

Edgar Berrezueta

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

664
citations

566801

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610482

24
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52
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52
docs citations

52
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Landslides in the Central Coalfield (Cantabrian Mountains, NW Spain): Geomorphological features, conditioning factors and methodological implications in susceptibility assessment. <i>Geomorphology</i> , 2007, 89, 358-369.	1.1	57
2	Geotourism and Local Development Based on Geological and Mining Sites Utilization, Zaruma-Portovelo, Ecuador. <i>Geosciences (Switzerland)</i> , 2018, 8, 205.	1.0	57
3	Geosites and Georesources to Foster Geotourism in Communities: Case Study of the Santa Elena Peninsula Geopark Project in Ecuador. <i>Sustainability</i> , 2020, 12, 4484.	1.6	45
4	Geoheritage and Geosites: A Bibliometric Analysis and Literature Review. <i>Geosciences (Switzerland)</i> , 2022, 12, 169.	1.0	40
5	Representativity of 2D Shape Parameters for Mineral Particles in Quantitative Petrography. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 768.	0.8	33
6	Pore system changes during experimental CO2 injection into detritic rocks: Studies of potential storage rocks from some sedimentary basins of Spain. <i>International Journal of Greenhouse Gas Control</i> , 2013, 17, 411-422.	2.3	31
7	Pore network quantification of sandstones under experimental CO2 injection using image analysis. <i>Computers and Geosciences</i> , 2015, 77, 97-110.	2.0	30
8	Quantitative and Qualitative Assessment of the "El Sexmo" Tourist Gold Mine (Zaruma, Ecuador) as A Geosite and Mining Site. <i>Resources</i> , 2020, 9, 28.	1.6	30
9	Geosites and Geotourism in the Local Development of Communities of the Andes Mountains. A Case Study. <i>Sustainability</i> , 2021, 13, 4624.	1.6	26
10	Ore Petrography Using Optical Image Analysis: Application to Zaruma-Portovelo Deposit (Ecuador). <i>Geosciences (Switzerland)</i> , 2016, 6, 30.	1.0	24
11	Semi-automated procedure of digitalization and study of rock thin section porosity applying optical image analysis tools. <i>Computers and Geosciences</i> , 2019, 124, 14-26.	2.0	23
12	Evaluation of a Paleontological Museum as Geosite and Base for Geotourism. A Case Study. <i>Heritage</i> , 2021, 4, 1208-1227.	0.9	19
13	Geodiversity assessment to regional scale: Ecuador as a case study. <i>Environmental Science and Policy</i> , 2022, 136, 167-186.	2.4	18
14	Assessment of Geomorphosites for Geotourism in the Northern Part of the "Ruta Escondida" (Quito, Ecuador). <i>Geosciences (Switzerland)</i> , 2021, 11, 1000.	1.0	16
15	Inventory and Characterization of Geosites in Ecuador: a Review. <i>Geoheritage</i> , 2021, 13, 1.	1.5	16
16	Bibliometric Analysis of Groundwater's Life Cycle Assessment Research. <i>Water (Switzerland)</i> , 2022, 14, 1082.	1.2	15
17	Forest Fire Assessment Using Remote Sensing to Support the Development of an Action Plan Proposal in Ecuador. <i>Remote Sensing</i> , 2022, 14, 1783.	1.8	14
18	Community-University Partnership in Water Education and Linkage Process. Study Case: Manglaralto, Santa Elena, Ecuador. <i>Water (Switzerland)</i> , 2021, 13, 1998.	1.2	13

