

Teresa Medialdea

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

2,393
citations

201575

27
h-index

206029

48
g-index

65
all docs

65
docs citations

65
times ranked

1774
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.9	220
2	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.	0.9	200
3	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.	0.6	198
4	Structure and evolution of the "Olistostrome" complex of the Gibraltar Arc in the Gulf of Cádiz (eastern Central Atlantic): evidence from two long seismic cross-sections. <i>Marine Geology</i> , 2004, 209, 173-198.	0.9	174
5	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
6	Tectonics and mud volcano development in the Gulf of Cádiz. <i>Marine Geology</i> , 2009, 261, 48-63.	0.9	124
7	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.	0.5	91
8	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.	0.9	73
9	Gas-related morphologies and diapirism in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2007, 27, 213-221.	0.5	66
10	Ferromanganese nodules and micro-hardgrounds associated with the Cadiz Contourite Channel (NE Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2012, 310-311, 56-78.	1.4	61
11	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.	1.0	57
12	Pockmarks, collapses and blind valleys in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2010, 30, 231-247.	0.5	55
13	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.	0.6	53
14	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
15	Large-scale slope failure involving Triassic and Middle Miocene salt and shale in the Gulf of Cadiz (Atlantic Iberian Margin). <i>Terra Nova</i> , 2003, 15, 380-391.	0.9	48
16	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
17	Cenozoic deformational structures on the Galicia Bank Region (NW Iberian continental margin). <i>Marine Geology</i> , 2008, 249, 128-149.	0.9	46
18	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

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19	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
20	High-Resolution Analysis of Critical Minerals and Elements in Fe-Mn Crusts from the Canary Island Seamount Province (Atlantic Ocean). <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 285.	0.8	44
21	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.	0.5	43
22	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.	1.0	40
23	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
24	Hydrogenetic, Diagenetic and Hydrothermal Processes Forming Ferromanganese Crusts in the Canary Island Seamounts and Their Influence in the Metal Recovery Rate with Hydrometallurgical Methods. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 439.	0.8	35
25	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
26	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
27	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
28	Low-temperature, shallow-water hydrothermal vent mineralization following the recent submarine eruption of Tagoro volcano (El Hierro, Canary Islands). <i>Marine Geology</i> , 2020, 430, 106333.	0.9	24
29	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
30	Mass transport processes in the southern Scotia Sea: Evidence of paleoearthquakes. <i>Global and Planetary Change</i> , 2014, 123, 374-391.	1.6	20
31	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
32	Evidence of a modern deep water magmatic hydrothermal system in the Canary Basin (eastern central) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.0	20
33	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.	0.5	18
34	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
35	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. <i>Marine Geology</i> , 2008, 249, 7-20.	0.9	14
36	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

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37	Shape and Size Complexity of Deep Seafloor Mounds on the Canary Basin (West to Canary Islands,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 (Switzerland), 2018, 8, 37.	1.0	14
38	The Alpine Orogeny in the West and Southwest Iberia Margins. Regional Geology Reviews, 2019, , 487-505.	1.2	13
39	Cold-water corals and hydrocarbon-rich seepage in Pompeia Province (Gulf of Cádiz) â€œ living on the edge. Biogeosciences, 2019, 16, 1607-1627.	1.3	12
40	Morphology and shallow structure of seafloor mounds in the Canary Basin (Eastern Central Atlantic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	11
41	Siboglinidae Tubes as an Additional Niche for Microbial Communities in the Gulf of Cádizâ€”A Microscopical Appraisal. Microorganisms, 2020, 8, 367.	1.6	10
42	Submarine Active Faults and Morpho-Tectonics Around the Iberian Margins: Seismic and Tsunamis Hazards. Frontiers in Earth Science, 2021, 9, .	0.8	10
43	Morphostructure of the Galicia continental margin and adjacent deep ocean floor: From hyperextended rifted to convergent margin styles. Marine Geology, 2019, 407, 299-315.	0.9	9
44	Multidisciplinary Scientific Cruise to the Northern Mid-Atlantic Ridge and Azores Archipelago. Frontiers in Marine Science, 2020, 7, .	1.2	8
45	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. Oceans, 2021, 2, 351-385.	0.6	8
46	GIS Catalogue of Submarine Landslides in the Spanish Continental Shelf: Potential and Difficulties for Susceptibility Assessment. Advances in Natural and Technological Hazards Research, 2016, , 499-508.	1.1	8
47	A new scenario for the mass transport deposits west Canary volcanic province. Earth and Planetary Science Letters, 2019, 509, 27-37.	1.8	6
48	Integrated thematic geological mapping of the Atlantic Margin of Iberia. Geological Society Special Publication, 2022, 505, 97-115.	0.8	6
49	Reply to comment from Blanco et al. (2015) on â€œEvidence from acoustic imaging for submarine volcanic activity in 2012 off the west coast of El Hierro (Canary Islands, Spain) by PÃ©rez et al. [Bull. Volcanol. (2014), 76:882â€”896]. Bulletin of Volcanology, 2015, 77, 1.	1.1	5
50	High-resolution multibeam bathymetry of the northern Mid-Atlantic Ridge at 45â€”46Â° N: the Moytirra hydrothermal field. Journal of Maps, 2021, 17, 184-196.	1.0	4
51	Giant mass-transport deposits in the southern Scotia Sea (Antarctica). Geological Society Special Publication, 2019, 477, 195-205.	0.8	3
52	FE-RICH MINERALIZED MICROBES FROM HYDROTHERMAL VENTS AT TAGORO SUBMARINE VOLCANO, EL HIERRO ISLAND (CENTRAL EAST ATLANTIC)., 2017, , .		2
53	A relict oasis of living deep-sea mussels Bathymodiolus and microbial-mediated seep carbonates at newly-discovered active cold seeps in the Gulf of Cádiz, NE Atlantic Ocean. Palaontologische Zeitschrift, 2021, 95, 793-807.	0.8	2
54	Onshore and Offshore Geomorphological Features of the El Golfo Debris Avalanche (El Hierro,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.1	11