

Marga García-a

List of Publications by Year in descending order

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44
papers

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citations

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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. Deep-Sea Research Part II: Topical Studies in Oceanography, 2006, 53, 1420-1463.	1.4	198
2	Contourite erosive features caused by the Mediterranean Outflow Water in the Gulf of Cadiz: Quaternary tectonic and oceanographic implications. Marine Geology, 2009, 257, 24-40.	2.1	137
3	Active faulting offshore SE Spain (Alboran Sea): Implications for earthquake hazard assessment in the Southern Iberian Margin. Earth and Planetary Science Letters, 2006, 241, 734-749.	4.4	120
4	Contourite processes associated with the Mediterranean Outflow Water after its exit from the Strait of Gibraltar: Global and conceptual implications. Geology, 2014, 42, 227-230.	4.4	116
5	The Cadiz Contourite Channel: Sandy contourites, bedforms and dynamic current interaction. Marine Geology, 2013, 343, 99-114.	2.1	104
6	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. Marine Geology, 2016, 378, 157-170.	2.1	81
7	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. Marine Geology, 2008, 247, 61-83.	2.1	50
8	Seismic evidence of current-controlled sedimentation in the Alboran Sea during the Pliocene and Quaternary: Palaeoceanographic implications. Marine Geology, 2016, 378, 292-311.	2.1	47
9	Imaging the recent sediment dynamics of the Galicia Bank region (Atlantic, NW Iberian Peninsula). Marine Geophysical Researches, 2011, 32, 99-126.	1.2	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. Marine Geophysical Researches, 2007, 28, 379-394.	1.2	43
11	Erosive sub-circular depressions on the Guadalquivir Bank (Gulf of Cadiz): Interaction between bottom current, mass-wasting and tectonic processes. Marine Geology, 2016, 378, 5-19.	2.1	36
12	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. Marine Geology, 2011, 284, 158-174.	2.1	34
13	The tributary valley systems of the Almeria Canyon (Alboran Sea, SW Mediterranean): Sedimentary architecture. Marine Geology, 2006, 226, 207-223.	2.1	33
14	Messinian Salinity Crisis deposits widespread over the Balearic Promontory: Insights from new high-resolution seismic data. Marine and Petroleum Geology, 2015, 66, 41-54.	3.3	32
15	Recent glacially influenced sedimentary processes on the East Greenland continental slope and deep Greenland Basin. Quaternary Science Reviews, 2012, 49, 64-81.	3.0	25
16	Geological characterization of the Prestige sinking area. Marine Pollution Bulletin, 2006, 53, 208-219.	5.0	24
17	The Baraza Slide: model and dynamics. Marine Geophysical Researches, 2011, 32, 245-256.	1.2	24
18	Bottom currents and their influence on the sedimentation pattern in the El Arraiche mud volcano province, southern Gulf of Cadiz. Marine Geology, 2016, 378, 114-126.	2.1	23

#	ARTICLE	IF	CITATIONS
19	Miocene to present oceanographic variability in the Scotia Sea and Antarctic ice sheets dynamics: Insight from revised seismic-stratigraphy following IODP Expedition 382. Earth and Planetary Science Letters, 2021, 553, 116657.	4.4	21
20	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
21	Sediment lithofacies, processes and sedimentary models in the Central Bransfield Basin, Antarctic Peninsula, since the Last Glacial Maximum. Marine Geology, 2011, 290, 1-16.	2.1	20
22	Mass transport processes in the southern Scotia Sea: Evidence of paleoearthquakes. Global and Planetary Change, 2014, 123, 374-391.	3.5	20
23	Morphology and sedimentary systems in the Central Bransfield Basin, Antarctic Peninsula: sedimentary dynamics from shelf to basin. Basin Research, 2009, 21, 295-314.	2.7	19
24	Contourites along the Iberian continental margins: conceptual and economic implications. Geological Society Special Publication, 2020, 476, 403-436.	1.3	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	2.1	18
26	A detailed look at diapir piercement onto the ocean floor: New evidence from Santos Basin, offshore Brazil. Marine Geology, 2018, 406, 98-108.	2.1	17
27	Post-rift sedimentary evolution of the Gebra Debris Valley. A submarine slope failure system in the Central Bransfield Basin (Antarctica). Marine Geology, 2013, 340, 16-29.	2.1	16
28	High-resolution seismic stratigraphy and morphology of the Scan Basin contourite fan, southern Scotia Sea, Antarctica. Marine Geology, 2016, 378, 361-373.	2.1	16
29	New insights on the post-rift seismic stratigraphic architecture and sedimentary evolution of the Antarctic Peninsula margin (Central Bransfield Basin). Marine Geology, 2008, 251, 167-182.	2.1	15
30	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. Marine Geology, 2008, 249, 7-20.	2.1	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. Quaternary Science Reviews, 2016, 153, 122-138.	3.0	14
32	Morphology of the last subaerial unconformity on a shelf: insights into transgressive ravinement and incised valley occurrence in the Gulf of Cádiz. Geo-Marine Letters, 2018, 38, 33-45.	1.1	13
33	Multiprocess interaction shaping geoforms and controlling substrate types and benthic community distribution in the Gulf of Cádiz. Marine Geology, 2020, 423, 106139.	2.1	13
34	New Magnetostratigraphic Insights From Iceberg Alley on the Rhythms of Antarctic Climate During the Pliocene-Pleistocene. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA003994.	2.9	12
35	Antiphased dust deposition and productivity in the Antarctic Zone over 1.5 million years. Nature Communications, 2022, 13, 2044.	12.8	11
36	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.1	9

#	ARTICLE	IF	CITATIONS
37	Variability of Shelf Growth Patterns along the Iberian Mediterranean Margin: Sediment Supply and Tectonic Influences. <i>Geosciences (Switzerland)</i> , 2018, 8, 168.	2.2	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.	2.1	5
39	Episodes of Early Pleistocene West Antarctic Ice Sheet Retreat Recorded by Iceberg Alley Sediments. <i>Paleoceanography and Paleoclimatology</i> , 2022, 37, .	2.9	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.	1.3	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.	1.7	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 /Overlook		
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.	3.5	2