

Carles Canet

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1285180/publications.pdf>

Version: 2024-02-01

71
papers

1,530
citations

304602

22
h-index

345118

36
g-index

71
all docs

71
docs citations

71
times ranked

1463
citing authors

#	ARTICLE	IF	CITATIONS
1	Acid drainage at the inactive Santa Lucia mine, western Cuba: Natural attenuation of arsenic, barium and lead, and geochemical behavior of rare earth elements. <i>Applied Geochemistry</i> , 2010, 25, 716-727.	1.4	92
2	Vent fluid chemistry in Bah�a Concepci�n coastal submarine hydrothermal system, Baja California Sur, Mexico. <i>Journal of Volcanology and Geothermal Research</i> , 2004, 137, 311-328.	0.8	89
3	A model of boiling for fluid inclusion studies: Application to the Bola�os Ag�Au�Pb�Zn epithermal deposit, Western Mexico. <i>Journal of Geochemical Exploration</i> , 2011, 110, 118-125.	1.5	87
4	Mn�Ba�Hg mineralization at shallow submarine hydrothermal vents in Bah�a Concepci�n, Baja California Sur, Mexico. <i>Chemical Geology</i> , 2005, 224, 96-112.	1.4	73
5	Metallogeny of Cretaceous carbonate-hosted Zn�Pb deposits of Iran: geotectonic setting and data integration for future mineral exploration. <i>International Geology Review</i> , 2012, 54, 1649-1672.	1.1	67
6	Basin evolution and stratigraphic correlation of sedimentary-exhalative Zn�Pb deposits of the Early Cambrian Zarigan�Chahmir Basin, Central Iran. <i>Ore Geology Reviews</i> , 2015, 64, 328-353.	1.1	58
7	Silica-carbonate stromatolites related to coastal hydrothermal venting in Bah�a Concepci�n, Baja California Sur, Mexico. <i>Sedimentary Geology</i> , 2005, 174, 97-113.	1.0	51
8	Mineralogical and geochemical characterization of hydrocarbon seep sediments from the Gulf of Mexico. <i>Marine and Petroleum Geology</i> , 2006, 23, 605-619.	1.5	50
9	Methane-related carbonates formed at submarine hydrothermal springs: a new setting for microbially-derived carbonates?. <i>Marine Geology</i> , 2003, 199, 245-261.	0.9	49
10	Bioevents and redox conditions around the Cenomanian�Turonian anoxic event in Central Mexico. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 449, 205-226.	1.0	46
11	Geology, ore facies and sulphur isotopes of the Koushk vent-proximal sedimentary-exhalative deposit, Posht-e-Badam Block, Central Iran. <i>International Geology Review</i> , 2012, 54, 1635-1648.	1.1	42
12	CINNABAR DEPOSITION IN SUBMARINE COASTAL HYDROTHERMAL VENTS, PACIFIC MARGIN OF CENTRAL MEXICO. <i>Economic Geology</i> , 2002, 97, 1331-1340.	1.8	40
13	Discovery of massive seafloor gas seepage along the Wagner Fault, northern Gulf of California. <i>Sedimentary Geology</i> , 2010, 228, 292-303.	1.0	35
14	Mexican archives for the major Cretaceous Oceanic Anoxic Events. <i>Bolet�n De La Sociedad Geol�gica Mexicana</i> , 2014, 66, 491-505.	0.1	35
15	Characteristics and Evolution of sill-driven off-axis hydrothermalism in Guaymas Basin � the Ringvent site. <i>Scientific Reports</i> , 2019, 9, 13847.	1.6	33
16	Combining ammonium mapping and short-wave infrared (SWIR) reflectance spectroscopy to constrain a model of hydrothermal alteration for the Acoculco geothermal zone, Eastern Mexico. <i>Geothermics</i> , 2015, 53, 154-165.	1.5	32
17	The early Cambrian Chahmir shale-hosted Zn�Pb deposit, Central Iran: an example of vent-proximal SEDEX mineralization. <i>Mineralium Deposita</i> , 2015, 50, 571-590.	1.7	28
18	Geochemical evidences of sedimentary-exhalative origin of the shale-hosted PGE�Ag�Au�Zn�Cu occurrences of the Prades Mountains (Catalonia, Spain): trace-element abundances and Sm�Nd isotopes. <i>Journal of Geochemical Exploration</i> , 2004, 82, 17-33.	1.5	27

