

Marc Bascompta

List of Publications by Year in descending order

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35
papers

251
citations

1040056

9
h-index

1058476

14
g-index

38
all docs

38
docs citations

38
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Occupational Accidents in Underground and Surface Mining in Spain Using Data-Mining Techniques. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 462.	2.6	40
2	Subsidence Management System for Underground Mining. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 243.	2.0	21
3	Ventilation management system for underground environments. <i>Tunnelling and Underground Space Technology</i> , 2015, 50, 516-522.	6.2	15
4	Analysis of a Historical Accident in a Spanish Coal Mine. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3615.	2.6	15
5	An Improved High-Pressure Roll Crusher Model for Tungsten and Tantalum Ores. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 170.	2.0	14
6	Breakage Function for HPGR: Mineral and Mechanical Characterization of Tantalum and Tungsten Ores. <i>Minerals (Basel, Switzerland)</i> , 2018, 8, 170.	2.0	14
7	Mine Fire Behavior under Different Ventilation Conditions: Real-Scale Tests and CFD Modeling. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3380.	2.5	14
8	A GIS-based approach: Influence of the ventilation layout to the environmental conditions in an underground mine. <i>Journal of Environmental Management</i> , 2016, 182, 525-530.	7.8	13
9	The Importance of Mineralogical Knowledge in the Sustainability of Artisanal Gold Mining: A Mid-South Peru Case. <i>Minerals (Basel, Switzerland)</i> , 2019, 9, 345.	2.0	10
10	Analysis of the Fire Propagation in a Sublevel Coal Mine. <i>Energies</i> , 2020, 13, 3754.	3.1	9
11	Determination and Fire Analysis of Gob Characteristics Using CFD. <i>Energies</i> , 2020, 13, 5274.	3.1	9
12	Liberation Characteristics of Sn Ores from Penouta, NW Spain. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 509.	2.0	9
13	Safety culture maturity assessment for mining activities in South America. <i>Work</i> , 2018, 61, 125-133.	1.1	7
14	High-pressure grinding rolls: model validation and function parameters dependency on process conditions. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5476-5489.	5.8	7
15	Airflow Stability and Diagonal Mine Ventilation System Optimization: A Case Study. <i>Journal of Mining Science</i> , 2018, 54, 813-820.	0.6	6
16	Vibration Analysis and Empirical Law Definition for Different Equipment in a Civil Construction. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4689.	2.5	6
17	Determination of the ground vibration attenuation law from a single blast: A particular case of trench blasting. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2021, 13, 1182-1192.	8.1	6
18	Used Tires as Fuel in Clinker Production: Economic and Environmental Implications. <i>Sustainability</i> , 2021, 13, 10455.	3.2	4

#	ARTICLE	IF	CITATIONS
19	Ventilation friction factor determination and comparison: Two case studies of potash mining. Journal of the Southern African Institute of Mining and Metallurgy, 2019, 119, .	0.3	4
20	Determination of the friction factors in potash mines. Journal of Mining Science, 2014, 50, 953-958.	0.6	3
21	Evaluaci3n de los flujos de calor en una mina subterr3nea y enfoque para mejorar sus condiciones ambientales. DYNA (Colombia), 2016, 83, 174.	0.4	3
22	New approach to ball mill modelling as a piston flow process. Minerals Engineering, 2018, 116, 82-87.	4.3	3
23	Analysis of the European tourist mines and caves to design a monitoring system. DYNA (Colombia), 2018, 85, 249-255.	0.4	3
24	Temperature Prediction Model in the Main Ventilation System of an Underground Mine. Applied Sciences (Switzerland), 2020, 10, 7238.	2.5	3
25	Holistic Approach to Define the Blast Design in Quarrying. Minerals (Basel, Switzerland), 2022, 12, 191.	2.0	3
26	Analysis of Occupational Accidents in the Spanish Mining Sector in the Period 2009â€”2018. International Journal of Environmental Research and Public Health, 2021, 18, 13122.	2.6	2
27	Safety Culture Maturity in Several Latin America Mining Activities. , 0, , .		0
28	Comparison of Accidents at Work between Open Pit and Underground Mining in Spain Using Data Mining Techniques. , 0, , .		0
29	Assessment of an Underground Fire and the Emergency Plan. , 0, , .		0
30	Subsidence Analysis and Comparison between GPS Measurements and Interferometry. , 0, , .		0
31	CFD Friction Factors Verification in an Underground Mine. , 0, , .		0
32	Management of Subsidence in a Potash Mining Area. , 0, , .		0
33	Friction Factors Determination of the Auxiliary Ventilation System in an Underground Mine. , 0, , .		0
34	Assessment of errors in the transmission of the orientation and cartographic system from the surface to an underground mine. Journal of the South African Institute of Mining and Metallurgy, 2020, 120, .	0.5	0
35	Representative-Area Approach to Define Blast-Induced Ground Vibrationsâ€”Damage Prevention Criterion Abacus. Minerals (Basel, Switzerland), 2022, 12, 691.	2.0	0