

G Ercilla

List of Publications by Year in descending order

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111
papers

3,400
citations

109137

35
h-index

182168

51
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113
all docs

113
docs citations

113
times ranked

2349
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas-charged sediments and large pockmark-like features on the Gulf of Cadiz slope (SW Spain). <i>Marine and Petroleum Geology</i> , 1996, 13, 253-261.	1.5	116
2	Contourite processes associated with the Mediterranean Outflow Water after its exit from the Strait of Gibraltar: Global and conceptual implications. <i>Geology</i> , 2014, 42, 227-230.	2.0	116
3	Sedimentary processes in the Selvage sediment-wave field, NE Atlantic: new insights into the formation of sediment waves by turbidity currents. <i>Sedimentology</i> , 2000, 47, 1181-1197.	1.6	114
4	Along-slope oceanographic processes and sedimentary products around the Iberian margin. <i>Geo-Marine Letters</i> , 2011, 31, 315-341.	0.5	106
5	Stratal architecture of Western Mediterranean Margins as the result of the stacking of Quaternary lowstand deposits below "glacio-eustatic fluctuation base-level"™. <i>Sedimentary Geology</i> , 1997, 112, 195-217.	1.0	95
6	The Le Danois Contourite Depositional System: Interactions between the Mediterranean Outflow Water and the upper Cantabrian slope (North Iberian margin). <i>Marine Geology</i> , 2010, 274, 1-20.	0.9	82
7	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
8	Mud volcanoes and gas hydrates in the Anaximander mountains (Eastern Mediterranean Sea). <i>Marine and Petroleum Geology</i> , 2009, 26, 854-872.	1.5	75
9	Structure of mud volcano systems and pockmarks in the region of the Ceuta Contourite Depositional System (Western Alboran Sea). <i>Marine Geology</i> , 2012, 332-334, 4-26.	0.9	73
10	History of mud diapirism and trigger mechanisms in the Western Alboran Sea. <i>Tectonophysics</i> , 1997, 282, 399-422.	0.9	71
11	Potential geologic hazards on the eastern Gulf of Cadiz slope (SW Spain). <i>Marine Geology</i> , 1999, 155, 191-215.	0.9	66
12	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
13	Oceanographic processes and morphosedimentary products along the Iberian margins: A new multidisciplinary approach. <i>Marine Geology</i> , 2016, 378, 127-156.	0.9	60
14	Sponge skeletons as an important sink of silicon in the global oceans. <i>Nature Geoscience</i> , 2019, 12, 815-822.	5.4	59
15	Textural characteristics and facies of sand-rich contourite depositional systems. <i>Sedimentology</i> , 2018, 65, 2223-2252.	1.6	55
16	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
17	Detection and mapping of cold-water coral mounds and living <i>Lophelia</i> reefs in the Galicia Bank, Atlantic NW Iberia margin. <i>Marine Geology</i> , 2014, 349, 73-90.	0.9	52
18	Turbidity current sediment waves on irregular slopes: observations from the Orinoco sediment "wave field. <i>Marine Geology</i> , 2002, 192, 171-187.	0.9	51