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19	Georoutes as a Basis for Territorial Development of the Pacific Coast of South America: a Case Study. <i>Geoheritage</i> , 2022, 14, .	1.5	12
20	Assessment and Promotion of Geotouristic and Geomining Routes as a Basis for Local Development: A Case Study. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 351.	0.8	11
21	Application of optical image analysis to the assessment of pore space evolution after CO ₂ injection in sandstones. A case study. <i>Journal of Petroleum Science and Engineering</i> , 2017, 159, 679-690.	2.1	10
22	Qualitative and Quantitative Changes of Carbonate Rocks Exposed to SC CO ₂ (Basque-Cantabrian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	10
23	Mineral Carbonation of CO ₂ in Mafic Plutonic Rocks, lâ€™Screening Criteria and Application to a Case Study in Southwest Portugal. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4879.	1.3	10
24	Evaluation of Slope Stability in an Urban Area as a Basis for Territorial Planning: A Case Study. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5013.	1.3	10
25	Evaluation of Slope Stability Considering the Preservation of the General Patrimonial Cemetery of Guayaquil, Ecuador. <i>Geosciences (Switzerland)</i> , 2019, 9, 103.	1.0	9
26	Assessment of Geosites within a Natural Protected Area: A Case Study of Cajas National Park. <i>Sustainability</i> , 2022, 14, 3120.	1.6	9
27	A Mineralogical Museum as a Geotourism Attraction: A Case Study. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 582.	0.8	8
28	Erosion directionality and seasonality study using the anisotropy matrix. Application in a semiarid Mediterranean climate (SE Spain). <i>Science of the Total Environment</i> , 2022, 804, 150165.	3.9	8
29	Qualitative and quantitative changes in detrital reservoir rocks caused by CO ₂ and brine-rock interactions during first injection phases (Utrillas sandstones, northern Spain). <i>Solid Earth</i> , 2016, 7, 37-53.	1.2	7
30	Automated microscopic characterization of metallic ores with image analysis: a key to improve ore processing. I: test of the methodology. <i>Revista De Metalurgia</i> , 2007, 43, .	0.1	7
31	Surface and Underground Geomechanical Characterization of an Area Affected by Instability Phenomena in Zaruma Mining Zone (Ecuador). <i>Sustainability</i> , 2021, 13, 3272.	1.6	6
32	Petrographic and Petrophysical Characterization of Detrital Reservoir Rocks for CO ₂ Geological Storage (Utrillas and Escucha Sandstones, Northern Spain). <i>Geosciences (Switzerland)</i> , 2018, 8, 246.	1.0	5
33	Mineral Carbonation of CO ₂ in Mafic Plutonic Rocks, lâ€™Laboratory Experiments on Early-Phase Supercritical CO ₂ Brine-Rock Interactions. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5083.	1.3	5
34	Geotouristic Route Proposal for Touristic Development in a Mining Areaâ€™Case Study. <i>Resources</i> , 2022, 11, 25.	1.6	5
35	Caracterizaci3n mineral3gica y petrogr3fica de las vetas Vizcaya, Octubrina y Gabi del yacimiento aurifero epitermal Zaruma-Portovelo, Ecuador. , 2021, , 421-437.		5
36	Pore Space Quantification of Sedimentary Rocks before-after Supercritical CO ₂ Interaction by Optical Image Analysis. <i>Energy Procedia</i> , 2017, 114, 4382-4393.	1.8	4

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37	Ophiolitic rocks and plagioclites from SW Ecuador (Cerro San Jos�): petrology, geochemistry and tectonic setting. Journal of Iberian Geology, 2021, 47, 367-386.	0.7	4
38	Microscopic digital image analysis of gold ores: a critical test of methodology, comparing reflected light and electron microscopy. Mining, Metallurgy and Exploration, 2002, 19, 102-109.	0.4	2
39	COMMUNICATION METHODS ON WATER CARE DURING THE COVID-19 PANDEMIC AND ITS IMPACT ON THE RESILIENCE OF THE RURAL COMMUNITY OF "LIBERTADOR BOLIVAR", ECUADOR. WIT Transactions on Ecology and the Environment, 2021, , .	0.0	2
40	Reconocimiento automatizado de menas met�licas mediante an�lisis digital de imagen: un apoyo al proceso mineral�rgico. II: criterios metalog�nicos discriminantes. Revista De Metalurgia, 2009, 45, 439-456.	0.1	2
41	PROPOSAL FOR THE MANAGEMENT OF SOLID WASTE GENERATED IN A UNIVERSITY CAMPUS: A CASE STUDY. WIT Transactions on Ecology and the Environment, 2021, , .	0.0	2
42	Optical image and microchemical analysis of gold grains from a weathered profile of the Minvoul greenstone belt, northern Gabon. Geological Magazine, 2020, 157, 307-320.	0.9	1
43	DESIGN OF A SEWAGE AND WASTEWATER TREATMENT SYSTEM FOR POLLUTION MITIGATION IN EL ROSARIO, EL EMPALME, ECUADOR. , 2021, , .		1
44	Geoenvironmental analysis of oil extraction activities in urban and rural zones of Santa Elena Province, Ecuador. International Journal of Energy Production and Management, 2021, 6, 211-228.	1.9	1
45	Geochemical Modeling of CO2-Brine Gabbro-diorite Interaction for in-situ Mineral Carbonation. , 2021, , .		0
46	VALUATION OF A COMMUNITY COMPANY AND ITS IMPACT ON DEVELOPMENT STRATEGIES. , 2021, , .		0
47	Geoenvironmental analysis of oil extraction activities in urban and rural zones of Santa Elena Province, Ecuador. International Journal of Energy Production and Management, 2021, 6, 211-228.	1.9	0
48	Exploraci�n de Aguas Subterráneas para un Plan de Abastecimiento Sostenible en una Comunidad Rural: Caso Cadeate, Santa Elena, Ecuador. , 0, , .		0