

DesirÃ©e Palomino

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

570
citations

687220

13
h-index

642610

23
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36
all docs

36
docs citations

36
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Multidisciplinary study of mud volcanoes and diapirs and their relationship to seepages and bottom currents in the Gulf of Cádiz continental slope (northeastern sector). <i>Marine Geology</i> , 2016, 378, 196-212.	0.9	48
3	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
4	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
5	Evolution of submarine eruptive activity during the 2011–2012 HIERRO event as documented by hydroacoustic images and remotely operated vehicle observations. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 3109-3137.	1.0	40
6	From chemosynthesis-based communities to cold-water corals: Vulnerable deep-sea habitats of the Gulf of Cádiz. <i>Marine Biodiversity</i> , 2016, 46, 473-482.	0.3	31
7	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
8	Seabed mapping for selecting cold-water coral protection areas on Hatton Bank, Northeast Atlantic. <i>ICES Journal of Marine Science</i> , 2009, 66, 2013-2025.	1.2	26
9	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
10	Evidence of a modern deep water magmatic hydrothermal system in the Canary Basin (eastern central) <i>Tectonics</i> , 2018, 37, 2513-2530.	1.0	20
11	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
12	Shape and Size Complexity of Deep Seafloor Mounds on the Canary Basin (West to Canary Islands, Switzerland), 2018, 8, 37.	1.0	14
13	Cyclic Behavior Associated with the Degassing Process at the Shallow Submarine Volcano Tagoro, Canary Islands, Spain. <i>Geosciences (Switzerland)</i> , 2018, 8, 457.	1.0	13
14	First Macro-Colonizers and Survivors Around Tagoro Submarine Volcano, Canary Islands, Spain. <i>Geosciences (Switzerland)</i> , 2019, 9, 52.	1.0	13
15	Multiprocess interaction shaping geoforms and controlling substrate types and benthic community distribution in the Gulf of Cádiz. <i>Marine Geology</i> , 2020, 423, 106139.	0.9	13
16	Morphology and shallow structure of seafloor mounds in the Canary Basin (Eastern Central Atlantic) <i>Tectonics</i> , 2018, 37, 2513-2530.	1.1	11
17	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. <i>Oceans</i> , 2021, 2, 393-428.	0.6	11
18	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

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19	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
20	Deep-sea habitat characterization using acoustic data and underwater imagery in Gazul mud volcano (Gulf of Cádiz, NE Atlantic). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 169, 103458.	0.6	8
21	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
22	The Guadiaro-Baños contourite drifts (SW Mediterranean). A geotechnical approach to stability analysis. <i>Marine Geology</i> , 2021, 437, 106505.	0.9	8
23	Recovery Signals of Rhodoliths Beds since Bottom Trawling Ban in the SCI Menorca Channel (Western) <i>Tj ETQq1 1 0,784314 JgBT /Over</i>	0.7	8
24	Improving Scientific Knowledge of Mallorca Channel Seamounts (Western Mediterranean) within the Framework of Natura 2000 Network. <i>Diversity</i> , 2022, 14, 4.	0.7	8
25	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
26	Geomorphic features, main habitats and associated biota on and around the newly formed Tagoro submarine volcano, Canary Islands. , 2020, , 835-846.		5
27	A Geological History for the Alboran Sea Region. , 2021, , 111-155.		5
28	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
29	Deep Sea Sedimentation. , 2022, , 960-988.		3
30	Seafloor Morphology and Processes in the Alboran Sea. , 2021, , 157-205.		3
31	Discovering the Fine-Scale Morphology of the Gulf of Cádiz: An Underwater Imaging Analysis. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 651.	1.2	3
32	A relict oasis of living deep-sea mussels <i>Bathymodiolus</i> and microbial-mediated seep carbonates at newly-discovered active cold seeps in the Gulf of Cádiz, NE Atlantic Ocean. <i>Palaontologische Zeitschrift</i> , 2021, 95, 793-807.	0.8	2
33	24 Cold-Water Corals in Fluid Venting Submarine Structures. <i>Coral Reefs of the World</i> , 2019, , 261-263.	0.3	1
34	Habitat distribution and associated biota in different geomorphic features within a fluid venting area of the Gulf of Cádiz (Southwestern Iberian Peninsula, Northeast Atlantic Ocean). , 2020, , 847-861.		0
35	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