

EstefanÃ- a Llave

List of Publications by Year in descending order

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59
papers

3,396
citations

136950

32
h-index

149698

56
g-index

61
all docs

61
docs citations

61
times ranked

1845
citing authors

#	ARTICLE	IF	CITATIONS
1	Bedform-velocity matrix: The estimation of bottom current velocity from bedform observations. <i>Geology</i> , 2009, 37, 327-330.	4.4	231
2	Vast fields of hydrocarbon-derived carbonate chimneys related to the accretionary wedge/olistostrome of the Gulf of Cádiz. <i>Marine Geology</i> , 2003, 195, 177-200.	2.1	200
3	The contourite depositional system of the Gulf of Cádiz: 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.	1.4	198
4	High-resolution stratigraphy of the Mediterranean outflow contourite system in the Gulf of Cadiz during the late Pleistocene: The impact of Heinrich events. <i>Marine Geology</i> , 2006, 227, 241-262.	2.1	159
5	Looking for clues to paleoceanographic imprints: A diagnosis of the Gulf of Cadiz contourite depositional systems. <i>Geology</i> , 2003, 31, 19.	4.4	153
6	Onset of Mediterranean outflow into the North Atlantic. <i>Science</i> , 2014, 344, 1244-1250.	12.6	144
7	Contourite erosive features caused by the Mediterranean Outflow Water in the Gulf of Cadiz: Quaternary tectonic and oceanographic implications. <i>Marine Geology</i> , 2009, 257, 24-40.	2.1	137
8	Contourite processes associated with the Mediterranean Outflow Water after its exit from the Strait of Gibraltar: Global and conceptual implications. <i>Geology</i> , 2014, 42, 227-230.	4.4	116
9	Title is missing!. <i>Marine Geophysical Researches</i> , 2001, 22, 487-508.	1.2	113
10	Along-slope oceanographic processes and sedimentary products around the Iberian margin. <i>Geo-Marine Letters</i> , 2011, 31, 315-341.	1.1	106
11	The Cadiz Contourite Channel: Sandy contourites, bedforms and dynamic current interaction. <i>Marine Geology</i> , 2013, 343, 99-114.	2.1	104
12	A reference time scale for Site U1385 (Shackleton Site) on the SW Iberian Margin. <i>Global and Planetary Change</i> , 2015, 133, 49-64.	3.5	99
13	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.	2.1	89
14	Quaternary stratigraphic stacking patterns on the continental shelves of the southern Iberian Peninsula: their relationship with global climate and palaeoceanographic changes. <i>Quaternary International</i> , 2002, 92, 5-23.	1.5	86
15	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.	2.1	82
16	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. <i>Marine Geology</i> , 2016, 378, 157-170.	2.1	81
17	Chapter 19 Continental Slope Contourites. <i>Developments in Sedimentology</i> , 2008, 60, 379-408.	0.5	79
18	The Gulf of Cadiz: an unstable giant contouritic levee. <i>Geo-Marine Letters</i> , 2003, 23, 7-18.	1.1	77

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19	A Pliocene mixed contourite-turbidite system offshore the Algarve Margin, Gulf of Cadiz: Seismic response, margin evolution and reservoir implications. <i>Marine and Petroleum Geology</i> , 2013, 46, 36-50.	3.3	77
20	Digital image treatment applied to ichnological analysis of marine core sediments. <i>Facies</i> , 2014, 60, 39-44.	1.4	60
21	Oceanographic processes and morphosedimentary products along the Iberian margins: A new multidisciplinary approach. <i>Marine Geology</i> , 2016, 378, 127-156.	2.1	60
22	Quantitative estimation of bioturbation based on digital image analysis. <i>Marine Geology</i> , 2014, 349, 55-60.	2.1	59
23	Quaternary evolution of the contourite depositional system in the Gulf of Cadiz. <i>Geological Society Special Publication</i> , 2007, 276, 49-79.	1.3	56
24	Textural characteristics and facies of sand-rich contourite depositional systems. <i>Sedimentology</i> , 2018, 65, 2223-2252.	3.1	55
25	Contourites and bottom current reworked sands: Bed facies model and implications. <i>Marine Geology</i> , 2020, 428, 106267.	2.1	54
26	IODP Expedition 339 in the Gulf of Cadiz and off West Iberia: decoding the environmental significance of the Mediterranean outflow water and its global influence. <i>Scientific Drilling</i> , 0, 16, 1-11.	0.6	53
27	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.	2.1	47
28	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.	1.1	46
29	Reconstructions of the Mediterranean Outflow Water during the quaternary based on the study of changes in buried mounded drift stacking pattern in the Gulf of Cadiz. <i>Marine Geophysical Researches</i> , 2007, 28, 379-394.	1.2	43
30	The "Shackleton Site" (IODP Site U1385) on the Iberian Margin. <i>Scientific Drilling</i> , 0, 16, 13-19.	0.6	41
31	Contourite characterization and its discrimination from other deep-water deposits in the Gulf of Cadiz contourite depositional system. <i>Sedimentology</i> , 2021, 68, 987-1027.	3.1	37
32	Multibeam backscatter as a tool for sea-floor characterization and identification of oil spills in the Galicia Bank. <i>Marine Geology</i> , 2008, 249, 93-107.	2.1	36
33	Erosive sub-circular depressions on the Guadalquivir Bank (Gulf of Cadiz): Interaction between bottom current, mass-wasting and tectonic processes. <i>Marine Geology</i> , 2016, 378, 5-19.	2.1	36
34	Contourite facies model: Improving contourite characterization based on the ichnological analysis. <i>Sedimentary Geology</i> , 2019, 384, 60-69.	2.1	35
35	Diagnostic criteria using microfacies for calcareous contourites, turbidites and pelagites in the Eocene-Miocene slope succession, southern Cyprus. <i>Sedimentology</i> , 2021, 68, 557-592.	3.1	33
36	Climate changes in south western Iberia and Mediterranean Outflow variations during two contrasting cycles of the last 1Myrs: MIS 31-MIS 30 and MIS 12-MIS 11. <i>Global and Planetary Change</i> , 2016, 136, 18-29.	3.5	25

