

Marga GarcÃ-a

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,488
citations

361045

20
h-index

315357

38
g-index

44
all docs

44
docs citations

44
times ranked

1347
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.6	198
2	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.	0.9	137
3	Active faulting offshore SE Spain (Alboran Sea): Implications for earthquake hazard assessment in the Southern Iberian Margin. <i>Earth and Planetary Science Letters</i> , 2006, 241, 734-749.	1.8	120
4	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.	2.0	116
5	The Cadiz Contourite Channel: Sandy contourites, bedforms and dynamic current interaction. <i>Marine Geology</i> , 2013, 343, 99-114.	0.9	104
6	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
7	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , 2008, 247, 61-83.	0.9	50
8	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
9	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
10	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.	0.5	43
11	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.	0.9	36
12	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , 2011, 284, 158-174.	0.9	34
13	The tributary valley systems of the Almeria Canyon (Alboran Sea, SW Mediterranean): Sedimentary architecture. <i>Marine Geology</i> , 2006, 226, 207-223.	0.9	33
14	Messinian Salinity Crisis deposits widespread over the Balearic Promontory: Insights from new high-resolution seismic data. <i>Marine and Petroleum Geology</i> , 2015, 66, 41-54.	1.5	32
15	Recent glacially influenced sedimentary processes on the East Greenland continental slope and deep Greenland Basin. <i>Quaternary Science Reviews</i> , 2012, 49, 64-81.	1.4	25
16	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , 2006, 53, 208-219.	2.3	24
17	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , 2011, 32, 245-256.	0.5	24
18	Bottom currents and their influence on the sedimentation pattern in the El Arraiche mud volcano province, southern Gulf of Cadiz. <i>Marine Geology</i> , 2016, 378, 114-126.	0.9	23

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19	Miocene to present oceanographic variability in the Scotia Sea and Antarctic ice sheets dynamics: Insight from revised seismic-stratigraphy following IODP Expedition 382. <i>Earth and Planetary Science Letters</i> , 2021, 553, 116657.	1.8	21
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.	0.9	20
21	Sediment lithofacies, processes and sedimentary models in the Central Bransfield Basin, Antarctic Peninsula, since the Last Glacial Maximum. <i>Marine Geology</i> , 2011, 290, 1-16.	0.9	20
22	Mass transport processes in the southern Scotia Sea: Evidence of paleoearthquakes. <i>Global and Planetary Change</i> , 2014, 123, 374-391.	1.6	20
23	Morphology and sedimentary systems in the Central Bransfield Basin, Antarctic Peninsula: sedimentary dynamics from shelf to basin. <i>Basin Research</i> , 2009, 21, 295-314.	1.3	19
24	Contourites along the Iberian continental margins: conceptual and economic implications. <i>Geological Society Special Publication</i> , 2020, 476, 403-436.	0.8	19
25	Late Pleistocene and Holocene sedimentary facies on the SW Galicia Bank (Atlantic NW Iberian) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.9	18
26	A detailed look at diapir piercement onto the ocean floor: New evidence from Santos Basin, offshore Brazil. <i>Marine Geology</i> , 2018, 406, 98-108.	0.9	17
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.	0.9	16
28	High-resolution seismic stratigraphy and morphology of the Scan Basin contourite fan, southern Scotia Sea, Antarctica. <i>Marine Geology</i> , 2016, 378, 361-373.	0.9	16
29	New insights on the post-rift seismic stratigraphic architecture and sedimentary evolution of the Antarctic Peninsula margin (Central Bransfield Basin). <i>Marine Geology</i> , 2008, 251, 167-182.	0.9	15
30	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. <i>Marine Geology</i> , 2008, 249, 7-20.	0.9	14
31	Geomorphic and shallow-acoustic investigation of an Antarctic Peninsula fjord system using high-resolution ROV and shipboard geophysical observations: Ice dynamics and behaviour since the Last Glacial Maximum. <i>Quaternary Science Reviews</i> , 2016, 153, 122-138.	1.4	14
32	Morphology of the last subaerial unconformity on a shelf: insights into transgressive ravinement and incised valley occurrence in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2018, 38, 33-45.	0.5	13
33	Multiprocess interaction shaping geoforms and controlling substrate types and benthic community distribution in the Gulf of Cádiz. <i>Marine Geology</i> , 2020, 423, 106139.	0.9	13
34	New Magnetostratigraphic Insights From Iceberg Alley on the Rhythms of Antarctic Climate During the Pliocene-Pleistocene. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003994.	1.3	12
35	Antiphased dust deposition and productivity in the Antarctic Zone over 1.5 million years. <i>Nature Communications</i> , 2022, 13, 2044.	5.8	11
36	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.1	10

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37	Variability of Shelf Growth Patterns along the Iberian Mediterranean Margin: Sediment Supply and Tectonic Influences. <i>Geosciences (Switzerland)</i> , 2018, 8, 168.	1.0	6
38	Geomorphology of Ona Basin, southwestern Scotia Sea (Antarctica): Decoding the spatial variability of bottom-current pathways. <i>Marine Geology</i> , 2020, 422, 106113.	0.9	5
39	Episodes of Early Pleistocene West Antarctic Ice Sheet Retreat Recorded by Iceberg Alley Sediments. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	1.3	5
40	The Gebraâ€™Magia Complex: mass-transport processes reworking trough-mouth fans in the Central Bransfield Basin (Antarctica). <i>Geological Society Special Publication</i> , 2018, 461, 61-75.	0.8	4
41	A glacier-influenced turbidite system and associated landform assemblage in the Greenland Basin and adjacent continental slope. <i>Geological Society Memoir</i> , 2016, 46, 461-468.	0.9	3
42	Deep Sea Sedimentation. , 2022, , 960-988.		3
43	Late Pleistocene and Holocene Depositional Facies of the Almeria Channel (Alboran Sea, Western) Tj ETQq1 1 0.784314 rgBT ₂ /Overlo		
44	Paleocirculation and paleoclimate conditions in the western Mediterranean basins over the last deglaciation: New insights from sediment composition variations. <i>Global and Planetary Change</i> , 2022, 209, 103732.	1.6	2