

Juan T Vzquez

List of Publications by Citations

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88

papers

2,667

citations

31

h-index

50

g-index

94

ext. papers

2,927

ext. citations

2.9

avg, IF

4.63

L-index

#	Paper	IF	Citations
88	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
87	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
86	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
85	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
84	Looking for clues to paleoceanographic imprints: A diagnosis of the Gulf of Cadiz contourite depositional systems. <i>Geology</i> , 2003 , 31, 19	5	137
83	Tectonics and mud volcano development in the Gulf of Cádiz. <i>Marine Geology</i> , 2009 , 261, 48-63	3.3	105
82	Contourite deposits in the central Scotia Sea: the importance of the Antarctic Circumpolar Current and the Weddell Gyre flows. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2003 , 198, 187-221	2.9	91
81	Quaternary stratigraphic stacking patterns on the continental shelves of the southern Iberian Peninsula: their relationship with global climate and palaeoceanographic changes. <i>Quaternary International</i> , 2002 , 92, 5-23	2	80
80	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. <i>Marine Geology</i> , 2016 , 378, 157-170	3.3	64
79	Miocene to Recent contourite drifts development in the northern Weddell Sea (Antarctica). <i>Global and Planetary Change</i> , 2005 , 45, 99-129	4.2	59
78	Gas-related morphologies and diapirism in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2007 , 27, 213-221	1.9	58
77	Propagating rift during the opening of a small oceanic basin: The Protector Basin (Scotia Arc, Antarctica). <i>Earth and Planetary Science Letters</i> , 2006 , 241, 398-412	5.3	58
76	Strategic and rare elements in Cretaceous-Cenozoic cobalt-rich ferromanganese crusts from seamounts in the Canary Island Seamount Province (northeastern tropical Atlantic). <i>Ore Geology Reviews</i> , 2017 , 87, 41-61	3.2	57
75	Numerous methane gas-related sea floor structures identified in Gulf of Cadiz. <i>Eos</i> , 2002 , 83, 541-549	1.5	57
74	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	3.3	56
73	Ocean basins near the Scotia-Antarctic plate boundary: Influence of tectonics and paleoceanography on the Cenozoic deposits. <i>Marine Geophysical Researches</i> , 2006 , 27, 83-107	2.3	51
72	Impact of pulsed Atlantic water inflow into the Alboran Basin at the time of the Zanclean flooding. <i>Geo-Marine Letters</i> , 2011 , 31, 361-376	1.9	49

71	Pockmarks, collapses and blind valleys in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2010 , 30, 231-247	1.9	47
70	Model of distributed deformation, block rotations and crustal thickening for the formation of the Spanish Central System. <i>Tectonophysics</i> , 1990 , 184, 367-378	3.1	45
69	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
68	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , 2008 , 247, 61-83	3.3	42
67	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
66	Cenozoic deformational structures on the Galicia Bank Region (NW Iberian continental margin). <i>Marine Geology</i> , 2008 , 249, 128-149	3.3	41
65	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	1.9	39
64	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	3.3	38
63	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
62	Hydrate occurrence in Europe: A review of available evidence. <i>Marine and Petroleum Geology</i> , 2020 , 111, 735-764	4.7	37
61	The Al-Borani submarine landslide and associated tsunamis. A modelling approach. <i>Marine Geology</i> , 2015 , 361, 79-95	3.3	36
60	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	1.9	36
59	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	3.3	34
58	High-resolution seismic stratigraphy of the Galicia Bank Region and neighbouring abyssal plains (NW Iberian continental margin). <i>Marine Geology</i> , 2008 , 249, 108-127	3.3	32
57	Erosive sub-circular depressions on the Guadalquivir Bank (Gulf of Cadiz): Interaction between bottom current, mass-wasting and tectonic processes. <i>Marine Geology</i> , 2016 , 378, 5-19	3.3	31
56	Tectonic indentation in the central Alboran Sea (westernmost Mediterranean). <i>Terra Nova</i> , 2018 , 30, 24-33	3	26
55	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	3.6	25
54	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	1.4	24

