

Belen Alonso

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3898343/publications.pdf>

Version: 2024-02-01

68
papers

1,806
citations

218381

26
h-index

288905

40
g-index

70
all docs

70
docs citations

70
times ranked

1604
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	3.3	153
2	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. <i>Marine Geology</i> , 2016, 378, 157-170.	0.9	81
3	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.	0.9	61
4	Geological framework of the Ebro continental margin and surrounding areas. <i>Marine Geology</i> , 1990, 95, 265-287.	0.9	60
5	Seafloor characterization and backscatter variability of the Almería Margin (Alboran Sea, SW) Tj ETQq1 1 0.784314 rgBT /Overlock 107	0.9	57
6	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.	1.0	54
7	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.	0.5	54
8	Sedimentary evolution of the Pliocene and Pleistocene Ebro margin, northeastern Spain. <i>Marine Geology</i> , 1990, 95, 313-331.	0.9	51
9	Turbidity current sediment waves on irregular slopes: observations from the Orinoco sedimentâ€“wave field. <i>Marine Geology</i> , 2002, 192, 171-187.	0.9	51
10	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.	0.9	49
11	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.	0.9	47
12	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.	0.5	44
13	The Al-Borani submarine landslide and associated tsunamis. A modelling approach. <i>Marine Geology</i> , 2015, 361, 79-95.	0.9	44
14	Pliocene-pleistocene seismic stratigraphy of the Ross Sea: Evidence for multiple ice sheet grounding episodes. <i>Antarctic Research Series</i> , 1992, , 93-103.	0.2	43
15	Initiation and evolution of turbidity current sediment waves in the Magdalena turbidite system. <i>Marine Geology</i> , 2002, 192, 153-169.	0.9	42
16	The Magdalena Turbidite System (Caribbean Sea): present-day morphology and architecture model. <i>Marine Geology</i> , 2002, 185, 303-318.	0.9	39
17	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.	0.9	38
18	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.	1.5	36

#	ARTICLE	IF	CITATIONS
19	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.	0.9	36
20	High-resolution seismic stratigraphy of the Galicia Bank Region and neighbouring abyssal plains (NW Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	36
21	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.	0.9	36
22	The Catalan margin during the Messinian Salinity Crisis: Physiography, morphology and sedimentary record. <i>Marine Geology</i> , 2011, 284, 158-174.	0.9	34
23	The tributary valley systems of the Almeria Canyon (Alboran Sea, SW Mediterranean): Sedimentary architecture. <i>Marine Geology</i> , 2006, 226, 207-223.	0.9	33
24	Tectonic indentation in the central Alboran Sea (westernmost Mediterranean). <i>Terra Nova</i> , 2018, 30, 24-33.	0.9	32
25	Recent mass-movement processes on the Ebro continental slope (NW Mediterranean). <i>Marine and Petroleum Geology</i> , 2003, 20, 445-457.	1.5	29
26	Bathy-morphological setting of Terceira Island (Azores) after the FAVI cruise. <i>Journal of Maps</i> , 2013, 9, 590-595.	1.0	29
27	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.	0.6	26
28	Quantitative study of a Magdalena submarine channel (Caribbean Sea): implications for sedimentary dynamics. <i>Marine and Petroleum Geology</i> , 2005, 22, 623-635.	1.5	25
29	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , 2011, 32, 245-256.	0.5	24
30	Physiography and deposition on a distal deep-sea system: The Valencia Fan (Northwestern Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	0.5	23
31	Morphology of the Ebro fan valleys from SeaMARC and sea beam profiles. <i>Geo-Marine Letters</i> , 1985, 5, 141-148.	0.5	22
32	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.	0.5	22
33	Imaging the Growth of Recent Faults: The Case of 2016â€“2017 Seismic Sequence Sea Bottom Deformation in the Alboran Sea (Western Mediterranean). <i>Tectonics</i> , 2018, 37, 2513-2530.	1.3	22
34	Morphology and downslope sediment displacement in a deep-sea valley, the Valencia Valley (Northwestern Mediterranean). <i>Geo-Marine Letters</i> , 1985, 5, 149-156.	0.5	20
35	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.	0.9	20
36	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.	0.9	20

#	ARTICLE	IF	CITATIONS
37	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.	0.5	19
38	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.	1.3	19
39	Late Pleistocene and Holocene sedimentary facies on the SW Galicia Bank (Atlantic NW Iberian) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	0.9	18
40	The El Masnou infralittoral sedimentary environment (Barcelona province, NW Mediterranean Sea): morphology and Holocene seismic stratigraphy. <i>Scientia Marina</i> , 2010, 74, 179-196.	0.3	18
41	Heat flow in the Western Mediterranean: Thermal anomalies on the margins, the seafloor and the transfer zones. <i>Marine Geology</i> , 2020, 419, 106064.	0.9	17
42	Tsunamigenic submarine landslides along the Xauenâ€™TofiÃ±o banks in the Alboran Sea (Western) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.0	16
43	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	1.2	16
44	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.	0.9	15
45	Late Pleistocene-Holocene history of a tectonically active segment of the continental margin (Nekor) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>	1.5	15
46	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.	0.9	15
47	Serreta 1998â€™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.	0.8	14
48	Quantitative characterisation of contourite deposits using medical CT. <i>Marine Geology</i> , 2019, 417, 106003.	0.9	12
49	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.	0.2	12
50	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. <i>Oceans</i> , 2021, 2, 393-428.	0.6	11
51	Inorganic geochemistry of surface sediments of the Ebro shelf and slope, northwestern Mediterranean. <i>Marine Geology</i> , 1990, 95, 225-245.	0.9	10
52	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.	0.9	10
53	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , 2019, , 61-103.	1.2	10
54	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.	1.0	9

#	ARTICLE	IF	CITATIONS
55	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean) Tj ETQq1 1 0.784314 rgBT /Overl	1.1	8
56	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.	1.3	8
57	Impact of sea-level rise on earthquake and landslide triggering offshore the Alentejo margin (SW) Tj ETQq1 1 0.784314 rgBT /Overl	0.5	8
58	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.	0.9	7
59	A Geological History for the Alboran Sea Region. , 2021, , 111-155.		5
60	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.	1.1	4
61	Deep Sea Sedimentation. , 2022, , 960-988.		3
62	Seafloor Morphology and Processes in the Alboran Sea. , 2021, , 157-205.		3
63	Late Pleistocene and Holocene Depositional Facies of the Almeria Channel (Alboran Sea, Western) Tj ETQq1 1 0.784314 rgBT /Overl		2
64	Reply to comments by Lastras et al. on "Recent mass-movement processes on the Ebro continental slope (NW Mediterranean)" Marine and Petroleum Geology, 2004, 21, 135-139.	1.5	1
65	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.	0.5	1
66	Sedimentological analyses to identify Centennial-scale climatic variability during the upper Holocene : A gravity core collected on the Apulia continental slope in the Gulf of Taranto. , 2018, , .		1
67	Andrés Maldonado López. <i>Scientia Marina</i> , 2012, 76, 633-636.	0.3	1
68	Dynamics of Sorted Bedforms on a Shallow Infralittoral Prograding Wedge Influenced by Dredging (El Masnou, NW Mediterranean). , 2017, , 135-141.		1