#	ARTICLE	IF	CITATIONS
19	Post-Calabrian sequence stratigraphy of the northwestern Alboran Sea (southwestern Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 74	0.9	50
20	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , 2008, 247, 61-83.	0.9	50
21	Sedimentary evolution of the northwestern Alboran Sea during the Quaternary. <i>Geo-Marine Letters</i> , 1992, 12, 144-149.	0.5	47
22	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
23	Cenozoic deformational structures on the Galicia Bank Region (NW Iberian continental margin). <i>Marine Geology</i> , 2008, 249, 128-149.	0.9	46
24	Pliocene-Quaternary contourites along the northern Gulf of Cadiz margin: sedimentary stacking pattern and regional distribution. <i>Geo-Marine Letters</i> , 2011, 31, 377-390.	0.5	46
25	High-resolution imagery of active faulting offshore Al Hoceima, Northern Morocco. <i>Tectonophysics</i> , 2014, 632, 160-166.	0.9	46
26	Pliocene-Quaternary tectonic-sedimentary evolution of the NE Alboran Sea (SW Mediterranean Sea). <i>Tectonophysics</i> , 1997, 282, 423-442.	0.9	44
27	Imaging the recent sediment dynamics of the Galicia Bank region (Atlantic, NW Iberian Peninsula). <i>Marine Geophysical Researches</i> , 2011, 32, 99-126.	0.5	44
28	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
29	Volcanic, tectonic and mass-wasting processes offshore Terceira Island (Azores) revealed by high-resolution seafloor mapping. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	43
30	Initiation and evolution of turbidity current sediment waves in the Magdalena turbidite system. <i>Marine Geology</i> , 2002, 192, 153-169.	0.9	42
31	Structure and geodynamic evolution of the Central Bransfield Basin (NW Antarctica) from seismic reflection data. <i>Marine Geology</i> , 1998, 149, 17-38.	0.9	41
32	Holocene depositional history of the Fluvial Muga prodelta, northwestern Mediterranean Sea. <i>Marine Geology</i> , 1993, 111, 83-92.	0.9	40
33	The Magdalena Turbidite System (Caribbean Sea): present-day morphology and architecture model. <i>Marine Geology</i> , 2002, 185, 303-318.	0.9	39
34	Pleistocene progradational growth pattern of the northern Catalonia continental shelf (northwestern Mediterranean). <i>Geo-Marine Letters</i> , 1994, 14, 264-271.	0.5	38
35	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
36	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

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37	High-resolution seismic stratigraphy of the Galicia Bank Region and neighbouring abyssal plains (NW Tj ETQq1 1 0,784314 rgBT /Ove	0,9	36
38	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
39	Acoustic evidences of gas in the continental slope sediments of the Gulf of Cadiz (E Atlantic). <i>Geo-Marine Letters</i> , 2003, 23, 300-310.	0.5	34
40	The Zanclean megaflood of the Mediterranean â€“ Searching for independent evidence. <i>Earth-Science Reviews</i> , 2020, 201, 103061.	4.0	34
41	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
42	Tectonic indentation in the central Alboran Sea (westernmost Mediterranean). <i>Terra Nova</i> , 2018, 30, 24-33.	0.9	32
43	Late Pleistocene-Holocene sedimentary evolution of the northern Catalonia continental shelf (northwestern Mediterranean Sea). <i>Continental Shelf Research</i> , 1995, 15, 1435-1451.	0.9	30
44	Quaternary sedimentation and origin of the Orinoco sedimentâ€“wave field on the Demerara continental rise (NE margin of South America). <i>Marine Geology</i> , 2002, 192, 189-214.	0.9	30
45	Recent mass-movement processes on the Ebro continental slope (NW Mediterranean). <i>Marine and Petroleum Geology</i> , 2003, 20, 445-457.	1.5	29
46	Bathy-morphological setting of Terceira Island (Azores) after the FAIVI cruise. <i>Journal of Maps</i> , 2013, 9, 590-595.	1.0	29
47	Seismic stratigraphy of the Central Bransfield Basin (NW Antarctic Peninsula): interpretation of deposits and sedimentary processes in a glacio-marine environment. <i>Marine Geology</i> , 1999, 157, 47-68.	0.9	28
48	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
49	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
50	Recent glacially influenced sedimentary processes on the East Greenland continental slope and deep Greenland Basin. <i>Quaternary Science Reviews</i> , 2012, 49, 64-81.	1.4	25
51	New high-resolution acoustic data from the 'braided system' of the Orinoco deep-sea fan. <i>Marine Geology</i> , 1998, 146, 243-250.	0.9	24
52	Origin, sedimentary processes and depositional evolution of the Agadir turbidite system, central eastern Atlantic. <i>Journal of the Geological Society</i> , 1998, 155, 929-939.	0.9	24
53	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , 2006, 53, 208-219.	2.3	24
54	The Baraza Slide: model and dynamics. <i>Marine Geophysical Researches</i> , 2011, 32, 245-256.	0.5	24

