

Ricardo Len

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,941
citations

24
h-index

43
g-index

53
ext. papers

2,125
ext. citations

3.1
avg, IF

4.35
L-index

#	Paper	IF	Citations
50	Seabed morphology and hydrocarbon seepage in the Gulf of Cádiz mud volcano area: Acoustic imagery, multibeam and ultra-high resolution seismic data. <i>Marine Geology</i> , 2003 , 195, 153-176	3.3	189
49	Vast fields of hydrocarbon-derived carbonate chimneys related to the accretionary wedge/olistostrome of the Gulf of Cádiz. <i>Marine Geology</i> , 2003 , 195, 177-200	3.3	183
48	The contourite depositional system of the Gulf of Cádiz: 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	2.3	170
47	Looking for clues to paleoceanographic imprints: A diagnosis of the Gulf of Cadiz contourite depositional systems. <i>Geology</i> , 2003 , 31, 19	5	137
46	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	3.3	113
45	Tectonics and mud volcano development in the Gulf of Cádiz. <i>Marine Geology</i> , 2009 , 261, 48-63	3.3	105
44	Diversity of nitrifying bacteria in full-scale chloraminated distribution systems. <i>Water Research</i> , 2003 , 37, 197-205	12.5	105
43	Sea-floor features related to hydrocarbon seeps in deepwater carbonate-mud mounds of the Gulf of Cádiz: from mud flows to carbonate precipitates. <i>Geo-Marine Letters</i> , 2007 , 27, 237-247	1.9	79
42	Gas-related morphologies and diapirism in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2007 , 27, 213-221	1.9	58
41	Structure of mud volcano systems and pockmarks in the region of the Ceuta Contourite Depositional System (Western Alborán Sea). <i>Marine Geology</i> , 2012 , 332-334, 4-26	3.3	56
40	Ferromanganese nodules and micro-hardgrounds associated with the Cadiz Contourite Channel (NE Atlantic): Palaeoenvironmental records of fluid venting and bottom currents. <i>Chemical Geology</i> , 2012 , 310-311, 56-78	4.2	48
39	Classification of sea-floor features associated with methane seeps along the Gulf of Cádiz continental margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2006 , 53, 1464-1481	2.3	48
38	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	3.3	47
37	Pockmarks, collapses and blind valleys in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2010 , 30, 231-247	1.9	47
36	Imaging the recent sediment dynamics of the Galicia Bank region (Atlantic, NW Iberian Peninsula). <i>Marine Geophysical Researches</i> , 2011 , 32, 99-126	2.3	41
35	Phosphorites, Co-rich Mn nodules, and Fe-Mn crusts from Galicia Bank, NE Atlantic: Reflections of Cenozoic tectonics and paleoceanography. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 346-374	3.6	39
34	Hydrate occurrence in Europe: A review of available evidence. <i>Marine and Petroleum Geology</i> , 2020 , 111, 735-764	4.7	37

33	New discoveries of mud volcanoes on the Moroccan Atlantic continental margin (Gulf of Cádiz): morpho-structural characterization. <i>Geo-Marine Letters</i> , 2012 , 32, 473-488	1.9	36
32	A consistent global approach for the morphometric characterization of subaqueous landslides. <i>Geological Society Special Publication</i> , 2019 , 477, 455-477	1.7	33
31	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
30	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	2.9	30
29	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	1.9	25
28	Evolution of submarine eruptive activity during the 2011-2012 El Hierro event as documented by hydroacoustic images and remotely operated vehicle observations. <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 3109-3137	3.6	25
27	Multi-event oceanic island landslides: New onshore-offshore insights from El Hierro Island, Canary Archipelago. <i>Marine Geology</i> , 2017 , 393, 156-175	3.3	25
26	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , 2006 , 53, 208-19	6.7	23
25	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 , 125, 125-139	4.3	21
24	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		20
23	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	3.3	18
22	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	4.2	16
21	Evidence of episodic long-lived eruptions in the Yuma, Ginsburg, Jesús Baraza and Tasyo mud volcanoes, Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2016 , 36, 197-214	1.9	16
20	Evidence of a modern deep water magmatic hydrothermal system in the Canary Basin (eastern central Atlantic Ocean). <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 3138-3164	3.6	13
19	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. <i>Marine Geology</i> , 2008 , 249, 7-20	3.3	13
18	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	2.4	11
17	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	4.7	11
16	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	3.8	10

15	Shape and Size Complexity of Deep Seafloor Mounds on the Canary Basin (West to Canary Islands, Eastern Atlantic): A DEM-Based Geomorphometric Analysis of Domes and Volcanoes. <i>Geosciences (Switzerland)</i> , 2018 , 8, 37	2.7	10
14	Morphology and shallow structure of seafloor mounds in the Canary Basin (Eastern Central Atlantic Ocean). <i>Geomorphology</i> , 2018 , 313, 27-47	4.3	9
13	GIS-based mapping for marine geohazards in seabed fluid leakage areas (Gulf of Cadiz, Spain). <i>Marine Geophysical Researches</i> , 2011 , 32, 207-223	2.3	8
12	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	3.3	8
11	A new scenario for the mass transport deposits west Canary volcanic province. <i>Earth and Planetary Science Letters</i> , 2019 , 509, 27-37	5.3	6
10	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 Pñez et al. [Bull. Volcanol. (2014), 76:882896]. <i>Bulletin of Volcanology</i> , 2015 , 77, 1	2.4	5
9	Geological and tectonic controls on morphometrics of submarine landslides of the Spanish margins. <i>Geological Society Special Publication</i> , 2020 , 500, 495-513	1.7	4
8	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	1.3	4
7	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	1.8	3
6	Submarine landslide catalogue onshore/offshore harmonization: Spain as a case study. <i>Geological Society Special Publication</i> , 2019 , 477, 497-510	1.7	2
5	Marine Gas Hydrate Geohazard Assessment on the European Continental Margins. The Impact of Critical Knowledge Gaps. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2865	2.6	2
4	Onshore and Offshore Geomorphological Features of the El Golfo Debris Avalanche (El Hierro, Canary Islands). <i>Advances in Natural and Technological Hazards Research</i> , 2016 , 83-92	1.8	1
3	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
2	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	3.3	
1	Oceanographic control of the submarine landslides of the northern Galicia Area (Bay of Biscay, NE Atlantic). <i>Marine Geophysical Researches</i> , 2021 , 42, 1	2.3	