#	ARTICLE	IF	CITATIONS
19	A statistics-based method for the short-wave infrared spectral analysis of altered rocks: An example from the Acoculco Caldera, Eastern Trans-Mexican Volcanic Belt. <i>Journal of Geochemical Exploration</i> , 2010, 105, 1-10.	1.5	26
20	Arsenic in hot springs of Bah�a Concepci�n, Baja California Peninsula, M�xico. <i>Chemical Geology</i> , 2013, 348, 27-36.	1.4	26
21	Morphology of pyrite in particulate matter from shallow submarine hydrothermal vents. <i>American Mineralogist</i> , 2010, 95, 1500-1507.	0.9	25
22	Metallogeny of Permian�Triassic carbonate-hosted Zn�Pb and F deposits of Iran: A review for future mineral exploration. <i>Australian Journal of Earth Sciences</i> , 2013, 60, 197-216.	0.4	25
23	Regional stratigraphy and distribution of epigenetic stratabound celestine, fluorite, barite and Pb�Zn deposits in the MVT province of northeastern Mexico. <i>Mineralium Deposita</i> , 2009, 44, 343-361.	1.7	24
24	Mineral assemblages of the Francisco I. Madero Zn�Cu�Pb�(Ag) deposit, Zacatecas, Mexico: Implications for ore deposit genesis. <i>Ore Geology Reviews</i> , 2009, 35, 423-435.	1.1	23
25	Gas-seep related carbonate and barite authigenic mineralization in the northern Gulf of California. <i>Marine and Petroleum Geology</i> , 2013, 43, 147-165.	1.5	22
26	Redox conditions and authigenic mineralization related to cold seeps in central Guaymas Basin, Gulf of California. <i>Marine and Petroleum Geology</i> , 2018, 95, 1-15.	1.5	22
27	Isotopic evidence for biogenic precipitation as a principal mineralization process in coastal gasohydrothermal vents, Punta Mita, Mexico. <i>Chemical Geology</i> , 2005, 224, 113-121.	1.4	21
28	Paleozoic bedded barite deposits from Sonora (NW Mexico): Evidence for a hydrocarbon seep environment of formation. <i>Ore Geology Reviews</i> , 2014, 56, 292-300.	1.1	21
29	Thermal history of the Acoculco geothermal system, eastern Mexico: Insights from numerical modeling and radiocarbon dating. <i>Journal of Volcanology and Geothermal Research</i> , 2015, 305, 56-62.	0.8	21
30	Shallow submarine and subaerial, low-enthalpy hydrothermal manifestations in Punta Banda, Baja California, Mexico: Geophysical and geochemical characterization. <i>Geothermics</i> , 2011, 40, 102-111.	1.5	20
31	Geology, ore deposits and hydrothermal venting in Bah�a Concepci�n, Baja California Sur, Mexico. <i>Island Arc</i> , 2008, 17, 6-25.	0.5	18
32	Geochemical and paleoenvironmental record of the early to early late Aptian major episodes of accelerated change: Evidence from Sierra del Rosario, Northeast Mexico. <i>Sedimentary Geology</i> , 2015, 324, 47-66.	1.0	18
33	Seismic activity in the Gulf of Mexico. A preliminary analysis. <i>Bolet�n De La Sociedad Geologica Mexicana</i> , 2013, 65, 447-455.	0.1	18
34	The Zn�Pb�Ag skarns of Zacatepec, Northeastern Oaxaca, Mexico: A study of mineral assemblages and ore-forming fluids. <i>Ore Geology Reviews</i> , 2011, 39, 277-290.	1.1	16
35	Mineralogical and geochemical constraints on the origin of ferromanganese crusts from the Rivera Plate (western margin of Mexico). <i>Marine Geology</i> , 2008, 251, 47-59.	0.9	14
36	Comments on �Dehydration of hot oceanic slab at depth 30�50�km: Key to formation of Irankuh-Emarat Pb-Zn MVT belt, Central Iran�by Mohammad Hassan Karimpour and Martiya Sadeghi. <i>Journal of Geochemical Exploration</i> , 2019, 205, 106346.	1.5	13

