

F Estrada

List of Publications by Year in descending order

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55
papers

1,771
citations

257357

24
h-index

276775

41
g-index

61
all docs

61
docs citations

61
times ranked

2041
citing authors

#	ARTICLE	IF	CITATIONS
1	Catastrophic flood of the Mediterranean after the Messinian salinity crisis. <i>Nature</i> , 2009, 462, 778-781.	13.7	380
2	A two-step process for the reflooding of the Mediterranean after the Messinian Salinity Crisis. <i>Basin Research</i> , 2012, 24, 125-153.	1.3	134
3	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. <i>Marine Geology</i> , 2016, 378, 157-170.	0.9	81
4	The Gulf of Cadiz: an unstable giant contouritic levee. <i>Geo-Marine Letters</i> , 2003, 23, 7-18.	0.5	77
5	Relationship between continental rise development and palaeo-ice sheet dynamics, Northern Antarctic Peninsula Pacific margin. <i>Quaternary Science Reviews</i> , 2006, 25, 933-944.	1.4	54
6	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.	0.5	54
7	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.	1.5	52
8	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , 2008, 247, 61-83.	0.9	50
9	Sediment drifts and deep-sea channel systems, Antarctic Peninsula Pacific Margin. <i>Geological Society Memoir</i> , 2002, 22, 353-371.	0.9	47
10	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.	0.9	47
11	Cenozoic deformational structures on the Galicia Bank Region (NW Iberian continental margin). <i>Marine Geology</i> , 2008, 249, 128-149.	0.9	46
12	Pliocene-Quaternary tectonic-sedimentary evolution of the NE Alboran Sea (SW Mediterranean Sea). <i>Tectonophysics</i> , 1997, 282, 423-442.	0.9	44
13	Imaging the recent sediment dynamics of the Galicia Bank region (Atlantic, NW Iberian Peninsula). <i>Marine Geophysical Researches</i> , 2011, 32, 99-126.	0.5	44
14	The Magdalena Turbidite System (Caribbean Sea): present-day morphology and architecture model. <i>Marine Geology</i> , 2002, 185, 303-318.	0.9	39
15	Massive accumulation of highly polluted sedimentary deposits by river damming. <i>Science of the Total Environment</i> , 2014, 497-498, 369-381.	3.9	39
16	High-resolution seismic stratigraphy of the Galicia Bank Region and neighbouring abyssal plains (NW)	0.9	36
17	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , 2011, 284, 158-174.	0.9	34
18	The Zanclean megaflood of the Mediterranean – Searching for independent evidence. <i>Earth-Science Reviews</i> , 2020, 201, 103061.	4.0	34

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19	Tectonic indentation in the central Alboran Sea (westernmost Mediterranean). <i>Terra Nova</i> , 2018, 30, 24-33.	0.9	32
20	Bathy-morphological setting of Terceira Island (Azores) after the FAIVI cruise. <i>Journal of Maps</i> , 2013, 9, 590-595.	1.0	29
21	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.	0.6	26
22	Quantitative study of a Magdalena submarine channel (Caribbean Sea): implications for sedimentary dynamics. <i>Marine and Petroleum Geology</i> , 2005, 22, 623-635.	1.5	25
23	New high-resolution acoustic data from the 'braided system' of the Orinoco deep-sea fan. <i>Marine Geology</i> , 1998, 146, 243-250.	0.9	24
24	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.	0.9	24
25	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , 2011, 32, 245-256.	0.5	24
26	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.	1.3	22
27	The Ceuta Drift, Alboran Sea, southwestern Mediterranean. <i>Geological Society Memoir</i> , 2002, 22, 155-170.	0.9	21
28	Late Pleistocene and Holocene sedimentary facies on the SW Galicia Bank (Atlantic NW Iberian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.9	18
29	Deep-sea litter in the Gulf of Cadiz (Northeastern Atlantic, Spain). <i>Marine Pollution Bulletin</i> , 2020, 153, 110969.	2.3	18
30	The El Masnou infralittoral sedimentary environment (Barcelona province, NW Mediterranean Sea): morphology and Holocene seismic stratigraphy. <i>Scientia Marina</i> , 2010, 74, 179-196.	0.3	18
31	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.	0.9	16
32	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.	0.8	16
33	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 38	1.2	16
34	Polyphase Tectonic Evolution of Fore-arc Basin Related to STEP Fault as Revealed by Seismic Reflection Data From the Alboran Sea (Western Mediterranean). <i>Tectonics</i> , 2020, 39, e2019TC005885.	1.3	16
35	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.	0.9	15
36	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.	1.2	14

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37	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. <i>Oceans</i> , 2021, 2, 393-428.	0.6	11
38	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , 2019, , 61-103.	1.2	10
39	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.	1.0	9
40	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean) Tj ETQq0 0 0 rgBT /Overl9 10 Tf 5	1.1	9
41	The Guadiaro-BaÃ±os contourite drifts (SW Mediterranean). A geotechnical approach to stability analysis. <i>Marine Geology</i> , 2021, 437, 106505.	0.9	8
42	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.	0.9	7
43	Tsunami generation potential of a strike-slip fault tip in the westernmost Mediterranean. <i>Scientific Reports</i> , 2021, 11, 16253.	1.6	7
44	An exploratory modelling study on sediment transport during the Zanclean flood of the Mediterranean. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	5
45	A Geological History for the Alboran Sea Region. , 2021, , 111-155.		5
46	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.	1.0	5
47	The Campo de Dalias GNSS Network Unveils the Interaction between Roll-Back and Indentation Tectonics in the Gibraltar Arc. <i>Sensors</i> , 2022, 22, 2128.	2.1	5
48	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.	0.6	5
49	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.	1.1	4
50	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.	2.8	3
51	Deep Sea Sedimentation. , 2022, , 960-988.		3
52	Seafloor Morphology and Processes in the Alboran Sea. , 2021, , 157-205.		3
53	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.	2.8	2
54	Dynamics of Sorted Bedforms on a Shallow Infralittoral Prograding Wedge Influenced by Dredging (El Masnou, NW Mediterranean). , 2017, , 135-141.		1

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55	Oligocene to Recent Processes on the Agadir Continental Margin and Basin (Central Eastern Atlantic). , 2003, , 283-287.		0