

Ricardo LeÃ³n

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,329
citations

218381

26
h-index

205818

48
g-index

53
all docs

53
docs citations

53
times ranked

1980
citing authors

#	ARTICLE	IF	CITATIONS
1	Seabed morphology and hydrocarbon seepage in the Gulf of CÃ¡diz mud volcano area: Acoustic imagery, multibeam and ultra-high resolution seismic data. <i>Marine Geology</i> , 2003, 195, 153-176.	0.9	220
2	Vast fields of hydrocarbon-derived carbonate chimneys related to the accretionary wedge/olistostrome of the Gulf of CÃ¡diz. <i>Marine Geology</i> , 2003, 195, 177-200.	0.9	200
3	The contourite depositional system of the Gulf of CÃ¡diz: 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> , 2006, 53, 1420-1463.	0.6	198
4	Looking for clues to paleoceanographic imprints: A diagnosis of the Gulf of Cadiz contourite depositional systems. <i>Geology</i> , 2003, 31, 19.	2.0	153
5	Contourite erosive features caused by the Mediterranean Outflow Water in the Gulf of Cadiz: Quaternary tectonic and oceanographic implications. <i>Marine Geology</i> , 2009, 257, 24-40.	0.9	137
6	Diversity of nitrifying bacteria in full-scale chloraminated distribution systems. <i>Water Research</i> , 2003, 37, 197-205.	5.3	126
7	Tectonics and mud volcano development in the Gulf of CÃ¡diz. <i>Marine Geology</i> , 2009, 261, 48-63.	0.9	124
8	Sea-floor features related to hydrocarbon seeps in deepwater carbonate-mud mounds of the Gulf of CÃ¡diz: from mud flows to carbonate precipitates. <i>Geo-Marine Letters</i> , 2007, 27, 237-247.	0.5	91
9	Structure of mud volcano systems and pockmarks in the region of the Ceuta Contourite Depositional System (Western AlborÃ¡n Sea). <i>Marine Geology</i> , 2012, 332-334, 4-26.	0.9	73
10	Gas-related morphologies and diapirism in the Gulf of CÃ¡diz. <i>Geo-Marine Letters</i> , 2007, 27, 213-221.	0.5	66
11	Ferromanganese nodules and micro-hardgrounds associated with the Cadiz Contourite Channel (NE Tj ETQq1 1 0.784314 rgBT /Overlo 2012, 310-311, 56-78.	1.4	61
12	Phosphorites, CoÃ¡rich Mn nodules, and FeÃ¡Mn crusts from Galicia Bank, NE Atlantic: Reflections of Cenozoic tectonics and paleoceanography. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 346-374.	1.0	57
13	Hydrate occurrence in Europe: A review of available evidence. <i>Marine and Petroleum Geology</i> , 2020, 111, 735-764.	1.5	56
14	Pockmarks, collapses and blind valleys in the Gulf of CÃ¡diz. <i>Geo-Marine Letters</i> , 2010, 30, 231-247.	0.5	55
15	Classification of sea-floor features associated with methane seeps along the Gulf of CÃ¡diz continental margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006, 53, 1464-1481.	0.6	53
16	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
17	A consistent global approach for the morphometric characterization of subaqueous landslides. <i>Geological Society Special Publication</i> , 2019, 477, 455-477.	0.8	51
18	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

