

Pinheiro L Pinheiro L M

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54
papers

2,392
citations

25
h-index

48
g-index

60
ext. papers

2,605
ext. citations

3.1
avg, IF

4.5
L-index

#	Paper	IF	Citations
54	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
53	Mud volcanism in the Gulf of Cadiz: results from the TTR-10 cruise. <i>Marine Geology</i> , 2003 , 195, 131-151	3.3	162
52	Microbial methane turnover at mud volcanoes of the Gulf of Cadiz. <i>Geochimica Et Cosmochimica Acta</i> , 2006 , 70, 5336-5355	5.5	160
51	Sources of mud volcano fluids in the Gulf of Cadiz: indications for hydrothermal imprint. <i>Geochimica Et Cosmochimica Acta</i> , 2007 , 71, 1232-1248	5.5	142
50	Tsunamiogenic-seismogenic structures, neotectonics, sedimentary processes and slope instability on the southwest Portuguese Margin. <i>Marine Geology</i> , 2003 , 195, 55-73	3.3	126
49	Formation processes of methane-derived authigenic carbonates from the Gulf of Cadiz. <i>Sedimentary Geology</i> , 2012 , 243-244, 155-168	2.8	112
48	Tectonics and mud volcano development in the Gulf of Cádiz. <i>Marine Geology</i> , 2009 , 261, 48-63	3.3	105
47	The El Arraiche mud volcano field at the Moroccan Atlantic slope, Gulf of Cadiz. <i>Marine Geology</i> , 2005 , 219, 1-17	3.3	104
46	The ocean-continent boundary off the western continental margin of Iberia-II. Crustal structure in the Tagus Abyssal Plain. <i>Geophysical Journal International</i> , 1992 , 109, 106-124	2.6	103
45	Thin crust at the western Iberia Ocean-Continent transition and ophiolites. <i>Tectonics</i> , 1993 , 12, 1230-1239	4.3	97
44	Morphotectonics and strain partitioning at the Iberia-Africa plate boundary from multibeam and seismic reflection data. <i>Marine Geology</i> , 2009 , 267, 156-174	3.3	95
43	Water Column Seismic Images as Maps of Temperature Gradient. <i>Oceanography</i> , 2009 , 22, 192-205	2.3	89
42	Mesozoic-Cenozoic evolution of North Atlantic continental-slope basins: The Peniche basin, western Iberian margin. <i>AAPG Bulletin</i> , 2006 , 90, 31-60	2.5	86
41	Mud volcano gas hydrates in the Gulf of Cadiz. <i>Terra Nova</i> , 2002 , 14, 321-329	3	65
40	Tectonic expression of an active slab tear from high-resolution seismic and bathymetric data offshore Sicily (Ionian Sea). <i>Tectonics</i> , 2016 , 35, 39-54	4.3	61
39	Morphology of the Faial Island shelf (Azores): The interplay between volcanic, erosional, depositional, tectonic and mass-wasting processes. <i>Geochemistry, Geophysics, Geosystems</i> , 2012 , 13, n/a-n/a	3.6	59
38	Neotectonics of the SW Iberia margin, Gulf of Cadiz and Alboran Sea: a reassessment including recent structural, seismic and geodetic data. <i>Geophysical Journal International</i> , 2012 , 188, 850-872	2.6	51

37	Compressional deformation at the ocean-continent transition in the NE Atlantic. <i>Journal of the Geological Society</i> , 1994 , 151, 607-613	2.7	47
36	Detailed 2-D imaging of the Mediterranean outflow and meddies off W Iberia from multichannel seismic data. <i>Journal of Marine Systems</i> , 2010 , 79, 89-100	2.7	46
35	Morphologies, classification and genesis of pockmarks, mud volcanoes and associated fluid escape features in the northern Zhongjiannan Basin, South China Sea. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2015 , 122, 106-117	2.3	38
34	Hydrocarbon-derived ferromanganese nodules in carbonate-mud mounds from the Gulf of Cadiz: Mud-breccia sediments and clasts as nucleation sites. <i>Marine Geology</i> , 2009 , 261, 64-81	3.3	38
33	Crescent-shaped morphotectonic features in the Gulf of Cadiz (offshore SW Iberia). <i>Marine Geology</i> , 2010 , 271, 236-249	3.3	37
32	Origin of light volatile hydrocarbon gases in mud volcano fluids, Gulf of Cadiz [Evidence for multiple sources and transport mechanisms in active sedimentary wedges. <i>Chemical Geology</i> , 2009 , 266, 350-363	4.2	35
31	Growth and demise of cold-water coral ecosystems on mud volcanoes in the West Alboran Sea: The messages from the planktonic and benthic foraminifera. <i>Marine Geology</i> , 2011 , 282, 26-39	3.3	29
30	Extensional tectonics in the Gorringe Bank rocks, Eastern Atlantic ocean: evidence of an oceanic ultra-slow mantellic accreting centre. <i>Terra Nova</i> , 1998 , 10, 330-336	3	29
29	First record of a Vestimentifera (Polychaeta: Siboglinidae) from chemosynthetic habitats in the western Mediterranean Sea[Biogeographical implications and future exploration. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2011 , 58, 200-207	2.5	20
28	Seismic and gravity anomaly evidence of large-scale compressional deformation off SW Portugal. <i>Earth and Planetary Science Letters</i> , 2010 , 293, 171-179	5.3	19
27	Meddy, spiral arms, and mixing mechanisms viewed by seismic imaging in the Tagus Abyssal Plain (SW Iberia). <i>Journal of Marine Research</i> , 2011 , 69, 827-842	1.5	19
26	Sedimentary sources of the mud-breccia and mud volcanic activity in the Western Alboran Basin. <i>Marine Geology</i> , 2013 , 339, 83-95	3.3	18
25	Calcium isotope fractionation and its controlling factors over authigenic carbonates in the cold seeps of the northern South China Sea. <i>Science Bulletin</i> , 2012 , 57, 1325-1332		18
24	High-resolution seismic imaging of gas accumulations and seepage in the sediments of the Ria de Aveiro barrier lagoon (Portugal). <i>Geo-Marine Letters</i> , 2007 , 27, 115-126	1.9	18
23	Tracing the composition, fluid source and formation conditions of the methane-derived authigenic carbonates in the Gulf of Cadiz with rare earth elements and stable isotopes. <i>Marine and Petroleum Geology</i> , 2015 , 68, 192-205	4.7	17
22	Analysis of ocean internal waves imaged by multichannel reflection seismics, using ensemble empirical mode decomposition. <i>Journal of Geophysics and Engineering</i> , 2012 , 9, 302-311	1.3	17
21	Factors influencing methane-derived authigenic carbonate formation at cold seep from southwestern Dongsha area in the northern South China Sea. <i>Environmental Earth Sciences</i> , 2014 , 71, 2087-2094	2.9	16
20	Vertical distribution of major, minor and trace elements in sediments from mud volcanoes of the Gulf of Cadiz: evidence of Cd, As and Ba fronts in upper layers. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2018 , 131, 133-143	2.5	14

