

Estefana Llave

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58
papers

2,814
citations

31
h-index

52
g-index

61
ext. papers

3,176
ext. citations

3.7
avg, IF

4.79
L-index

#	Paper	IF	Citations
58	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	3.3	183
57	Bedform-velocity matrix: The estimation of bottom current velocity from bedform observations. <i>Geology</i> , 2009 , 37, 327-330	5	180
56	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	2.3	170
55	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	3.3	145
54	Looking for clues to paleoceanographic imprints: A diagnosis of the Gulf of Cadiz contourite depositional systems. <i>Geology</i> , 2003 , 31, 19	5	137
53	Paleoceanography. Onset of Mediterranean outflow into the North Atlantic. <i>Science</i> , 2014 , 344, 1244-5033	3.3	119
52	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	3.3	113
51	Seismic stacking pattern of the Faro-Albufeira contourite system (Gulf of Cadiz): a Quaternary record of paleoceanographic and tectonic influences. <i>Marine Geophysical Researches</i> , 2001 , 22, 487-508	2.3	106
50	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	5	98
49	Along-slope oceanographic processes and sedimentary products around the Iberian margin. <i>Geo-Marine Letters</i> , 2011 , 31, 315-341	1.9	88
48	The Cadiz Contourite Channel: Sandy contourites, bedforms and dynamic current interaction. <i>Marine Geology</i> , 2013 , 343, 99-114	3.3	85
47	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	2	80
46	The Gulf of Cadiz: an unstable giant contouritic levee. <i>Geo-Marine Letters</i> , 2003 , 23, 7-18	1.9	72
45	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	3.3	71
44	Chapter 19 Continental Slope Contourites. <i>Developments in Sedimentology</i> , 2008 , 60, 379-408		70
43	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	4.7	69
42	A reference time scale for Site U1385 (Shackleton Site) on the SW Iberian Margin. <i>Global and Planetary Change</i> , 2015 , 133, 49-64	4.2	67

41	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	3.3	65
40	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
39	Digital image treatment applied to ichnological analysis of marine core sediments. <i>Facies</i> , 2014 , 60, 39-44.8		53
38	Quantitative estimation of bioturbation based on digital image analysis. <i>Marine Geology</i> , 2014 , 349, 55-69.3		51
37	Quaternary evolution of the contourite depositional system in the Gulf of Cadiz. <i>Geological Society Special Publication</i> , 2007 , 276, 49-79	1.7	49
36	Oceanographic processes and morphosedimentary products along the Iberian margins: A new multidisciplinary approach. <i>Marine Geology</i> , 2016 , 378, 127-156	3.3	46
35	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> , 2013 , 16, 1-11		41
34	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	1.9	41
33	Textural characteristics and facies of sand-rich contourite depositional systems. <i>Sedimentology</i> , 2018 , 65, 2223-2252	3.3	40
32	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
31	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	2.3	38
30	Contourites and bottom current reworked sands: Bed facies model and implications. <i>Marine Geology</i> , 2020 , 428, 106267	3.3	34
29	The "Shackleton Site" (IODP Site U1385) on the Iberian Margin. <i>Scientific Drilling</i> , 2013 , 16, 13-19		33
28	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	3.3	31
27	Contourite facies model: Improving contourite characterization based on the ichnological analysis. <i>Sedimentary Geology</i> , 2019 , 384, 60-69	2.8	30
26	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	3.3	30
25	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , 2006 , 53, 208-19	6.7	23
24	Faro-Albufeira drift complex, northern Gulf of Cadiz. <i>Geological Society Memoir</i> , 2002 , 22, 137-154	0.4	22

23	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	4.2	20
22	Deep-water Circulation: Processes & Products (16-18 June 2010, Baiona): introduction and future challenges. <i>Geo-Marine Letters</i> , 2011 , 31, 285-300	1.9	20
21	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	3.3	20
20	Recent sedimentary processes in the Prestige site area (Galicia Bank, NW Iberian Margin) evidenced by high-resolution marine geophysical methods. <i>Marine Geology</i> , 2008 , 249, 21-45	3.3	18
19	Key evidence for distal turbiditic- and bottom-current interactions from tubular turbidite infills. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2019 , 533, 109233	2.9	16
18	Geomorphology of the Iberian Continental Margin. <i>Geomorphology</i> , 2013 , 196, 13-35	4.3	15
17	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	3.3	14
16	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	10.2	13
15	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. <i>Marine Geology</i> , 2008 , 249, 7-20	3.3	13
14	Geomorphological and sedimentary processes of the glacially influenced northwestern Iberian continental margin and abyssal plains. <i>Geomorphology</i> , 2018 , 312, 60-85	4.3	11
13	Contourites along the Iberian continental margins: conceptual and economic implications. <i>Geological Society Special Publication</i> , 2020 , 476, 403-436	1.7	11
12	Contourite porosity, grain size and reservoir characteristics. <i>Marine and Petroleum Geology</i> , 2020 , 117, 104392	4.7	11
11	Sedimentary processes and cold-water coral mini-mounds at the Ferrol canyon head, NW Iberian margin. <i>Progress in Oceanography</i> , 2018 , 169, 48-65	3.8	10
10	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	3.3	9
9	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). <i>Marine and Petroleum Geology</i> , 2020 , 121, 104595	4.7	8
8	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). <i>International Journal of Earth Sciences</i> , 2018 , 107, 1267-1286	2.2	5
7	Echo-character of the NW Iberian continental margin and the adjacent abyssal plains. <i>Journal of Maps</i> , 2018 , 14, 56-67	2.2	5
6	The sines contourite depositional system along the SW Portuguese margin: Onset, evolution and conceptual implications. <i>Marine Geology</i> , 2020 , 430, 106357	3.3	4

5	Latest Miocene restriction of the Mediterranean Outflow Water: a perspective from the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2021 , 41, 1	1.9	3
4	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	3.3	3
3	Echo-character distribution in the Cantabrian Margin and the Biscay Abyssal Plain. <i>Journal of Maps</i> , 2021 , 17, 533-542	2.2	2
2	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 , 105695	4.7	1
1	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 , 106818	3.3	