

# Juan T Vázquez

## List of Publications by Year in descending order

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88  
papers

3,245  
citations

126708

33  
h-index

161609

54  
g-index

94  
all docs

94  
docs citations

94  
times ranked

2236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Sea Sedimentation. , 2022, , 960-988.		3
2	Interplay of deep-marine sedimentary processes with seafloor morphology offshore Madeira Island (Central NE-Atlantic). Marine Geology, 2022, 443, 106675.	0.9	3
3	Understanding the complex geomorphology of a deep sea area affected by continental tectonic indentation: The case of the Gulf of Vera (Western Mediterranean). Geomorphology, 2022, 402, 108126.	1.1	4
4	Morphosedimentary, Structural and Benthic Characterization of Carbonate Mound Fields on the Upper Continental Slope of the Northern Alboran Sea (Western Mediterranean). Geosciences (Switzerland), 2022, 12, 111.	1.0	5
5	Recovery Signals of Rhodoliths Beds since Bottom Trawling Ban in the SCI Menorca Channel (Western) Tj ETQq1 1 0,784314 JgBT /Over	0.7	8
6	Improving Scientific Knowledge of Mallorca Channel Seamounts (Western Mediterranean) within the Framework of Natura 2000 Network. Diversity, 2022, 14, 4.	0.7	8
7	Marine Protected Areas and Key Biodiversity Areas of the Alboran Sea and Adjacent Areas. , 2021, , 819-923.		3
8	Seafloor Morphology and Processes in the Alboran Sea. , 2021, , 157-205.		3
9	A Geological History for the Alboran Sea Region. , 2021, , 111-155.		5
10	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
11	Offshore Geological Hazards: Charting the Course of Progress and Future Directions. Oceans, 2021, 2, 393-428.	0.6	11
12	Biogeochemistry of surface sediments in mud volcanoes of the Gulf of Cádiz. Geo-Marine Letters, 2021, 41, 1.	0.5	1
13	Submarine Active Faults and Morpho-Tectonics Around the Iberian Margins: Seismic and Tsunamis Hazards. Frontiers in Earth Science, 2021, 9, .	0.8	10
14	Paleoceanographic and paleoclimatic variability in the Western Mediterranean during the last 25â€cal. kyr BP. New insights from contourite drifts. Marine Geology, 2021, 437, 106488.	0.9	9
15	The Guadiaro-Baños contourite drifts (SW Mediterranean). A geotechnical approach to stability analysis. Marine Geology, 2021, 437, 106505.	0.9	8
16	Tsunami generation potential of a strike-slip fault tip in the westernmost Mediterranean. Scientific Reports, 2021, 11, 16253.	1.6	7
17	Introduction: Thinking the Future from Now. , 2021, , 1-10.		0
18	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

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19	Hydrate occurrence in Europe: A review of available evidence. <i>Marine and Petroleum Geology</i> , 2020, 111, 735-764.	1.5	56
20	Geomorphic features, main habitats and associated biota on and around the newly formed Tagoro submarine volcano, Canary Islands. , 2020, , 835-846.		5
21	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
22	Multidisciplinary characterization of Quaternary mass movement deposits in the Portimão Bank (Gulf of Cadiz). <i>Marine Geology</i> , 2020, 423, 106138.	0.9	10
23	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
24	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
25	Plio-Quaternary tectonic evolution of the southern margin of the Alboran Basin (Western Mediterranean). <i>Tectonics</i> , 2020, 39, e2019TC005885.	1.2	16
26	Polyphase Tectonic Evolution of Forearc Basin Related to STEP Fault as Revealed by Seismic Reflection Data From the Alboran Sea (Western Mediterranean). <i>Tectonics</i> , 2020, 39, e2019TC005885.	1.3	16
27	24 Cold-Water Corals in Fluid Venting Submarine Structures. <i>Coral Reefs of the World</i> , 2019, , 261-263.	0.3	1
28	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
29	First Macro-Colonizers and Survivors Around Tagoro Submarine Volcano, Canary Islands, Spain. <i>Geosciences (Switzerland)</i> , 2019, 9, 52.	1.0	13
30	Extension in the Western Mediterranean. <i>Regional Geology Reviews</i> , 2019, , 61-103.	1.2	10
31	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.	0.6	26
32	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
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.	0.9	9
34	Morphology and shallow structure of seafloor mounds in the Canary Basin (Eastern Central Atlantic). <i>Marine Geology</i> , 2019, 407, 299-315.	0.9	9
35	Tectonic indentation in the central Alboran Sea (westernmost Mediterranean). <i>Terra Nova</i> , 2018, 30, 24-33.	0.9	32
36	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

