

Adolfo Maestro

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67
papers

1,998
citations

21
h-index

44
g-index

69
ext. papers

2,140
ext. citations

3.1
avg, IF

4.33
L-index

#	Paper	IF	Citations
67	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
66	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
65	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
64	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	3.3	155
63	Looking for clues to paleoceanographic imprints: A diagnosis of the Gulf of Cadiz contourite depositional systems. <i>Geology</i> , 2003 , 31, 19	5	137
62	Architectural stacking patterns of the Ebro delta controlled by Holocene high-frequency eustatic fluctuations, delta-lobe switching and subsidence processes. <i>Sedimentary Geology</i> , 1998 , 117, 11-32	2.8	115
61	Seismic stacking pattern of the Faro-Albufeira contourite system (Gulf of Cadiz): a Quaternary record of paleoceanographic and tectonic influences. <i>Marine Geophysical Researches</i> , 2001 , 22, 487-508	2.3	106
60	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
59	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
58	Active tectonics, fault patterns, and stress field of Deception Island: A response to oblique convergence between the Pacific and Antarctic plates. <i>Journal of South American Earth Sciences</i> , 2007 , 23, 256-268	2	45
57	LINDENS: A program for lineament length and density analysis. <i>Computers and Geosciences</i> , 2000 , 26, 1011-1022	4.5	45
56	Large-scale slope failure involving Triassic and Middle Miocene salt and shale in the Gulf of Cádiz (Atlantic Iberian Margin). <i>Terra Nova</i> , 2003 , 15, 380-391	3	44
55	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , 2008 , 247, 61-83	3.3	42
54	An early Aurignacian arrival in southwestern Europe. <i>Nature Ecology and Evolution</i> , 2019 , 3, 207-212	12.3	41
53	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
52	Cenozoic deformational structures on the Galicia Bank Region (NW Iberian continental margin). <i>Marine Geology</i> , 2008 , 249, 128-149	3.3	41
51	Evidence for hydrothermal venting and sediment volcanism discharged after recent short-lived volcanic eruptions at Deception Island, Bransfield Strait, Antarctica. <i>Marine Geology</i> , 2004 , 203, 119-140	3.3	40

50	Reconstructions of the Mediterranean Outflow Water during the quaternary based on the study of changes in buried mounded drift stacking pattern in the Gulf of Cadiz. <i>Marine Geophysical Researches</i> , 2007 , 28, 379-394	2.3	38
49	Intraplate deformation and basin formation during the Tertiary within the northern Iberian plate: Origin and evolution of the Almaz Basin. <i>Tectonics</i> , 2000 , 19, 258-289	4.3	33
48	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
47	Updated Bouguer anomalies of the Iberian Peninsula: a new perspective to interpret the regional geology. <i>Journal of Maps</i> , 2016 , 12, 1089-1092	2.2	28
46	Insights into deglaciation of the largest ice-free area in the South Shetland Islands (Antarctica) from quantitative analysis of the drainage system. <i>Geomorphology</i> , 2014 , 225, 4-24	4.3	20
45	Geometry and structure associated to gas-charged sediments and recent growth faults in the Ebro Delta (Spain). <i>Marine Geology</i> , 2002 , 186, 351-368	3.3	20
44	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
43	Stress perturbations registered by jointing near strike-slip, normal, and reverse faults: Examples from the Ebro Basin, Spain. <i>Journal of Geophysical Research</i> , 1999 , 104, 15141-15153		18
42	Occurrence of whale barnacles in Nerja Cave (Mlaga, southern Spain): Indirect evidence of whale consumption by humans in the Upper Magdalenian. <i>Quaternary International</i> , 2014 , 337, 163-169	2	17
41	Geomorphology of the Iberian Continental Margin. <i>Geomorphology</i> , 2013 , 196, 13-35	4.3	15
40	The last major earthquakes along the Magallanes-Bagnano fault system recorded by disturbed trees (Tierra del Fuego, South America). <i>Terra Nova</i> , 2014 , 26, 448-453	3	14
39	Occurrence of pockmarks on the Ortegl Spur continental margin, Northwestern Iberian Peninsula. <i>Marine and Petroleum Geology</i> , 2010 , 27, 1551-1564	4.7	14
38	Sequential limb rotation and kink-band migration recorded by growth strata, Almaz Basin, North Spain. <i>Sedimentary Geology</i> , 2002 , 146, 25-45	2.8	14
37	Morphological and geological features of Drake Passage, Antarctica, from a new digital bathymetric model. <i>Journal of Maps</i> , 2019 , 15, 49-59	2.2	14
36	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. <i>Marine Geology</i> , 2008 , 249, 7-20	3.3	13
35	The role of tectonic inheritance in the development of recent fracture systems, Duero Basin, Spain. <i>International Journal of Remote Sensing</i> , 2003 , 24, 4325-4345	3.1	13
34	Paleomagnetism from Deception Island (South Shetlands archipelago, Antarctica), new insights into the interpretation of the volcanic evolution using a geomagnetic model. <i>International Journal of Earth Sciences</i> , 2016 , 105, 1353-1370	2.2	13
33	Lineaments and fracturing in the Neogene rocks of the Almaz Basin, northern Spain. <i>Geological Magazine</i> , 1998 , 135, 255-268	2	12