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37	Faro-Albufeira drift complex, northern Gulf of Cadiz. Geological Society Memoir, 2002, 22, 137-154.	1.7	24
38	Geological characterization of the Prestige sinking area. Marine Pollution Bulletin, 2006, 53, 208-219.	5.0	24
39	Deep-water Circulation: Processes & Products (16–18 June 2010, Baiona): introduction and future challenges. Geo-Marine Letters, 2011, 31, 285-300.	1.1	22
40	Recent sedimentary processes in the Prestige site area (Galicia Bank, NW Iberian Margin) evidenced by high-resolution marine geophysical methods. Marine Geology, 2008, 249, 21-45.	2.1	20
41	Review of the late Quaternary stratigraphy of the northern Gulf of Cadiz continental margin: New insights into controlling factors and global implications. Earth-Science Reviews, 2019, 198, 102944.	9.1	20
42	Geomorphology of the Iberian Continental Margin. Geomorphology, 2013, 196, 13-35.	2.6	19
43	Contourites along the Iberian continental margins: conceptual and economic implications. Geological Society Special Publication, 2020, 476, 403-436.	1.3	19
44	Contourite porosity, grain size and reservoir characteristics. Marine and Petroleum Geology, 2020, 117, 104392.	3.3	19
45	Key evidence for distal turbiditic- and bottom-current interactions from tubular turbidite infills. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 533, 109233.	2.3	18
46	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. Marine Geology, 2008, 249, 7-20.	2.1	14
47	The role of late Quaternary tectonic activity and sea-level changes on sedimentary processes interaction in the Gulf of Cadiz upper and middle continental slope (SW Iberia). Marine and Petroleum Geology, 2020, 121, 104595.	3.3	13
48	Sedimentary processes and cold-water coral mini-mounds at the Ferrol canyon head, NW Iberian margin. Progress in Oceanography, 2018, 169, 48-65.	3.2	11
49	Geomorphological and sedimentary processes of the glacially influenced northwestern Iberian continental margin and abyssal plains. Geomorphology, 2018, 312, 60-85.	2.6	11
50	Late Quaternary multi-genetic processes and products on the northern Gulf of Cadiz upper continental slope (SW Iberian Peninsula). Marine Geology, 2020, 427, 106214.	2.1	11
51	Latest Miocene restriction of the Mediterranean Outflow Water: a perspective from the Gulf of Cádiz. Geo-Marine Letters, 2021, 41, 1.	1.1	9
52	Echo-character of the NW Iberian continental margin and the adjacent abyssal plains. Journal of Maps, 2018, 14, 56-67.	2.0	7
53	The sines contourite depositional system along the SW Portuguese margin: Onset, evolution and conceptual implications. Marine Geology, 2020, 430, 106357.	2.1	7
54	Late Miocene contourite depositional system of the Gulf of Cádiz: The sedimentary signature of the paleo-Mediterranean Outflow Water. Marine Geology, 2021, 442, 106605.	2.1	7

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55	The role of tectonic inheritance in the morphostructural evolution of the Galicia continental margin and adjacent abyssal plains from digital bathymetric model (DBM) analysis (NW Spain). International Journal of Earth Sciences, 2018, 107, 1267-1286.	1.8	6
56	Echo-character distribution in the Cantabrian Margin and the Biscay Abyssal Plain. Journal of Maps, 2021, 17, 547-556.	2.0	3
57	Late Miocene evolution of the eastern Deep Algarve basin: Interaction of bottom currents and gravitational processes in a foredeep setting. Marine and Petroleum Geology, 2022, 141, 105695.	3.3	3
58	Structural control and tectono-sedimentary evolution of the Gulf of Cadiz, SW Iberia since the late Miocene: Implications for contourite depositional system. Marine Geology, 2022, 449, 106818.	2.1	2
59	Statistical analysis of the structural trends in the Galician Margin and their relationship with the Cenozoic evolution of the northwestern sector of the Iberian Margin.. Boletín Geológico Y Minero, 2020, 131, 459-482.	0.1	0