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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 /Overl (Switzerland), 2018, 8, 37.	1.0	14
38	Late Pleistocene-Holocene history of a tectonically active segment of the continental margin (Nekor) Tj ETQq0 0 0 rgBT /Overl lock 10 Tf 5	1.5	15
39	Imaging the Growth of Recent Faults: The Case of 2016â€“2017 Seismic Sequence Sea Bottom Deformation in the Alboran Sea (Western Mediterranean). Tectonics, 2018, 37, 2513-2530.	1.3	22
40	Tsunamigenic submarine landslides along the Xauenâ€“TofiÃ±o banks in the Alboran Sea (Western) Tj ETQq0 0 0 rgBT /Overl lock 10 Tf 5	1.0	16
41	Evidence of a modern deep water magmatic hydrothermal system in the Canary Basin (eastern central) Tj ETQq1 1 0.784314 rgBT /Overl lock 10 Tf 5	1.0	26
42	Evolution of submarine eruptive activity during the 2011â€“2012 <sc>E</sc>I <sc>H</sc> Hierro event as documented by hydroacoustic images and remotely operated vehicle observations. Geochemistry, Geophysics, Geosystems, 2017, 18, 3109-3137.	1.0	40
43	Strategic and rare elements in Cretaceous-Cenozoic cobalt-rich ferromanganese crusts from seamounts in the Canary Island Seamount Province (northeastern tropical Atlantic). Ore Geology Reviews, 2017, 87, 41-61.	1.1	81
44	Impact of sea-level rise on earthquake and landslide triggering offshore the Alentejo margin (SW) Tj ETQq0 0 0 rgBT /Overl lock 10 Tf 5	0.5	8
45	Erosive sub-circular depressions on the Guadalquivir Bank (Gulf of Cadiz): Interaction between bottom current, mass-wasting and tectonic processes. Marine Geology, 2016, 378, 5-19.	0.9	36
46	Geomorphological features in the southern Canary Island Volcanic Province: The importance of volcanic processes and massive slope instabilities associated with seamounts. Geomorphology, 2016, 255, 125-139.	1.1	27
47	Seismic evidence of current-controlled sedimentation in the Alboran Sea during the Pliocene and Quaternary: Palaeoceanographic implications. Marine Geology, 2016, 378, 292-311.	0.9	47
48	Significance of bottom currents in deep-sea morphodynamics: An example from the Alboran Sea. Marine Geology, 2016, 378, 157-170.	0.9	81
49	Multidisciplinary study of mud volcanoes and diapirs and their relationship to seepages and bottom currents in the Gulf of CÃ¡diz continental slope (northeastern sector). Marine Geology, 2016, 378, 196-212.	0.9	48
50	From chemosynthesis-based communities to cold-water corals: Vulnerable deep-sea habitats of the Gulf of CÃ¡diz. Marine Biodiversity, 2016, 46, 473-482.	0.3	31
51	The Al-Borani submarine landslide and associated tsunami. A modelling approach. Marine Geology, 2015, 361, 79-95.	0.9	44
52	Comment on â€œEvidence from acoustic imaging for submarine volcanic activity in 2012 off the west coast of El Hierro (Canary Islands, Spain)â€•by PÃ©rez NM, Somoza L, HernÃ¡ndez PA, GonzÃ¡lez de Vallejo L, LeÃ³n R, Sagiya T, Biain A, GonzÃ¡lez FJ, Medialdea T, Barrancos J, IbÃ¡Ã±ez J, Sumino H, Nogami K and Romero C [Bull Volcanol (2014) 76:882-896]. Bulletin of Volcanology, 2015, 77, 1.	1.1	6
53	Depositional processes and growth patterns of isolated oceanic basins: the Protector and Pirie basins of the Southern Scotia Sea (Antarctica). Marine Geology, 2014, 357, 163-181.	0.9	21
54	Quaternary Mass-Transport Deposits on the North-Eastern Alboran Seamounts (SW Mediterranean) Tj ETQq0 0 0 rgBT /Overl lock 10 Tf 5	1.1	9

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55	Fluid Venting Through the Seabed in the Gulf of Cadiz (SE Atlantic Ocean, Western Iberian Peninsula), 2012, , 831-841.		11
56	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
57	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
58	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
59	Furrows in the southern Scan Basin, Antarctica: interplay between tectonic and oceanographic influences. <i>Geo-Marine Letters</i> , 2011, 31, 451-464.	0.5	25
60	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
61	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.	0.5	54
62	Deep-water Circulation: Processes & Products (16-18 June 2010, Baiona): introduction and future challenges. <i>Geo-Marine Letters</i> , 2011, 31, 285-300.	0.5	22
63	Pockmarks, collapses and blind valleys in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2010, 30, 231-247.	0.5	55
64	Tectonics and mud volcano development in the Gulf of Cádiz. <i>Marine Geology</i> , 2009, 261, 48-63.	0.9	124
65	Cenozoic deformational structures on the Galicia Bank Region (NW Iberian continental margin). <i>Marine Geology</i> , 2008, 249, 128-149.	0.9	46
66	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
67	Morphosedimentary features and recent depositional architectural model of the Cantabrian continental margin. <i>Marine Geology</i> , 2008, 247, 61-83.	0.9	50
68	High-resolution seismic stratigraphy of the Galicia Bank Region and neighbouring abyssal plains (NW Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	36
69	A comparative mineralogical study of gas-related sediments of the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2007, 27, 223-235.	0.5	24
70	Gas-related morphologies and diapirism in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2007, 27, 213-221.	0.5	66
71	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
72	Propagating rift during the opening of a small oceanic basin: The Protector Basin (Scotia Arc,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	1.8	63

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73	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
74	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.	0.5	65
75	Geological characterization of the Prestige sinking area. <i>Marine Pollution Bulletin</i> , 2006, 53, 208-219.	2.3	24
76	Miocene to Recent contourite drifts development in the northern Weddell Sea (Antarctica). <i>Global and Planetary Change</i> , 2005, 45, 99-129.	1.6	68
77	Bacia Dove [Mar de Scotia – Antártica]. <i>Processamento e Interpretação de Novos Dados de Sísmica 2D.</i> , 2005, , .		0
78	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
79	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
80	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
81	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
82	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
83	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.	1.0	106
84	The transition from an active to a passive margin (SW end of the South Shetland Trench, Antarctic) <small>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</small>	0.9	29
85	Numerous methane gas-related sea floor structures identified in Gulf of Cadiz. <i>Eos</i> , 2002, 83, 541-549.	0.1	64
86	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.	0.7	86
87	Continental Crust Fragmentation, Small Basin Development And Deep Water Circulation In The Southern Scotia Sea (Southern Atlantic)., 2001, , .		2
88	Model of distributed deformation, block rotations and crustal thickening for the formation of the Spanish Central System. <i>Tectonophysics</i> , 1990, 184, 367-378.	0.9	49