32	Geomorphological and sedimentary processes of the glacially influenced northwestern Iberian continental margin and abyssal plains. <i>Geomorphology</i> , 2018 , 312, 60-85	4.3	11
31	Shellfish collection on the westernmost Mediterranean, Bajondillo cave (~160-35 cal kyr BP): A case of behavioral convergence?. <i>Quaternary Science Reviews</i> , 2019 , 217, 284-296	3.9	10
30	Chapter 7.1 Deception Island. <i>Geological Society Memoir</i> , 2021 , 55, 667-693	0.4	10
29	Geomorphological mapping of ice-free areas using polarimetric RADARSAT-2 data on Fildes Peninsula and Ardley Island, Antarctica. <i>Geomorphology</i> , 2017 , 293, 448-459	4.3	9
28	The role of basement inheritance faults in the recent fracture system of the inner shelf around Alboran Island, Western Mediterranean. <i>Geo-Marine Letters</i> , 2008 , 28, 53-64	1.9	9
27	Breaking the waves: Human use of marine bivalves in a microtidal range coast during the Upper Pleistocene and the Early Holocene, VestBulo chamber, Nerja Cave (Málaga, southern Spain). <i>Quaternary International</i> , 2016 , 407, 59-79	2	8
26	Evolution of the stress field in the southern Scotia Arc from the late Mesozoic to the present-day. <i>Global and Planetary Change</i> , 2014 , 123, 269-297	4.2	7
25	Allochthonous Blocks as Hydrocarbon Traps in the Gulf of Cadiz 1999 ,		6
24	Stress Field Evolution of the Southernmost Andean Cordillera From Paleostress Analysis (Argentine Tierra del Fuego). <i>Tectonics</i> , 2019 , 38, 7-25	4.3	6
23	Bouguer anomalies of the NW Iberian continental margin and the adjacent abyssal plains. <i>Journal of Maps</i> , 2019 , 15, 635-641	2.2	5
22	The role of tectonic inheritance in the morphostructural evolution of the Galicia continental margin and adjacent abyssal plains from digital bathymetric model (DBM) analysis (NW Spain). <i>International Journal of Earth Sciences</i> , 2018 , 107, 1267-1286	2.2	5
21	Echo-character of the NW Iberian continental margin and the adjacent abyssal plains. <i>Journal of Maps</i> , 2018 , 14, 56-67	2.2	5
20	Geomorphological mapping in the Antarctic Peninsula region applying single and multipolarization RADARSAT-2 data. <i>Canadian Journal of Remote Sensing</i> , 2012 , 38, 367-382	1.8	5
19	Application of AMS for reconstruction of the geological evolution of recent volcanic systems: Case of Deception Island (South Shetland Islands, Antarctica). <i>Tectonophysics</i> , 2014 , 626, 69-85	3.1	4
18	Mesozoic to recent evolution of intraplate stress fields under multiple remote stresses: The case of Signy Island (South Orkney Microcontinent, Antarctica). <i>Geological Society Special Publication</i> , 2013 , 381, 45-65	1.7	4
17	Potential Pressure Compartments Sub-Salt in the Gulf of Mexico and Beneath Massive Debris Flows in the Gulf of Cadiz 1999 , 23-30		4
16	Recent deformational state from morphological analysis of mud volcanoes in the Gulf of Cadiz (southwestern part of the Iberian Atlantic Margin). <i>Journal of Geodynamics</i> , 2019 , 132, 101653	2.2	3
15	Mantle flow and deep electrical anisotropy in a main gateway: MT study in Tierra del Fuego. <i>Scientific Reports</i> , 2019 , 9, 7148	4.9	3

