Parviz Pourghahramani

List of Publications by Year
in descending order

19 papers	442 citations	933447 10 h-index	839539 18 g-index
19 all docs	19 docs citations	19 times ranked	483 citing authors

#	Article	IF	Citations
1	Microstructure characterization of mechanically activated hematite using XRD line broadening. International Journal of Mineral Processing, 2006, 79, 106-119.	2.6	107
2	Microstructural characterization of hematite during wet and dry millings using Rietveld and XRD line profile analyses. Powder Technology, 2008, 186, 9-21.	4.2	62
3	Comparative study of microstructural characteristics and stored energy of mechanically activated hematite in different grinding environments. International Journal of Mineral Processing, 2006, 79, 120-139.	2.6	50
4	REVIEW OF APPLIED PARTICLE SHAPE DESCRIPTORS AND PRODUCED PARTICLE SHAPES IN GRINDING ENVIRONMENTS. PART I: PARTICLE SHAPE DESCRIPTORS. Mineral Processing and Extractive Metallurgy Review, 2005, 26, 145-166.	5.0	49
5	Impact of mechanical activation and mechanochemical activation on natural pyrite dissolution. Hydrometallurgy, 2015, 153, 83-87.	4.3	27
6	Selective mechanochemical alkaline leaching of zinc from zinc plant residue. Hydrometallurgy, 2015, 156, 165-172.	4.3	23
7	Characterization of structural changes of mechanically activated natural pyrite using XRD line profile analysis. International Journal of Mineral Processing, 2015, 134, 23-28.	2.6	23
8	Hydrometallurgical recycling of cobalt from zinc plants residue. Journal of Material Cycles and Waste Management, 2018, 20, 155-166.	3.0	20
9	Mechanochemistry in preparation of nanocrystalline semiconductors. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 3756-3758.	0.8	15
10	Influence of mechanical activation on the reactivity of natural pyrite in lead (II) removal from aqueous solutions. Journal of Industrial and Engineering Chemistry, 2015, 25, 131-137.	5.8	13
11	The characterization of structural changes in hematite ground in a confined particle bed using Rietveld analysis. International Journal of Mineral Processing, 2007, 83, 47-59.	2.6	10
12	PbS nanostructures synthesized via surfactant assisted mechanochemical route. Open Chemistry, 2009, 7, 215-221.	1.9	10
13	Mechanochemical reduction of natural pyrite by aluminum and magnesium. Journal of Alloys and Compounds, 2016, 657, 144-151.	5.5	8
14	Mechanical activation of natural acidic igneous rocks for use in cement. International Journal of Mineral Processing, 2015, 134, 82-88.	2.6	7
15	Investigation of Particles Breakage and Weakening Behaviors in Multi-Component Feed Grinding by High Pressure Grinding Rolls (HPGR). Mineral Processing and Extractive Metallurgy Review, 2022, 43, 217-232.	5.0	6
16	Implementation of sonochemical leaching for preparation of nano zero-valent iron (NZVI) from natural pyrite mechanochemically reacted with Al. International Journal of Mineral Processing, 2017, 164, 1-5.	2.6	5
17	Zinc Extraction from Zinc Plants Residue Using Selective Alkaline Leaching and Electrowinning. Journal of the Institution of Engineers (India): Series D, 2015, 96, 179-187.	1.0	3
18	The Effect of Feed Characteristics on Particles Breakage and Weakening Behavior in High Pressure Grinding Rolls (HPGR). Mineral Processing and Extractive Metallurgy Review, 0, , 1-12.	5.0	3

#	Article	IF	Citations
19	An Experimental Investigation on the Copper Recovery from Flotation Tailing Dams by Reflotation. Russian Journal of Non-Ferrous Metals, 2018, 59, 23-31.	0.6	1