#	ARTICLE	IF	CITATIONS
37	Water-rock interactions in the Acoculco geothermal system, eastern Mexico: Insights from paragenesis and elemental mass-balance. <i>Chemie Der Erde</i> , 2020, 80, 125527.	0.8	13
38	Response of the western proto-North Atlantic margin to the early Aptian oceanic anoxic event (OAE) 1a: an example from the Cupido platform margin-Gulf of Mexico, NE Mexico. <i>Cretaceous Research</i> , 2020, 113, 104488.	0.6	13
39	Aragonite stromatolitic buildups from Santorini (Aegean Sea, Greece): Geochemical and palaeontological constraints of the caldera palaeoenvironment prior to the Minoan eruption (<i>ca</i> 3600ÂyRÂ<scp>bp</scp>). <i>Sedimentology</i> , 2013, 60, 1128-1155.	1.6	12
40	The role of cassiterite controlling arsenic mobility in an abandoned stanniferous tailings impoundment at Llallagua, Bolivia. <i>Science of the Total Environment</i> , 2014, 481, 100-107.	3.9	12
41	The Cretaceous sediment-hosted copper deposits of San Marcos (Coahuila, Northeastern Mexico): An approach to ore-forming processes. <i>Journal of South American Earth Sciences</i> , 2011, 31, 432-443.	0.6	11
42	Record of upper Aptianâ€“lower Albian environmental perturbation in northeastern Mexico. <i>Journal of South American Earth Sciences</i> , 2016, 70, 298-307.	0.6	11
43	ObtenciÃ³n de vidrio a partir de residuos de la minerÃ­a del estaÃ±o en Bolivia. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2013, 52, 143-150.	0.9	11
44	Stable Isotope Geochemistry of the Carboniferous Zn-Pb-Cu Sediment-Hosted Sulfide Deposits, Northeastern Spain. <i>International Geology Review</i> , 2005, 47, 1298-1315.	1.1	10
45	Mesozoic volcanogenic massive sulfide (VMS) deposits in Mexico. <i>Ore Geology Reviews</i> , 2017, 81, 1066-1083.	1.1	9
46	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.	1.1	9
47	Mineralizing processes at shallow submarine hydrothermal vents: Examples from Mexico. , 2007, , .		8
48	Boiling and depth calculations in active and fossil hydrothermal systems: A comparative approach based on fluid inclusion case studies from Mexico. <i>Ore Geology Reviews</i> , 2016, 72, 603-611.	1.1	8
49	Geological setting and genesis of stratabound barite deposits at MÃzquiz, Coahuila in northeastern Mexico. <i>Ore Geology Reviews</i> , 2017, 81, 1184-1192.	1.1	7
50	Recent Mn-Ag deposits in coastal hydrothermal springs in the Baja California Peninsula, Mexico. <i>Mineralium Deposita</i> , 2019, 54, 849-866.	1.7	7
51	Geochemical constraints on the genesis of the â€“MontaÃ±a de Manganesoâ€™ vein-type Mn deposit, Mexican Plateau. <i>Ore Geology Reviews</i> , 2020, 125, 103680.	1.1	7
52	Dosimetry and Calorimetry Performance of a Scientific CMOS Camera for Environmental Monitoring. <i>Sensors</i> , 2020, 20, 5746.	2.1	7
53	Sulphur isotope composition of Silurian shale-hosted PGE-Ag-Au-Zn-Cu mineralisations of the Prades Mountains (Catalonia, Spain). <i>Mineralium Deposita</i> , 2002, 37, 198-212.	1.7	6
54	The world-class Koushk Zn-Pb deposit, Central Iran: A genetic model for vent-proximal shale-hosted massive sulfide (SHMS) deposits â€“ Based on paragenesis and stable isotope geochemistry. <i>Ore Geology Reviews</i> , 2020, 124, 103654.	1.1	6