53	The transition from an active to a passive margin (SW end of the South Shetland Trench, Antarctic Peninsula). <i>Tectonophysics</i> , 2003 , 366, 55-81	3.1	24
52	Influence of alongslope processes on modern turbidite systems and canyons in the Alboran Sea (southwestern Mediterranean). <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2019 , 144, 1-16	2.5	24
51	Furrows in the southern Scan Basin, Antarctica: interplay between tectonic and oceanographic influences. <i>Geo-Marine Letters</i> , 2011 , 31, 451-464	1.9	23
50	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , 2006 , 53, 208-19	6.7	23
49	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	4.3	21
48	Deep-water Circulation: Processes & Products (16-18 June 2010, Baiona): introduction and future challenges. <i>Geo-Marine Letters</i> , 2011 , 31, 285-300	1.9	20
47	A comparative mineralogical study of gas-related sediments of the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2007 , 27, 223-235	1.9	18
46	Depositional processes and growth patterns of isolated oceanic basins: the Protector and Pirie basins of the Southern Scotia Sea (Antarctica). <i>Marine Geology</i> , 2014 , 357, 163-181	3.3	17
45	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	4.3	16
44	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western Mediterranean). <i>Solid Earth</i> , 2020 , 11, 741-765	3.3	15
43	Evidence of a modern deep water magmatic hydrothermal system in the Canary Basin (eastern central Atlantic Ocean). <i>Geochemistry, Geophysics, Geosystems</i> , 2017 , 18, 3138-3164	3.6	13
42	Tsunamigenic submarine landslides along the Xauen-Ofiñ banks in the Alboran Sea (Western Mediterranean Sea). <i>Geophysical Journal International</i> , 2017 , 209, 266-281	2.6	12
41	Polyphase Tectonic Evolution of Fore-Arc Basin Related to STEP Fault as Revealed by Seismic Reflection Data From the Alboran Sea (W-Mediterranean). <i>Tectonics</i> , 2020 , 39, e2019TC005885	4.3	12
40	Late Pleistocene-Holocene history of a tectonically active segment of the continental margin (Nekor basin, Western Mediterranean, Morocco). <i>Marine and Petroleum Geology</i> , 2018 , 97, 370-389	4.7	12
39	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	3.3	12
38	Multiprocess interaction shaping geofoms and controlling substrate types and benthic community distribution in the Gulf of Cádiz. <i>Marine Geology</i> , 2020 , 423, 106139	3.3	10
37	Shape and Size Complexity of Deep Seafloor Mounds on the Canary Basin (West to Canary Islands, Eastern Atlantic): A DEM-Based Geomorphometric Analysis of Domes and Volcanoes. <i>Geosciences (Switzerland)</i> , 2018 , 8, 37	2.7	10
36	Morphology and shallow structure of seafloor mounds in the Canary Basin (Eastern Central Atlantic Ocean). <i>Geomorphology</i> , 2018 , 313, 27-47	4.3	9

