

Javier Gonzalez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5416120/publications.pdf>

Version: 2024-02-01

50
papers

1,287
citations

361388

20
h-index

361001

35
g-index

54
all docs

54
docs citations

54
times ranked

1264
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation processes of methane-derived authigenic carbonates from the Gulf of Cadiz. <i>Sedimentary Geology</i> , 2012, 243-244, 155-168.	2.1	136
2	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.	1.1	91
3	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.	2.7	81
4	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.	2.1	73
5	Ferromanganese nodules and micro-hardgrounds associated with the Cadiz Contourite Channel (NE Tj ETQq1 1 0.784314 rgBT /Over 2012, 310-311, 56-78.	3.3	61
6	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.	2.5	57
7	Pockmarks, collapses and blind valleys in the Gulf of Cádiz. <i>Geo-Marine Letters</i> , 2010, 30, 231-247.	1.1	55
8	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.	2.1	52
9	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.	2.0	44
10	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.	1.1	43
11	Hydrocarbon-derived ferromanganese nodules in carbonate-mud mounds from the Gulf of Cadiz: Mud-breccia sediments and clasts as nucleation sites. <i>Marine Geology</i> , 2009, 261, 64-81.	2.1	42
12	Composition and genesis of ferromanganese deposits from the northern South China Sea. <i>Journal of Asian Earth Sciences</i> , 2017, 138, 110-128.	2.3	41
13	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.	2.5	40
14	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.	2.0	35
15	Internal features, mineralogy and geochemistry of ferromanganese nodules from the Gulf of Cadiz: The role of the Mediterranean Outflow Water undercurrent. <i>Journal of Marine Systems</i> , 2010, 80, 203-218.	2.1	33
16	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.	1.1	33
17	Multi-event oceanic island landslides: New onshore-offshore insights from El Hierro Island, Canary Archipelago. <i>Marine Geology</i> , 2017, 393, 156-175.	2.1	30
18	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.	2.6	27

#	ARTICLE	IF	CITATIONS
19	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.	2.1	24
20	Tectonic and paleoceanographic conditions during the formation of ferromanganese nodules from the northern South China Sea based on the high-resolution geochemistry, mineralogy and isotopes. <i>Marine Geology</i> , 2019, 410, 146-163.	2.1	22
21	Magmatism, structure and age of Dove Basin (Antarctica): A key to understanding South Scotia Arc development. <i>Global and Planetary Change</i> , 2014, 122, 50-69.	3.5	21
22	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.	3.5	20
23	Evidence of a modern deep water magmatic hydrothermal system in the Canary Basin (eastern central) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	2.5	26
24	Evidence of episodic long-lived eruptions in the Yuma, Ginsburg, JesÃs Baraza and Tasyo mud volcanoes, Gulf of CÃ¡diz. <i>Geo-Marine Letters</i> , 2016, 36, 197-214.	1.1	18
25	Fe-Mn nodules associated with hydrocarbon seeps: A new discovery in the Gulf of Cadiz (eastern) <i>Tj ETQq1 1 0.784314 rgBT /Overloc</i>	1.2	16
26	Rare earth elements and yttrium in ferromanganese deposits from the South China Sea: distribution, composition and resource considerations. <i>Acta Oceanologica Sinica</i> , 2018, 37, 41-54.	1.0	15
27	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.	3.0	14
28	Seabed mining and blue growth: exploring the potential of marine mineral deposits as a sustainable source of rare earth elements (MaREEs) (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2022, 94, 329-351.	1.9	14
29	Cold-water corals and hydrocarbon-rich seepage in Pompeia Province (Gulf of CÃ¡diz) â€œ living on the edge. <i>Biogeosciences</i> , 2019, 16, 1607-1627.	3.3	12
30	Siboglinidae Tubes as an Additional Niche for Microbial Communities in the Gulf of CÃ¡dizâ€”A Microscopical Appraisal. <i>Microorganisms</i> , 2020, 8, 367.	3.6	10
31	Reprint of â€œMagmatism, structure and age of Dove Basin (Antarctica): A key to understanding South Scotia Arc developmentâ€: <i>Global and Planetary Change</i> , 2014, 123, 249-268.	3.5	9
32	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.	2.1	9
33	The Ab-Bagh Late Jurassic-Early Cretaceous sediment-hosted Zn-Pb deposit, Sanandaj-Sirjan zone of Iran: Ore geology, fluid inclusions and (Sâ€“Sr) isotopes. <i>Ore Geology Reviews</i> , 2020, 121, 103484.	2.7	9
34	Insights into the origin of ferromanganese-rich deposits associated with South China Sea contourite depositional systems. <i>Marine and Petroleum Geology</i> , 2021, 133, 105257.	3.3	9
35	Multidisciplinary Scientific Cruise to the Northern Mid-Atlantic Ridge and Azores Archipelago. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	8
36	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	8