19	Geological and oceanographic controls on seabed fluid escape structures in the northern Zhongjiannan Basin, South China Sea. <i>Journal of Asian Earth Sciences</i> , 2018 , 168, 38-47	2.8	14
18	Shallow Microbial Recycling of Deep-Sourced Carbon in Gulf of Cadiz Mud Volcanoes. <i>Geomicrobiology Journal</i> , 2008 , 25, 283-295	2.5	14
17	Environmental representativity in marine protected area networks over large and partly unexplored seascapes. <i>Global Ecology and Conservation</i> , 2019 , 17, e00545	2.8	8
16	Imaging, mapping and modelling continental lithosphere extension and breakup: an introduction. <i>Geological Society Special Publication</i> , 2007 , 282, 1-8	1.7	8
15	The seismic velocity structure of some NE Atlantic continental rise sediments; a lithification index?. <i>Geophysical Journal International</i> , 1990 , 101, 367-378	2.6	8
14	Identification and characterization of fluid escape structures (pockmarks) in the Estremadura Spur, West Iberian Margin. <i>Marine and Petroleum Geology</i> , 2017 , 82, 414-423	4.7	7
13	Rare earth elements in mud volcano sediments from the Gulf of Cadiz, South Iberian Peninsula. <i>Science of the Total Environment</i> , 2019 , 652, 869-879	10.2	7
12	Geostatistical Inversion of Seismic Oceanography Data for Ocean Salinity and Temperature Models. <i>Mathematical Geosciences</i> , 2018 , 50, 477-489	2.5	6
11	The Alpine Orogeny in the West and Southwest Iberia Margins. <i>Regional Geology Reviews</i> , 2019 , 487-505	2.5	6
10	Modelling and detection of submarine bubble plumes using seismic oceanography. <i>Journal of Marine Systems</i> , 2020 , 209, 103375	2.7	6
9	Morphodynamic evolution of a sand extraction excavation offshore Vale do Lobo, Algarve, Portugal. <i>Coastal Engineering</i> , 2014 , 88, 75-87	4.8	5
8	Total mercury in sediments from mud volcanoes in Gulf of Cadiz. <i>Marine Pollution Bulletin</i> , 2007 , 54, 1530-44	3.4	5
7	Effects of oceanographic changes on controlling the stability of gas hydrates and the formation of authigenic carbonates at mud volcanoes and seepage sites on the Iberian margin of the Gulf of Cadiz. <i>Marine Geology</i> , 2019 , 412, 69-80	3.3	3
6	Geostatistical Data Integration Model for Contamination Assessment. <i>Mathematical Geosciences</i> , 2013 , 45, 575-590	2.5	3
5	Accurate Ocean Bottom Seismometer Positioning Method Inspired by Multilateration Technique. <i>Mathematical Geosciences</i> , 2018 , 50, 569-584	2.5	1
4	Assessing the Spatial and Temporal Volumes of Siltation with a Historical Approach: Application in Nador Harbor (Morocco). <i>Thalassas</i> , 2016 , 32, 51-64	0.9	1
3	Accurate Ocean-Bottom Seismometers positioning using Multilateration technique 2015 ,		1
2	Premiers rsultats des plonges du Nautille sur le banc de Gorringe (Ouest Portugal). <i>Comptes Rendus De L'Acadmie Des Sciences Earth & Planetary Sciences Serie II, Sciences De La Terre Et Des Plantes</i> , 1998 , 326, 247-254		1

1	Progress and prospects of seismic oceanography. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021 , 177, 103631	2.5	1
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