

Adolfo Maestro

List of Publications by Year in descending order

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66
papers

2,333
citations

279487

23
h-index

214527

47
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69
all docs

69
docs citations

69
times ranked

2417
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	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.	1.0	123
7	Title is missing!. <i>Marine Geophysical Researches</i> , 2001, 22, 487-508.	0.5	113
8	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
9	LINDENS: A program for lineament length and density analysis. <i>Computers and Geosciences</i> , 2000, 26, 1011-1022.	2.0	55
10	An early Aurignacian arrival in southwestern Europe. <i>Nature Ecology and Evolution</i> , 2019, 3, 207-212.	3.4	55
11	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.	0.9	54
12	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
13	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , 2008, 247, 61-83.	0.9	50
14	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
15	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.	0.6	48
16	Cenozoic deformational structures on the Galicia Bank Region (NW Iberian continental margin). <i>Marine Geology</i> , 2008, 249, 128-149.	0.9	46
17	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
18	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.	0.5	43

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19	Intraplate deformation and basin formation during the Tertiary within the northern Iberian plate: Origin and evolution of the Almazán Basin. <i>Tectonics</i> , 2000, 19, 258-289.	1.3	40
20	Updated Bouguer anomalies of the Iberian Peninsula: a new perspective to interpret the regional geology. <i>Journal of Maps</i> , 2016, 12, 1089-1092.	1.0	39
21	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
22	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.	0.9	24
23	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.	1.1	24
24	Occurrence of whale barnacles in Nerja Cave (Málaga, southern Spain): Indirect evidence of whale consumption by humans in the Upper Magdalenian. <i>Quaternary International</i> , 2014, 337, 163-169.	0.7	23
25	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
26	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.	3.3	19
27	Geomorphology of the Iberian Continental Margin. <i>Geomorphology</i> , 2013, 196, 13-35.	1.1	19
28	Morphological and geological features of Drake Passage, Antarctica, from a new digital bathymetric model. <i>Journal of Maps</i> , 2019, 15, 49-59.	1.0	19
29	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.	0.9	18
30	Occurrence of pockmarks on the Ortegá Spur continental margin, Northwestern Iberian Peninsula. <i>Marine and Petroleum Geology</i> , 2010, 27, 1551-1564.	1.5	17
31	The last major earthquakes along the Magallanes-Fagnano fault system recorded by disturbed trees (Tierra del Fuego, South America). <i>Terra Nova</i> , 2014, 26, 448-453.	0.9	17
32	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.	1.3	16
33	Sequential limb rotation and kink-band migration recorded by growth strata, Almazán Basin, North Spain. <i>Sedimentary Geology</i> , 2002, 146, 25-45.	1.0	15
34	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.	1.1	15
35	Shellfish collection on the westernmost Mediterranean, Bajondillo cave (c. 160-35 cal kyr BP): A case of behavioral convergence?. <i>Quaternary Science Reviews</i> , 2019, 217, 284-296.	1.4	15
36	Morphological feature analyses of the Prestige half-graben on the SW Galicia Bank. <i>Marine Geology</i> , 2008, 249, 7-20.	0.9	14

