

Mehdi Azadi

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

408
citations

1040056

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1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

400
citing authors

#	ARTICLE	IF	CITATIONS
1	A CFD study of the effect of cyclone size on its performance parameters. <i>Journal of Hazardous Materials</i> , 2010, 182, 835-841.	12.4	142
2	Transparency on greenhouse gas emissions from mining to enable climate change mitigation. <i>Nature Geoscience</i> , 2020, 13, 100-104.	12.9	101
3	Attractive Forces between Hydrophobic Solid Surfaces Measured by AFM on the First Approach in Salt Solutions and in the Presence of Dissolved Gases. <i>Langmuir</i> , 2015, 31, 1941-1949.	3.5	49
4	An analytical study of the effect of inlet velocity on the cyclone performance using mathematical models. <i>Powder Technology</i> , 2012, 217, 121-127.	4.2	22
5	Opportunities for Mineral Carbonation in Australia's Mining Industry. <i>Sustainability</i> , 2019, 11, 1250.	3.2	20
6	Experimental study of filtration system performance of natural gas in urban transmission and distribution network: A case study on the city of Kerman, Iran. <i>Fuel</i> , 2011, 90, 1166-1171.	6.4	16
7	Multi-fluid Eulerian modeling of limestone particles' elutriation from a binary mixture in a gas-solid fluidized bed. <i>Journal of Industrial and Engineering Chemistry</i> , 2011, 17, 229-236.	5.8	14
8	A case study on suspended particles in a natural gas urban transmission and distribution network. <i>Fuel Processing Technology</i> , 2012, 93, 65-72.	7.2	14
9	Beyond the social license to operate: Whole system approaches for a socially responsible mining industry. <i>Energy Research and Social Science</i> , 2022, 83, 102343.	6.4	11
10	The Effect of Dissolved Gases on the Short-Range Attractive Force between Hydrophobic Surfaces in the Absence of Nanobubble Bridging. <i>Langmuir</i> , 2020, 36, 9987-9992.	3.5	9
11	Direct Dry Carbonation of Mining and Industrial Wastes in a Fluidized Bed for Offsetting Carbon Emissions. <i>Processes</i> , 2022, 10, 582.	2.8	5
12	Future of battery metals supply. <i>Resources, Conservation and Recycling</i> , 2022, 182, 106283.	10.8	3
13	Hydrodynamic modeling of the entrainment of Geldart A group particles in gas-solid fluidized bed: The effect of column diameter. <i>Korean Journal of Chemical Engineering</i> , 2011, 28, 1599-1607.	2.7	2