Structural and Benthic Characterization of Carbonate Mound Fields on the Upper Continental Slope of the Northern Alboran Sea (Western Mediterranean). <i>Geosciences (Switzerland)</i> , 2022 , 12, 111 | 2.7 | ○ |
| 2 | Triggering Mechanisms of Tsunamis in the Gulf of Cadiz and the Alboran Sea: An Overview. <i>Natural Science in Archaeology</i> , 2022 , 65-104 | 0.4 | ○ |
| 1 | Oligocene to Recent Processes on the Agadir Continental Margin and Basin (Central Eastern Atlantic) 2003 , 283-287 | | |