#	ARTICLE	IF	CITATIONS
37	GIS Catalogue of Submarine Landslides in the Spanish Continental Shelf: Potential and Difficulties for Susceptibility Assessment. <i>Advances in Natural and Technological Hazards Research</i> , 2016, , 499-508.	1.1	8
38	Comparative Study of MnO ₂ Dissolution from Black Copper Minerals and Manganese Nodules in an Acid Medium. <i>Metals</i> , 2021, 11, 817.	2.3	7
39	Integrated thematic geological mapping of the Atlantic Margin of Iberia. <i>Geological Society Special Publication</i> , 2022, 505, 97-115.	1.3	6
40	Growth of ferromanganese crusts on bioturbated soft substrate, Tropic Seamount, northeast Atlantic ocean. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 175, 103586.	1.4	6
41	Reply to comment from Blanco et al. (2015) on "Evidence from acoustic imaging for submarine volcanic activity in 2012 off the west coast of El Hierro (Canary Islands, Spain) by Pérez et al. [<i>Bull. Volcanol.</i> (2014), 76:882-896]. <i>Bulletin of Volcanology</i> , 2015, 77, 1.	3.0	5
42	Evolution of a deep-water ferromanganese nodule in the South China Sea in response to Pacific deep-water circulation and continental weathering during the Plio-Pleistocene. <i>Quaternary Science Reviews</i> , 2020, 229, 106106.	3.0	4
43	High-resolution multibeam bathymetry of the northern Mid-Atlantic Ridge at 45°46' N: the Moytirra hydrothermal field. <i>Journal of Maps</i> , 2021, 17, 184-196.	2.0	4
44	Geochemistry and Mineralogy of Ferromanganese Crusts from the Western Cocos-Nazca Spreading Centre, Pacific. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 538.	2.0	4
45	Giant mass-transport deposits in the southern Scotia Sea (Antarctica). <i>Geological Society Special Publication</i> , 2019, 477, 195-205.	1.3	3
46	FE-RICH MINERALIZED MICROBES FROM HYDROTHERMAL VENTS AT TAGORO SUBMARINE VOLCANO, EL HIERRO ISLAND (CENTRAL EAST ATLANTIC). , 2017, , .		2
47	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 Cadiz, NE Atlantic Ocean. <i>Palaontologische Zeitschrift</i> , 2021, 95, 793-807.	1.6	2
48	Onshore and Offshore Geomorphological Features of the El Golfo Debris Avalanche (El Hierro,) <i>Tj ETQqO O O rgBT /Qverlock 1Q Tf 50 302</i>		1
49	Discriminating formation and accumulation processes of some strategic metals in Fe-Mn deposits of the Atlantic Ocean. <i>World Journal of Engineering</i> , 2021, 18, 416-425.	1.6	1
50	Elemental zonation and geochemistry of sulphide ore of the Ab-Bagh sedimentary-exhalative Zn-Pb deposit, southeastern margin of the Malayer-Esfahan metallogenic belt. <i>PizhÅ«hish/hÅ•yi DÅ«nish-i ZamÅ«n</i> , 2020, 11, 72-88.	0.0	0