14	Palaeoenvironmental and chronological context of human occupations at El Cierro cave (Northern Spain) during the transition from the late Upper Pleistocene to the early Holocene. <i>Journal of Archaeological Science: Reports</i> , 2020 , 29, 102138	0.7	3
13	Morphostructural analysis and Cenozoic evolution of Elephant Island, Southern Scotia Arc, Antarctica. <i>International Journal of Earth Sciences</i> , 2015 , 104, 833-851	2.2	2
12	Cause of the rupture and distribution of broken submarine carbonate chimneys in the Gulf of Cádiz (southwestern Spain). <i>Quaternary International</i> , 2011 , 242, 240-253	2	2
11	Cenozoic stress field in the southwestern Antarctic Peninsula from brittle mesostructures in Wright Peninsula, Adelaide Island. <i>Polish Polar Research</i> , 2011 , 32, 39-58		2
10	Geodynamic implications of the Cenozoic stress field on Seymour Island, West Antarctica. <i>Antarctic Science</i> , 2008 , 20, 173-184	1.7	2
9	Echo-character distribution in the Cantabrian Margin and the Biscay Abyssal Plain. <i>Journal of Maps</i> , 2021 , 17, 533-542	2.2	2
8	Reply to 'Dating on its own cannot resolve hominin occupation patterns' and 'No reliable evidence for a very early Aurignacian in Southern Iberia'. <i>Nature Ecology and Evolution</i> , 2019 , 3, 714-715	12.3	1
7	At the edge of the Cantabrian sea. New data on the Pleistocene and Holocene archaeological open-air site of Bañugues (Gozón, Asturias, Spain): Palaeogeography, geoarchaeology and geochronology. <i>Quaternary International</i> , 2020 , 566-567, 284-302	2	1
6	Superposed deformation in the Península Mitre recess (Fuegian thrust-fold belt, Southern Argentina), and implications for orogenic curve kinematics. <i>Journal of Structural Geology</i> , 2020 , 131, 103947	3.47	1
5	Elephant Island Recent Tectonics in the Framework of the Scotia-Antarctic-South Shetland Block Triple Junction (NE Antarctic Peninsula) 2006 , 271-276		1
4	Tectonics and Geomorphology of Elephant Island, South Shetland Islands 2006 , 277-281		1
3	Magnetic anomalies of the NW Iberian continental margin and the adjacent abyssal plains. <i>Journal of Maps</i> , 2020 , 16, 680-688	2.2	
2	Magnetic fabric from Quaternary volcanic edifices in the extensional Bransfield Basin: internal structure of Penguin and Bridgeman islands (South Shetlands archipelago, Antarctica). <i>Geophysical Journal International</i> , 2021 , 226, 1368-1389	2.6	
1	Maritime-oriented foragers during the Late Pleistocene on the eastern costa del sol (Southeast Iberia): Cueva Victoria (Málaga, Spain). <i>Heliyon</i> , 2022 , 8, e09548	3.6	