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19	New discoveries of mud volcanoes on the Moroccan Atlantic continental margin (Gulf of CÃ¡diz): morpho-structural characterization. <i>Geo-Marine Letters</i> , 2012, 32, 473-488.	0.5	43
20	Evolution of submarine eruptive activity during the 2011â€“2012 <sc>E</sc>I <sc>H</sc>ierro event as documented by hydroacoustic images and remotely operated vehicle observations. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 3109-3137.	1.0	40
21	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
22	Spatial and Temporal Distribution (1987-91) of ¹²⁵ Sb Used to Trace Pathways and Transit Times of Waters Entering the North Sea from the English Channel. <i>Estuarine, Coastal and Shelf Science</i> , 1994, 39, 59-74.	0.9	34
23	Pockmarks on either side of the Strait of Gibraltar: formation from overpressured shallow contourite gas reservoirs and internal wave action during the last glacial sea-level lowstand?. <i>Geo-Marine Letters</i> , 2014, 34, 131-151.	0.5	33
24	Multi-event oceanic island landslides: New onshore-offshore insights from El Hierro Island, Canary Archipelago. <i>Marine Geology</i> , 2017, 393, 156-175.	0.9	30
25	Percentage contribution of inputs from the Atlantic, Irish Sea, English Channel and Baltic into the North Sea during 1988: A tracer-based evaluation using artificial radionuclides. <i>Journal of Sea Research</i> , 1993, 31, 1-17.	1.0	27
26	Geomorphological features in the southern Canary Island Volcanic Province: The importance of volcanic processes and massive slope instabilities associated with seamounts. <i>Geomorphology</i> , 2016, 255, 125-139.	1.1	27
27	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , 2006, 53, 208-219.	2.3	24
28	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
29	Seafloor mounds, craters and depressions linked to seismic chimneys breaching fossilized diagenetic bottom simulating reflectors in the central and southern Scotia Sea, Antarctica. <i>Global and Planetary Change</i> , 2014, 123, 359-373.	1.6	20
30	Evidence of a modern deep water magmatic hydrothermal system in the Canary Basin (eastern central) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.0	20
31	Evidence of episodic long-lived eruptions in the Yuma, Ginsburg, JesÃ¡s Baraza and Tasyo mud volcanoes, Gulf of CÃ¡diz. <i>Geo-Marine Letters</i> , 2016, 36, 197-214.	0.5	18
32	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. <i>Marine Geology</i> , 2008, 249, 7-20.	0.9	14
33	Evidence from acoustic imaging for submarine volcanic activity in 2012 off the west coast of El Hierro (Canary Islands, Spain). <i>Bulletin of Volcanology</i> , 2014, 76, 1.	1.1	14
34	Shape and Size Complexity of Deep Seafloor Mounds on the Canary Basin (West to Canary Islands,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 (Switzerland), 2018, 8, 37.	1.0	14
35	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
36	GIS-based mapping for marine geohazards in seabed fluid leakage areas (Gulf of Cadiz, Spain). <i>Marine Geophysical Researches</i> , 2011, 32, 207-223.	0.5	12

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37	Sedimentary processes and cold-water coral mini-mounds at the Ferrol canyon head, NW Iberian margin. <i>Progress in Oceanography</i> , 2018, 169, 48-65.	1.5	11
38	Morphology and shallow structure of seafloor mounds in the Canary Basin (Eastern Central Atlantic) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.1	11
39	Morphostructure of the Galicia continental margin and adjacent deep ocean floor: From hyperextended rifted to convergent margin styles. <i>Marine Geology</i> , 2019, 407, 299-315.	0.9	9
40	The Interactive Role of Hydrocarbon Seeps, Hydrothermal Vents and Intermediate Antarctic/Mediterranean Water Masses on the Distribution of Some Vulnerable Deep-Sea Habitats in Mid Latitude NE Atlantic Ocean. <i>Oceans</i> , 2021, 2, 351-385.	0.6	8
41	GIS Catalogue of Submarine Landslides in the Spanish Continental Shelf: Potential and Difficulties for Susceptibility Assessment. <i>Advances in Natural and Technological Hazards Research</i> , 2016, , 499-508.	1.1	8
42	A new scenario for the mass transport deposits west Canary volcanic province. <i>Earth and Planetary Science Letters</i> , 2019, 509, 27-37.	1.8	6
43	Geological and tectonic controls on morphometrics of submarine landslides of the Spanish margins. <i>Geological Society Special Publication</i> , 2020, 500, 495-513.	0.8	6
44	Reply to comment from Blanco et al. (2015) on "Evidence from acoustic imaging for submarine volcanic activity in 2012 off the west coast of El Hierro (Canary Islands, Spain) by PÃ©rez et al. [<i>Bull. Volcanol.</i> (2014), 76:882-896]. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	1.1	5
45	Marine Gas Hydrate Geohazard Assessment on the European Continental Margins. The Impact of Critical Knowledge Gaps. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2865.	1.3	4
46	Submarine landslide catalogue onshore/offshore harmonization: Spain as a case study. <i>Geological Society Special Publication</i> , 2019, 477, 497-510.	0.8	2
47	Onshore and Offshore Geomorphological Features of the El Golfo Debris Avalanche (El Hierro,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5</i>	1.1	1
48	Oceanographic control of the submarine landslides of the northern Galicia Area (Bay of Biscay, NE) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	0.5	0
49	Tectonic control on sedimentary dynamics in intraplate oceanic settings: A geomorphological image of the eastern Canary Basin and insights on its middle-upper Miocene to quaternary volcano-tectonic-sedimentary evolution. <i>Marine Geology</i> , 2022, 445, 106737.	0.9	0