

Belen Alonso

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3898343/belen-alonso-publications-by-year.pdf>

Version: 2024-04-24

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.

68
papers

1,510
citations

25
h-index

35
g-index

70
ext. papers

1,636
ext. citations

2.9
avg, IF

4.06
L-index

#	Paper	IF	Citations
68	Understanding the complex geomorphology of a deep sea area affected by continental tectonic indentation: The case of the Gulf of Vera (Western Mediterranean). <i>Geomorphology</i> , 2022 , 402, 108126	4.3	0
67	Triggering Mechanisms of Tsunamis in the Gulf of Cadiz and the Alboran Sea: An Overview. <i>Natural Science in Archaeology</i> , 2022 , 65-104	0.4	0
66	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. <i>Oceans</i> , 2021 , 2, 393-428	1.3	3
65	Deep Sea Sedimentation 2021 , 960-960		1
64	Seafloor Morphology and Processes in the Alboran Sea 2021 , 157-205		1
63	A Geological History for the Alboran Sea Region 2021 , 111-155		5
62	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western Mediterranean). <i>Solid Earth</i> , 2020 , 11, 741-765	3.3	15
61	Heat flow in the Western Mediterranean: Thermal anomalies on the margins, the seafloor and the transfer zones. <i>Marine Geology</i> , 2020 , 419, 106064	3.3	8
60	Multiple factors controlling the deep marine sedimentation of the Alboran Sea (SW Mediterranean) after the Zanclean Atlantic Mega-flood. <i>Marine Geology</i> , 2020 , 423, 106138	3.3	12
59	Cenozoic sedimentary history of the northern Argentine continental slope, off Bahia Blanca, the location of the Ewing Terrace: Palaeogeodynamic and palaeoceanographic implications. <i>Marine Geology</i> , 2019 , 417, 106028	3.3	3
58	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , 2019 , 61-103	2.5	3
57	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western Mediterranean) 2019 ,		1
56	Quantitative characterisation of contourite deposits using medical CT. <i>Marine Geology</i> , 2019 , 417, 106003	3.3	8
55	133,000 Years of Sedimentary Record in a Contourite Drift in the Western Alboran Sea: Sediment Sources and Paleocurrent Reconstruction. <i>Geosciences (Switzerland)</i> , 2019 , 9, 345	2.7	7
54	Influence of alongslope processes on modern turbidite systems and canyons in the Alboran Sea (southwestern Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019 , 144, 1-16	2.5	24
53	Serreta 1998-2001 submarine volcanic eruption, offshore Terceira (Azores): Characterization of the vent and inferences about the eruptive dynamics. <i>Journal of Volcanology and Geothermal Research</i> , 2018 , 356, 127-140	2.8	10
52	Tectonic indentation in the central Alboran Sea (westernmost Mediterranean). <i>Terra Nova</i> , 2018 , 30, 24-33	3	26

51	Late Pleistocene-Holocene history of a tectonically active segment of the continental margin (Nekor basin, Western Mediterranean, Morocco). <i>Marine and Petroleum Geology</i> , 2018 , 97, 370-389	4.7	12
50	Imaging the Growth of Recent Faults: The Case of 2016-2017 Seismic Sequence Sea Bottom Deformation in the Alboran Sea (Western Mediterranean). <i>Tectonics</i> , 2018 , 37, 2513-2530	4.3	16
49	2018 ,		1
48	Tsunamigenic submarine landslides along the Xaueníofifi banks in the Alboran Sea (Western Mediterranean Sea). <i>Geophysical Journal International</i> , 2017 , 209, 266-281	2.6	12
47	Dynamics of Sorted Bedforms on a Shallow Infralittoral Prograding Wedge Influenced by Dredging (El Masnou, NW Mediterranean) 2017 , 135-141		1
46	Impact of sea-level rise on earthquake and landslide triggering offshore the Alentejo margin (SW Iberia). <i>Geo-Marine Letters</i> , 2016 , 36, 415-424	1.9	6
45	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
44	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
43	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
42	Contourite vs gravity-flow deposits of the Pleistocene Faro Drift (Gulf of Cadiz): Sedimentological and mineralogical approaches. <i>Marine Geology</i> , 2016 , 377, 77-94	3.3	50
41	Development of coccolithophore-based transfer functions in the western Mediterranean sea: a sea surface salinity reconstruction for the last 15.5 kyr. <i>Climate of the Past</i> , 2015 , 11, 1635-1651	3.9	6
40	The Al-Borani submarine landslide and associated tsunamis. A modelling approach. <i>Marine Geology</i> , 2015 , 361, 79-95	3.3	36
39	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean Sea). <i>Advances in Natural and Technological Hazards Research</i> , 2014 , 561-570	1.8	8
38	Bathy-morphological setting of Terceira Island (Azores) after the FAIVI cruise. <i>Journal of Maps</i> , 2013 , 9, 590-595	2.2	27
37	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	3.3	16
36	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , 2011 , 32, 245-256	2.3	20
35	Interaction between seabed morphology and water masses around the seamounts on the Motril Marginal Plateau (Alboran Sea, Western Mediterranean). <i>Geo-Marine Letters</i> , 2011 , 31, 465-479	1.9	39
34	Impact of pulsed Atlantic water inflow into the Alboran Basin at the time of the Zanclean flooding. <i>Geo-Marine Letters</i> , 2011 , 31, 361-376	1.9	49