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55	Magnitude-frequency distribution of submarine landslides in the Gioia Basin (southern Tyrrhenian) Tj ETQq1 1 0.784314 rgBT/Overlock 0.5 24	0.5	24
56	Pockforms: an evaluation of pockmark-like seabed features on the Landes Plateau, Bay of Biscay. <i>Geo-Marine Letters</i> , 2010, 30, 207-219.	0.5	23
57	Geotechnical properties and preliminary assessment of sediment stability on the continental slope of the northwestern Alboran Sea. <i>Geo-Marine Letters</i> , 1992, 12, 150-156.	0.5	22
58	Deep-water Circulation: Processes & Products (16-18 June 2010, Baiona): introduction and future challenges. <i>Geo-Marine Letters</i> , 2011, 31, 285-300.	0.5	22
59	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.	1.3	22
60	The Ceuta Drift, Alboran Sea, southwestern Mediterranean. <i>Geological Society Memoir</i> , 2002, 22, 155-170.	0.9	21
61	Recent sedimentary processes in the Prestige site area (Galicia Bank, NW Iberian Margin) evidenced by high-resolution marine geophysical methods. <i>Marine Geology</i> , 2008, 249, 21-45.	0.9	20
62	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
63	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
64	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
65	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
66	Interaction of alongslope and downslope processes in the Alentejo Margin (SW Iberia) - Implications on slope stability. <i>Marine Geology</i> , 2019, 410, 88-108.	0.9	19
67	Contourites along the Iberian continental margins: conceptual and economic implications. <i>Geological Society Special Publication</i> , 2020, 476, 403-436.	0.8	19
68	Late Pleistocene and Holocene sedimentary facies on the SW Galicia Bank (Atlantic NW Iberian) Tj ETQq0 0 0 rgBT/Overlock 0.9 18 Tf 50 22	0.9	18
69	Crustal Structure and Continent-Ocean Boundary Along the Galicia Continental Margin (NW Iberia): Insights From Combined Gravity and Seismic Interpretation. <i>Tectonics</i> , 2018, 37, 1576-1604.	1.3	18
70	Deep-sea litter in the Gulf of Cadiz (Northeastern Atlantic, Spain). <i>Marine Pollution Bulletin</i> , 2020, 153, 110969.	2.3	18
71	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
72	Occurrence of pockmarks on the Ortegá Spur continental margin, Northwestern Iberian Peninsula. <i>Marine and Petroleum Geology</i> , 2010, 27, 1551-1564.	1.5	17

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73	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
74	Post-rift sedimentary evolution of the Gebra Debris Valley. A submarine slope failure system in the Central Bransfield Basin (Antarctica). <i>Marine Geology</i> , 2013, 340, 16-29.	0.9	16
75	Tsunamigenic submarine landslides along the Xauenâ€™TofiÃ±o banks in the Alboran Sea (Western) Tj ETQq1 1 0.784314 rgBT /Overl	1.0	16
76	Polyphase Tectonic Evolution of Foreâ€™Arc Basin Related to STEP Fault as Revealed by Seismic Reflection Data From the Alboran Sea (Wâ€™Mediterranean). <i>Tectonics</i> , 2020, 39, e2019TC005885.	1.3	16
77	Quaternary siliciclastic sequence stratigraphy of western Mediterranean passive and tectonically active margins: the role of global versus local controlling factors. <i>Geological Society Special Publication</i> , 1996, 117, 125-137.	0.8	15
78	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
79	Late Pleistocene-Holocene history of a tectonically active segment of the continental margin (Nekor) Tj ETQq1 1 0.784314 rgBT /Overl	1.5	15
80	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
81	Physical and Geotechnical Properties and Assessment of Sediment Stability on the Continental Slope and Basin of the Bransfield Basin (Antarctica Peninsula). <i>Marine Georesources and Geotechnology</i> , 2004, 22, 253-278.	1.2	14
82	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. <i>Marine Geology</i> , 2008, 249, 7-20.	0.9	14
83	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
84	The role of late Quaternary tectonic activity and sea-level changes on sedimentary processes interaction in the Gulf of Cadiz upper and middle continental slope (SW Iberia). <i>Marine and Petroleum Geology</i> , 2020, 121, 104595.	1.5	13
85	Gas hydrate disturbance fabrics of southern Hydrate Ridge sediments (ODP Leg 204): Relationship with texture and physical properties. <i>Geo-Marine Letters</i> , 2007, 27, 279-288.	0.5	12
86	A predictive numerical model for potential mapping of the gas hydrate stability zone in the Gulf of Cadiz. <i>Marine and Petroleum Geology</i> , 2009, 26, 1564-1579.	1.5	12
87	Chapter 11 The Iberian Mediterranean shelves. <i>Geological Society Memoir</i> , 2014, 41, 147-170.	0.9	12
88	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
89	Paleoceanographic and paleoclimatic variability in the Western Mediterranean during the last 25â€™cal. kyr BP. New insights from contourite drifts. <i>Marine Geology</i> , 2021, 437, 106488.	0.9	9
90	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean) Tj ETQq0 0 0 rgBT /Overl	1.1	10