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37	Lineaments and fracturing in the Neogene rocks of the Almazán Basin, northern Spain. <i>Geological Magazine</i> , 1998, 135, 255-268.	0.9	13
38	Breaking the waves: Human use of marine bivalves in a microtidal range coast during the Upper Pleistocene and the Early Holocene, Vestal chamber, Nerja Cave (Málaga, southern Spain). <i>Quaternary International</i> , 2016, 407, 59-79.	0.7	12
39	Chapter 7.1 Deception Island. <i>Geological Society Memoir</i> , 2021, 55, 667-693.	0.9	12
40	Geomorphological and sedimentary processes of the glacially influenced northwestern Iberian continental margin and abyssal plains. <i>Geomorphology</i> , 2018, 312, 60-85.	1.1	11
41	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.	0.5	10
42	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.	1.1	9
43	Allochthonous Blocks as Hydrocarbon Traps in the Gulf of Cadiz. , 1999, , .		8
44	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.	1.6	7
45	Echo-character of the NW Iberian continental margin and the adjacent abyssal plains. <i>Journal of Maps</i> , 2018, 14, 56-67.	1.0	7
46	Bouguer anomalies of the NW Iberian continental margin and the adjacent abyssal plains. <i>Journal of Maps</i> , 2019, 15, 635-641.	1.0	7
47	Stress Field Evolution of the Southernmost Andean Cordillera From Paleostress Analysis (Argentina) Tj ETQq1 1 0.784314 rgBT /Overlock	1.3	7
48	Potential Pressure Compartments Sub-Salt in the Gulf of Mexico and Beneath Massive Debris Flows in the Gulf of Cadiz. , 1999, , 23-30.		7
49	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.	0.9	6
50	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.	0.9	6
51	Mantle flow and deep electrical anisotropy in a main gateway: MT study in Tierra del Fuego. <i>Scientific Reports</i> , 2019, 9, 7148.	1.6	5
52	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.	1.0	5
53	Palaeoenvironmental and chronological context of human occupations at El Cierro cave (Northern) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Archaeological Science: Reports</i> , 2020, 29, 102138.	0.2	5
54	At the edge of the Cantabrian sea. New data on the Pleistocene and Holocene archaeological open-air site of Bañugues (Gozán, Asturias, Spain): Palaeogeography, geoarchaeology and geochronology. <i>Quaternary International</i> , 2020, 566-567, 284-302.	0.7	5

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55	Mesozoic to recent evolution of intraplate stress fields under multiple remote stresses: The case of Signy Island (South Orkney Microcontinent, Antarctica). Geological Society Special Publication, 2013, 381, 45-65.	0.8	4
56	Morphostructural analysis and Cenozoic evolution of Elephant Island, Southern Scotia Arc, Antarctica. International Journal of Earth Sciences, 2015, 104, 833-851.	0.9	4
57	Reply to "Dating on its own cannot resolve hominin occupation patterns" and "No reliable evidence for a very early Aurignacian in Southern Iberia". Nature Ecology and Evolution, 2019, 3, 714-715.	3.4	4
58	Geodynamic implications of the Cenozoic stress field on Seymour Island, West Antarctica. Antarctic Science, 2008, 20, 173-184.	0.5	3
59	Recent deformational state from morphological analysis of mud volcanoes in the Gulf of Cadiz (southwestern part of the Iberian Atlantic Margin). Journal of Geodynamics, 2019, 132, 101653.	0.7	3
60	Echo-character distribution in the Cantabrian Margin and the Biscay Abyssal Plain. Journal of Maps, 2021, 17, 547-556.	1.0	3
61	Cause of the rupture and distribution of broken submarine carbonate chimneys in the Gulf of Cádiz (southwestern Spain). Quaternary International, 2011, 242, 240-253.	0.7	2
62	Cenozoic stress field in the southwestern Antarctic Peninsula from brittle mesostructures in Wright Peninsula, Adelaide Island. Polish Polar Research, 2011, 32, 39-58.	0.9	2
63	Elephant Island Recent Tectonics in the Framework of the Scotia-Antarctic-South Shetland Block Triple Junction (NE Antarctic Peninsula). , 2006, , 271-276.		2
64	Maritime-oriented foragers during the Late Pleistocene on the eastern costa del sol (Southeast) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.4	2
65	Magnetic anomalies of the NW Iberian continental margin and the adjacent abyssal plains. Journal of Maps, 2020, 16, 680-688.	1.0	1
66	Magnetic fabric from Quaternary volcanic edifices in the extensional Bransfield Basin: internal structure of Penguin and Bridgeman islands (South Shetlands archipelago, Antarctica). Geophysical Journal International, 2021, 226, 1368-1389.	1.0	0