33	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , 2011 , 284, 158-174	3-3	30
32	The El Masnou infralittoral sedimentary environment (Barcelona province, NW Mediterranean Sea): morphology and Holocene seismic stratigraphy. <i>Scientia Marina</i> , 2010 , 74, 179-196	1.8	15
31	Transfer of organic carbon on the Moroccan Atlantic continental margin (NW Africa): productivity and lateral advection. <i>Geo-Marine Letters</i> , 2009 , 29, 277-289	1.9	1
30	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	3.2	16
29	Late Pleistocene and Holocene sedimentary facies on the SW Galicia Bank (Atlantic NW Iberian Peninsula). <i>Marine Geology</i> , 2008 , 249, 46-63	3-3	17
28	Growth patterns of a proximal terrigenous margin offshore the Guadalfeo River, northern Alboran Sea (SW Mediterranean Sea): glacio-eustatic control and disturbing tectonic factors. <i>Marine Geophysical Researches</i> , 2008 , 29, 195-216	2.3	17
27	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
26	High-resolution seismic stratigraphy of the Galicia Bank Region and neighbouring abyssal plains (NW Iberian continental margin). <i>Marine Geology</i> , 2008 , 249, 108-127	3-3	32
25	Detrital and early diagenetic processes in Late Pleistocene and Holocene sediments from the SW Galicia Bank inferred from high-resolution enviromagnetic and geochemical records. <i>Marine Geology</i> , 2008 , 249, 64-92	3-3	20
24	Seafloor characterization and backscatter variability of the Almer� Margin (Alboran Sea, SW Mediterranean) based on high-resolution acoustic data. <i>Marine Geology</i> , 2008 , 250, 1-18	3-3	52
23	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	3-3	13
22	The tributary valley systems of the Almeria Canyon (Alboran Sea, SW Mediterranean): Sedimentary architecture. <i>Marine Geology</i> , 2006 , 226, 207-223	3-3	25
21	Quantitative study of a Magdalena submarine channel (Caribbean Sea): implications for sedimentary dynamics. <i>Marine and Petroleum Geology</i> , 2005 , 22, 623-635	4-7	23
20	Reply to comments by Lastras et al. on Recent mass-movement processes on the Ebro continental slope (NW Mediterranean). <i>Marine and Petroleum Geology</i> , 2004 , 21, 135-139	4-7	1
19	Recent mass-movement processes on the Ebro continental slope (NW Mediterranean). <i>Marine and Petroleum Geology</i> , 2003 , 20, 445-457	4-7	25
18	The Magdalena Turbidite System (Caribbean Sea): present-day morphology and architecture model. <i>Marine Geology</i> , 2002 , 185, 303-318	3-3	31
17	Initiation and evolution of turbidity current sediment waves in the Magdalena turbidite system. <i>Marine Geology</i> , 2002 , 192, 153-169	3-3	40
16	Turbidity current sediment waves on irregular slopes: observations from the Orinoco sediment wave field. <i>Marine Geology</i> , 2002 , 192, 171-187	3-3	46

15	Storminess control over African dust input to the Moroccan Atlantic margin (NW Africa) at the time of maxima boreal summer insolation: a record of the last 220 kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002 , 183, 155-168	2.9	52
14	Small turbidite systems in a complex tectonic setting (SW Mediterranean Sea): morphology and growth patterns. <i>Marine and Petroleum Geology</i> , 2002 , 19, 1225-1240	4.7	29
13	Seismostratigraphy of the western flanks of El Hierro and La Palma (Canary Islands): a record of Canary Islands volcanism. <i>Marine Geology</i> , 1998 , 146, 225-241	3.3	42
12	The most recent megalandslides of the Canary Islands: El Golfo debris avalanche and Canary debris flow, west El Hierro Island. <i>Journal of Geophysical Research</i> , 1997 , 102, 20305-20323		131
11	A Deep-sea Channel in the Northwestern Mediterranean Sea: Morphology and seismic structure of the Valencia Channel and its surroundings. <i>Marine Geophysical Researches</i> , 1995 , 17, 469-484	2.3	20
10	Progradation and retreat of the Valencia fanlobes controlled by sea-level changes during the Plio-Pleistocene (northwestern Mediterranean). <i>Marine Geology</i> , 1994 , 117, 195-205	3.3	10
9	Pliocene-pleistocene seismic stratigraphy of the Ross Sea: Evidence for multiple ice sheet grounding episodes. <i>Antarctic Research Series</i> , 1992 , 93-103		35
8	Modern Sand-Rich and Mud-Rich Siliciclastic Aprons: Alternative Base-of-Slope Turbidite Systems to Submarine Fans. <i>Frontiers in Sedimentary Geology</i> , 1991 , 171-190		8
7	Inorganic geochemistry of surface sediments of the Ebro shelf and slope, northwestern Mediterranean. <i>Marine Geology</i> , 1990 , 95, 225-245	3.3	9
6	Geological framework of the Ebro continental margin and surrounding areas. <i>Marine Geology</i> , 1990 , 95, 265-287	3.3	56
5	Sedimentary evolution of the Pliocene and Pleistocene Ebro margin, northeastern Spain. <i>Marine Geology</i> , 1990 , 95, 313-331	3.3	37
4	Late Quaternary sedimentation patterns of the Ebro turbidite systems (northwestern Mediterranean): Two styles of deep-sea deposition. <i>Marine Geology</i> , 1990 , 95, 353-377	3.3	32
3	Morphology of the Ebro fan valleys from SeaMARC and sea beam profiles. <i>Geo-Marine Letters</i> , 1985 , 5, 141-148	1.9	17
2	Morphology and downslope sediment displacement in a deep-sea valley, the Valencia Valley (Northwestern Mediterranean). <i>Geo-Marine Letters</i> , 1985 , 5, 149-156	1.9	17
1	Physiography and deposition on a distal deep-sea system: The Valencia Fan (Northwestern Mediterranean). <i>Geo-Marine Letters</i> , 1985 , 5, 157-164	1.9	21