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91	The Guadiaro-Bañados contourite drifts (SW Mediterranean). A geotechnical approach to stability analysis. <i>Marine Geology</i> , 2021, 437, 106505.	0.9	8
92	Physical properties and their relationship to sedimentary processes and texture in sediments from mud volcanoes in the Anaximander Mountains (Eastern Mediterranean). <i>Scientia Marina</i> , 2006, 70, 643-659.	0.3	8
93	Title is missing!. <i>Marine Geophysical Researches</i> , 1997, 19, 115-135.	0.5	7
94	Recent geological processes in the Central Bransfield Basin (Western Antarctic Peninsula). <i>Geological Society Special Publication</i> , 1998, 129, 205-216.	0.8	7
95	Geological characterization of the Galicia Bank Region (Atlantic Ocean, NW Iberia): The marine geology community's response to the Prestige disaster. <i>Marine Geology</i> , 2008, 249, 1-6.	0.9	7
96	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
97	Morphological features and associated bottom-current dynamics in the Le Danois Bank region (southern Bay of Biscay, NE Atlantic): A model in a topographically constrained small basin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019, 149, 103054.	0.6	7
98	Tsunami generation potential of a strike-slip fault tip in the westernmost Mediterranean. <i>Scientific Reports</i> , 2021, 11, 16253.	1.6	7
99	Distribution and origin of submarine landslides in the active margin of the southern Alboran Sea (Western Mediterranean Sea). <i>Marine Geology</i> , 2022, 445, 106739.	0.9	7
100	Geotechnical properties of near-surface sediments from the Northwestern Alboran Sea slope (SW) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Geotechnology, 1994, 12, 181-200.	1.2	5
101	An exploratory modelling study on sediment transport during the Zanclean flood of the Mediterranean. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	5
102	Data report: Textural and mineral composition of Cenozoic sedimentary facies off the Western Iberian Peninsula, Sites 897, 898, 899, and 900. , 0, , .		5
103	The Gebraâ€“Magia Complex: mass-transport processes reworking trough-mouth fans in the Central Bransfield Basin (Antarctica). <i>Geological Society Special Publication</i> , 2018, 461, 61-75.	0.8	4
104	Galicia Bank sediment transport activity in response to continuous sedimentary instability dynamics: a geotechnical perspective. <i>International Journal of Earth Sciences</i> , 2019, 108, 2545-2560.	0.9	4
105	Holocene morpho-stratigraphic evolution of a compound submarine deltaic system in front of the shelf-incising Almanzora and Garrucha Canyons (Palomares margin, southeastern Iberia). <i>Marine Geology</i> , 2022, 444, 106708.	0.9	4
106	Physical Properties and their Relationship to Texture and Consolidation Effects in Pliocene-Quaternary Sediments from Madeira Abyssal Plain. <i>Marine Georesources and Geotechnology</i> , 2006, 24, 265-286.	1.2	3
107	Submarine Mass Movement on the Ebro Slope. <i>Advances in Natural and Technological Hazards Research</i> , 2003, , 393-400.	1.1	3
108	Data Report: Grain-Size and Bulk and Clay Mineralogy of Sediments from the Summit and Flanks of Southern Hydrate Ridge, Sites 1244-1250, ODP Leg 204. , 0, , .		3

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109	Formation of Stanley Patch volcanic cone: New insights into the evolution of Deception Island caldera (Antarctica). Journal of Volcanology and Geothermal Research, 2021, 415, 107249.	0.8	2
110	OCEANOGRAPHIC MOWER CRUISE. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-5/W5, 223-230.	0.2	2
111	Oligocene to Recent Processes on the Agadir Continental Margin and Basin (Central Eastern Atlantic). , 2003, , 283-287.		0