

# Marga Garca

## List of Publications by Citations

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42  
papers

1,214  
citations

19  
h-index

34  
g-index

44  
ext. papers

1,373  
ext. citations

3.5  
avg, IF

3.7  
L-index

#	Paper	IF	Citations
42	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> , <b>2006</b> , 53, 1420-1463	2.3	170
41	Contourite erosive features caused by the Mediterranean Outflow Water in the Gulf of Cadiz: Quaternary tectonic and oceanographic implications. <i>Marine Geology</i> , <b>2009</b> , 257, 24-40	3.3	113
40	Active faulting offshore SE Spain (Alboran Sea): Implications for earthquake hazard assessment in the Southern Iberian Margin. <i>Earth and Planetary Science Letters</i> , <b>2006</b> , 241, 734-749	5.3	106
39	Contourite processes associated with the Mediterranean Outflow Water after its exit from the Strait of Gibraltar: Global and conceptual implications. <i>Geology</i> , <b>2014</b> , 42, 227-230	5	98
38	The Cadiz Contourite Channel: Sandy contourites, bedforms and dynamic current interaction. <i>Marine Geology</i> , <b>2013</b> , 343, 99-114	3.3	85
37	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. <i>Marine Geology</i> , <b>2016</b> , 378, 157-170	3.3	64
36	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , <b>2008</b> , 247, 61-83	3.3	42
35	Imaging the recent sediment dynamics of the Galicia Bank region (Atlantic, NW Iberian Peninsula). <i>Marine Geophysical Researches</i> , <b>2011</b> , 32, 99-126	2.3	41
34	Seismic evidence of current-controlled sedimentation in the Alboran Sea during the Pliocene and Quaternary: Palaeoceanographic implications. <i>Marine Geology</i> , <b>2016</b> , 378, 292-311	3.3	38
33	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> , <b>2007</b> , 28, 379-394	2.3	38
32	Erosive sub-circular depressions on the Guadalquivir Bank (Gulf of Cadiz): Interaction between bottom current, mass-wasting and tectonic processes. <i>Marine Geology</i> , <b>2016</b> , 378, 5-19	3.3	31
31	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , <b>2011</b> , 284, 158-174	3.3	30
30	Messinian Salinity Crisis deposits widespread over the Balearic Promontory: Insights from new high-resolution seismic data. <i>Marine and Petroleum Geology</i> , <b>2015</b> , 66, 41-54	4.7	25
29	The tributary valley systems of the Almeria Canyon (Alboran Sea, SW Mediterranean): Sedimentary architecture. <i>Marine Geology</i> , <b>2006</b> , 226, 207-223	3.3	25
28	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , <b>2006</b> , 53, 208-19	6.7	23
27	Recent glacially influenced sedimentary processes on the East Greenland continental slope and deep Greenland Basin. <i>Quaternary Science Reviews</i> , <b>2012</b> , 49, 64-81	3.9	22
26	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , <b>2011</b> , 32, 245-256	2.3	20

25	Bottom currents and their influence on the sedimentation pattern in the El Arraiche mud volcano province, southern Gulf of Cadiz. <i>Marine Geology</i> , <b>2016</b> , 378, 114-126	3.3	19
24	Mass transport processes in the southern Scotia Sea: Evidence of paleoearthquakes. <i>Global and Planetary Change</i> , <b>2014</b> , 123, 374-391	4.2	19
23	Recent sedimentary processes in the Prestige site area (Galicia Bank, NW Iberian Margin) evidenced by high-resolution marine geophysical methods. <i>Marine Geology</i> , <b>2008</b> , 249, 21-45	3.3	18
22	Late Pleistocene and Holocene sedimentary facies on the SW Galicia Bank (Atlantic NW Iberian Peninsula). <i>Marine Geology</i> , <b>2008</b> , 249, 46-63	3.3	17
21	Sediment lithofacies, processes and sedimentary models in the Central Bransfield Basin, Antarctic Peninsula, since the Last Glacial Maximum. <i>Marine Geology</i> , <b>2011</b> , 290, 1-16	3.3	16
20	Morphology and sedimentary systems in the Central Bransfield Basin, Antarctic Peninsula: sedimentary dynamics from shelf to basin. <i>Basin Research</i> , <b>2009</b> , 21, 295-314	3.2	16
19	Post-rift sedimentary evolution of the Gebra Debris Valley. A submarine slope failure system in the Central Bransfield Basin (Antarctica). <i>Marine Geology</i> , <b>2013</b> , 340, 16-29	3.3	15
18	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. <i>Marine Geology</i> , <b>2008</b> , 249, 7-20	3.3	13
17	New insights on the post-rift seismic stratigraphic architecture and sedimentary evolution of the Antarctic Peninsula margin (Central Bransfield Basin). <i>Marine Geology</i> , <b>2008</b> , 251, 167-182	3.3	13
16	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> , <b>2016</b> , 153, 122-138	3.9	12
15	Contourites along the Iberian continental margins: conceptual and economic implications. <i>Geological Society Special Publication</i> , <b>2020</b> , 476, 403-436	1.7	11
14	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> , <b>2018</b> , 38, 33-45	1.9	10
13	High-resolution seismic stratigraphy and morphology of the Scan Basin contourite fan, southern Scotia Sea, Antarctica. <i>Marine Geology</i> , <b>2016</b> , 378, 361-373	3.3	10
12	Multiprocess interaction shaping geofoms and controlling substrate types and benthic community distribution in the Gulf of Cádiz. <i>Marine Geology</i> , <b>2020</b> , 423, 106139	3.3	10
11	A detailed look at diapir piercement onto the ocean floor: New evidence from Santos Basin, offshore Brazil. <i>Marine Geology</i> , <b>2018</b> , 406, 98-108	3.3	10
10	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> , <b>2021</b> , 553, 116657	5.3	9
9	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean Sea). <i>Advances in Natural and Technological Hazards Research</i> , <b>2014</b> , 561-570	1.8	8
8	The GebraMagia Complex: mass-transport processes reworking trough-mouth fans in the Central Bransfield Basin (Antarctica). <i>Geological Society Special Publication</i> , <b>2018</b> , 461, 61-75	1.7	4

7	Variability of Shelf Growth Patterns along the Iberian Mediterranean Margin: Sediment Supply and Tectonic Influences. <i>Geosciences (Switzerland)</i> , <b>2018</b> , 8, 168	2.7	4
6	Geomorphology of Ona Basin, southwestern Scotia Sea (Antarctica): Decoding the spatial variability of bottom-current pathways. <i>Marine Geology</i> , <b>2020</b> , 422, 106113	3.3	3
5	A glacier-influenced turbidite system and associated landform assemblage in the Greenland Basin and adjacent continental slope. <i>Geological Society Memoir</i> , <b>2016</b> , 46, 461-468	0.4	2
4	New Magnetostratigraphic Insights From Iceberg Alley on the Rhythms of Antarctic Climate During the Plio-Pleistocene. <i>Paleoceanography and Paleoclimatology</i> , <b>2021</b> , 36, e2020PA003994	3.3	2
3	Deep Sea Sedimentation <b>2021</b> , 960-960		1
2	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> , <b>2022</b> , 209, 103732	4.2	0
1	Antiphased dust deposition and productivity in the Antarctic Zone over 1.5 million years.. <i>Nature Communications</i> , <b>2022</b> , 13, 2044	17.4	0