35	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
34	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean Sea). <i>Advances in Natural and Technological Hazards Research</i> , 2014 , 561-570	1.8	8
33	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	3.3	8
32	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	2.7	7
31	Impact of sea-level rise on earthquake and landslide triggering offshore the Alentejo margin (SW Iberia). <i>Geo-Marine Letters</i> , 2016 , 36, 415-424	1.9	6
30	Multidisciplinary characterization of Quaternary mass movement deposits in the Portimão Bank (Gulf of Cadiz, SW Iberia). <i>Marine Geology</i> , 2020 , 420, 106086	3.3	6
29	A new scenario for the mass transport deposits west Canary volcanic province. <i>Earth and Planetary Science Letters</i> , 2019 , 509, 27-37	5.3	6
28	Fluid Venting Through the Seabed in the Gulf of Cadiz (SE Atlantic Ocean, Western Iberian Peninsula) 2012 , 831-841		5
27	A Geological History for the Alboran Sea Region 2021 , 111-155		5
26	First Macro-Colonizers and Survivors Around Tagoro Submarine Volcano, Canary Islands, Spain. <i>Geosciences (Switzerland)</i> , 2019 , 9, 52	2.7	4
25	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	1.3	4
24	Paleoceanographic and paleoclimatic variability in the Western Mediterranean during the last 25 cal. kyr BP. New insights from contourite drifts. <i>Marine Geology</i> , 2021 , 437, 106488	3.3	4
23	Cyclic Behavior Associated with the Degassing Process at the Shallow Submarine Volcano Tagoro, Canary Islands, Spain. <i>Geosciences (Switzerland)</i> , 2018 , 8, 457	2.7	4
22	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , 2019 , 61-103	2.5	3
21	Comment on Evidence from acoustic imaging for submarine volcanic activity in 2012 off the west coast of El Hierro (Canary Islands, Spain) [by Pérez NM, Somoza L, Hernández PA, González de Vallejo L, León R, Sagiya T, Biain A, González FJ, Medialdea T, Barrancos J, Ibáñez J, Sumino H, Nogami K and Romero C [Bull Volcanol (2014) 76:882-896]. <i>Bulletin of Volcanology</i> , 2015 , 77, 1	2.4	3
20	Seismic Stratigraphy of Miocene to Recent Sedimentary Deposits in the Central Scotia Sea and Northern Weddell Sea: Influence of Bottom Flows (Antarctica) 2006 , 441-446		3
19	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. <i>Oceans</i> , 2021 , 2, 393-428	1.3	3
18	The Guadiaro-Baños contourite drifts (SW Mediterranean). A geotechnical approach to stability analysis. <i>Marine Geology</i> , 2021 , 437, 106505	3.3	3

17	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western Mediterranean) 2019 ,		1
16	Interplay of deep-marine sedimentary processes with seafloor morphology offshore Madeira Island (Central NE-Atlantic). <i>Marine Geology</i> , 2021 , 443, 106675	3.3	1
15	Geomorphic features, main habitats and associated biota on and around the newly formed Tagoro submarine volcano, Canary Islands 2020 , 835-846		1
14	Submarine Active Faults and Morpho-Tectonics Around the Iberian Margins: Seismic and Tsunamis Hazards. <i>Frontiers in Earth Science</i> ,9,	3.5	1
13	Deep Sea Sedimentation 2021 , 960-960		1
12	Seafloor Morphology and Processes in the Alboran Sea 2021 , 157-205		1
11	Tsunami generation potential of a strike-slip fault tip in the westernmost Mediterranean. <i>Scientific Reports</i> , 2021 , 11, 16253	4.9	1
10	Recovery Signals of Rhodoliths Beds since Bottom Trawling Ban in the SCI Menorca Channel (Western Mediterranean). <i>Diversity</i> , 2022 , 14, 20	2.5	1
9	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	1.2	1
8	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	4.3	0
7	Marine Protected Areas and Key Biodiversity Areas of the Alboran Sea and Adjacent Areas 2021 , 819-923		0
6	Morphosedimentary, Structural and Benthic Characterization of Carbonate Mound Fields on the Upper Continental Slope of the Northern Alboran Sea (Western Mediterranean). <i>Geosciences (Switzerland)</i> , 2022 , 12, 111	2.7	0
5	Improving Scientific Knowledge of Mallorca Channel Seamounts (Western Mediterranean) within the Framework of Natura 2000 Network. <i>Diversity</i> , 2022 , 14, 4	2.5	0
4	24 Cold-Water Corals in Fluid Venting Submarine Structures. <i>Coral Reefs of the World</i> , 2019 , 261-263	2.1	
3	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		
2	Biogeochemistry of surface sediments in mud volcanoes of the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2021 , 41, 1	1.9	
1	Introduction: Thinking the Future from Now 2021 , 1-10		