

Belen Alonso

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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	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
67	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
66	Geological framework of the Ebro continental margin and surrounding areas. <i>Marine Geology</i> , 1990 , 95, 265-287	3.3	56
65	Seafloor characterization and backscatter variability of the Almerá Margin (Alboran Sea, SW Mediterranean) based on high-resolution acoustic data. <i>Marine Geology</i> , 2008 , 250, 1-18	3.3	52
64	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
63	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
62	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
61	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
60	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
59	Initiation and evolution of turbidity current sediment waves in the Magdalena turbidite system. <i>Marine Geology</i> , 2002 , 192, 153-169	3.3	40
58	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
57	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
56	Sedimentary evolution of the Pliocene and Pleistocene Ebro margin, northeastern Spain. <i>Marine Geology</i> , 1990 , 95, 313-331	3.3	37
55	The Al-Borani submarine landslide and associated tsunamis. A modelling approach. <i>Marine Geology</i> , 2015 , 361, 79-95	3.3	36
54	Pliocene-pleistocene seismic stratigraphy of the Ross Sea: Evidence for multiple ice sheet grounding episodes. <i>Antarctic Research Series</i> , 1992 , 93-103		35
53	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
52	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

51	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
50	The Magdalena Turbidite System (Caribbean Sea): present-day morphology and architecture model. <i>Marine Geology</i> , 2002 , 185, 303-318	3-3	31
49	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , 2011 , 284, 158-174	3-3	30
48	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
47	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
46	Bathy-morphological setting of Terceira Island (Azores) after the FAIVI cruise. <i>Journal of Maps</i> , 2013 , 9, 590-595	2-2	27
45	Tectonic indentation in the central Alboran Sea (westernmost Mediterranean). <i>Terra Nova</i> , 2018 , 30, 24-33	3	26
44	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
43	Recent mass-movement processes on the Ebro continental slope (NW Mediterranean). <i>Marine and Petroleum Geology</i> , 2003 , 20, 445-457	4-7	25
42	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
41	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
40	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
39	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , 2011 , 32, 245-256	2-3	20
38	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
37	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
36	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
35	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
34	Morphology of the Ebro fan valleys from SeaMARC and sea beam profiles. <i>Geo-Marine Letters</i> , 1985 , 5, 141-148	1-9	17

33	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
32	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
31	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
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	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
28	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
27	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
26	Tsunamigenic submarine landslides along the Xaueníofíð banks in the Alboran Sea (Western Mediterranean Sea). <i>Geophysical Journal International</i> , 2017 , 209, 266-281	2.6	12
25	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
24	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
23	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
22	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
21	Inorganic geochemistry of surface sediments of the Ebro shelf and slope, northwestern Mediterranean. <i>Marine Geology</i> , 1990 , 95, 225-245	3.3	9
20	Quantitative characterisation of contourite deposits using medical CT. <i>Marine Geology</i> , 2019 , 417, 106003	3.3	8
19	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
18	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
17	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
16	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

15	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
14	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
13	A Geological History for the Alboran Sea Region 2021 , 111-155		5
12	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
11	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , 2019 , 61-103	2.5	3
10	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. <i>Oceans</i> , 2021 , 2, 393-428	1.3	3
9	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western Mediterranean) 2019 ,		1
8	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
7	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
6	Dynamics of Sorted Bedforms on a Shallow Infralittoral Prograding Wedge Influenced by Dredging (El Masnou, NW Mediterranean) 2017 , 135-141		1
5	Deep Sea Sedimentation 2021 , 960-960		1
4	Seafloor Morphology and Processes in the Alboran Sea 2021 , 157-205		1
3	2018 ,		1
2	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
1	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