#	ARTICLE	IF	CITATIONS
55	Procesos de mineralización en manantiales hidrotermales submarinos someros. Ejemplos en México. Boletín De La Sociedad Geológica Mexicana, 2006, 58, 83-102.	0.1	6
56	Fisicoquímica de salmueras e hidrocarburos en cuencas petroleras y en depósitos minerales tipo Mississippi Valley y asociados Parte II: ejemplos de la Cuenca de Sabinas y la Cuenca del Sureste, México. Boletín De La Sociedad Geológica Mexicana, 2008, 60, 23-42.	0.1	6
57	Consideraciones sobre el sistema geotérmico de San Bartolomé de los Baños, Guanajuato (México), desde un análisis de la alteración hidrotermal y las inclusiones fluidas. Geofísica Internacional, 2019, 58, 229-246.	0.2	6
58	Comment on "Berthierine and chamosite hydrothermal: genetic guides in the Peña Colorada magnetite-bearing ore deposit, Mexico". Earth, Planets and Space, 2009, 61, 291-295.	0.9	5
59	Comparative study of sampling methods and in situ and laboratory analysis for shallow-water submarine hydrothermal systems. Journal of Geochemical Exploration, 2006, 89, 414-419.	1.5	4
60	Geochemical processes in an active shallow submarine hydrothermal system, Bahía Concepción, México: mixing or boiling?. International Geology Review, 2012, 54, 907-919.	1.1	4
61	The Upper Cretaceous Guaynopa IOCG and Guaynopita porphyry copper deposits, Chihuahua, Mexico. Ore Geology Reviews, 2017, 81, 1096-1112.	1.1	4
62	Batimetría y características hidrográficas (Mayo, 2007) en las Cuencas de Consag y Wagner, Norte del Golfo de California, México. Boletín De La Sociedad Geológica Mexicana, 2009, 61, 119-127.	0.1	4
63	Secuencia vulcano-sedimentaria La Esperanza (Cretácico Inferior) al norte de Guanajuato, México: Importancia en la exploración de sulfuros masivos vulcanogénicos. Boletín De La Sociedad Geológica Mexicana, 2013, 65, 511-525.	0.1	4
64	Las gemas de México. Boletín De La Sociedad Geológica Mexicana, 2007, 59, 9-18.	0.1	3
65	Modelo de formación de los yacimientos estratoligados de Cu en lechos rojos de Las Vigas (Chihuahua, México). Boletín De La Sociedad Geológica Mexicana, 2017, 69, 611-635.	0.1	3
66	Fluid inclusion and S isotope study in the San Carlos epithermal vein of the Fresnillo district, Zacatecas, Mexico. Journal of Geochemical Exploration, 2009, 101, 19.	1.5	2
67	Geochemical evidence for a multi-source origin of manganese in the Montaña de Manganeso deposit, central Mexico. Chemie Der Erde, 2021, , 125789.	0.8	2
68	Genetic model for Jurassic shale-hosted Zn-Pb deposits of the Arak Mining District, Malayer-Esfahan metallogenic belt: Insight from sedimentological, textural, and stable isotope characteristics. Ore Geology Reviews, 2021, 136, 104262.	1.1	1
69	Mineralization and Structural Controls of the AB-Bid Carbonate-Hosted Pb-Zn (±Cu) Deposit, Tabas-Posht e Badam Metallogenic Belt, Iran. Minerals (Basel, Switzerland), 2022, 12, 95.	0.8	1
70	Volume reduction of water samples to increase sensitivity for radioassay of lead contamination. Applied Water Science, 2022, 12, .	2.8	1
71	The Francisco I. Madero Zn-Cu-Pb (Ag) deposit, Zacatecas, Mexico: Mineral chemistry and fluid inclusion data. Journal of Geochemical Exploration, 2009, 101, 20.	1.5	0