

# Marga Garca

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8441433/marga-garcia-publications-by-year.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
41	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
40	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
39	Deep Sea Sedimentation <b>2021</b> , 960-960		1
38	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
37	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
36	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
35	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
34	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
33	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
32	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
31	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
30	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
29	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
28	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
27	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
26	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

25	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
24	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
23	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
22	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
21	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
20	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
19	Post-rift sedimentary evolution of the Gegra 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	The Cadiz Contourite Channel: Sandy contourites, bedforms and dynamic current interaction. <i>Marine Geology</i> , <b>2013</b> , 343, 99-114	3.3	85
17	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
16	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
15	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
14	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , <b>2011</b> , 32, 245-256	2.3	20
13	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
12	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
11	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
10	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
9	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
8	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

7	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
6	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
5	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
4	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
3	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , <b>2006</b> , 53, 208-19	6.7	23
2	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
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> , <b>2006</b> , 53, 1420-1463	2.3	170