Ugur Ulusoy

List of Publications by Year
in descending order

35 papers	932 citations	471061 17 h-index	454577 30 g-index
36 all docs	36 docs citations	36 times ranked	590 citing authors

#	Article	IF	Citations
1	Prediction of average shape values of quartz particles by vibrating disc and ball milling using dynamic image analysis based on established time-dependent shape models. Particulate Science and Technology, 2022, 40, 870-886.	1.1	3
2	REVIEW: COMPARISON OF ULTRASONICALLY AIDED ZINC BENEFICIATION BY MECHANICAL FLOTATION AND COLUMN FLOTATION CELL. EUREKA, Physics and Engineering, 2021, , 3-13.	0.4	2
3	COMPARISON OF PARTICLE SHAPES OF CONVENTIONALLY GROUND BARITE, CALCITE AND TALC MINERALS BY DYNAMIC IMAGING TECHNIQUE: A REVIEW. EUREKA, Physics and Engineering, 2020, 5, 80-90.	0.4	1
4	Quantifying of particle shape differences of differently milled barite using a novel technique: Dynamic image analysis. Materialia, 2019, 8, 100434.	1.3	10
5	Dynamic image analysis of differently milled talc particles and comparison by various methods. Particulate Science and Technology, 2018, 36, 332-339.	1.1	6
6	Concentration of celestite by oil agglomeration. , 2017, , .		0
7	Machine vision methods based particle size distribution of ball- and gyro-milled lignite and hard coal. Powder Technology, 2016, 297, 71-80.	2.1	18
8	Particle size distribution modeling of milled coals by dynamic image analysis and mechanical sieving. Fuel Processing Technology, 2016, 143, 100-109.	3.7	43
9	Zinc Recovery from a Leadâ€"Zincâ€"Copper Ore by Ultrasonically Assisted Column Flotation. Particulate Science and Technology, 2015, 33, 349-356.	1.1	17
10	Correlation of the Particle Size Distribution Parameters with Sieving Rate Constant. Particulate Science and Technology, 2014, 32, 118-122.	1.1	4
11	Dynamic image analysis of calcite particles created by different mills. International Journal of Mineral Processing, 2014, 133, 83-90.	2.6	22
12	Determination of optimum washing conditions for a lignite coal based on ash and sulfur content. Fuel, 2014, 123, 52-58.	3.4	13
13	Dynamic image based shape analysis of hard and lignite coal particles ground by laboratory ball and gyro mills. Fuel Processing Technology, 2014, 126, 350-358.	3.7	20
14	An optimization study of yield for a coal washing plant from Zonguldak region. Fuel Processing Technology, 2013, 115, 110-114.	3.7	13
15	Zinc Recovery From Leadâ€"Zincâ€"Copper Complex Ores by Using Column Flotation. Mineral Processing and Extractive Metallurgy Review, 2012, 33, 327-338.	2.6	14
16	Comparison of particle size distribution of celestite mineral by machine vision Î£Volume approach and mechanical sieving. Powder Technology, 2012, 215-216, 137-146.	2.1	30
17	Comparison of different 2D image analysis measurement techniques for the shape of talc particles produced by different media milling. Minerals Engineering, 2011, 24, 91-97.	1.8	39
18	Application of ANOVA to image analysis results of talc particles produced by different milling. Powder Technology, 2008, 188, 133-138.	2.1	49

#	Article	IF	Citations
19	Combination of Different Size Distributions for Mineral Particles by Applying Experimentally Determined Apparent Mean Shape Factor. Particulate Science and Technology, 2008, 26, 158-168.	1.1	1
20	Combination of the Particle Size Distributions of Some Industrial Minerals Measured by Andreasen Pipette and Sieving Techniques. Particle and Particle Systems Characterization, 2006, 23, 448-456.	1.2	3
21	Response of rough and acute surfaces of pyrite with 3-D approach to the flotation. Journal of Mining Science, 2006, 42, 393-402.	0.1	16
22	Influence of shape characteristics of talc mineral on the column flotation behavior. International Journal of Mineral Processing, 2006, 78, 262-268.	2.6	64
23	Correlation of the surface roughness of some industrial minerals with their wettability parameters. Chemical Engineering and Processing: Process Intensification, 2005, 44, 555-563.	1.8	63
24	Flotation responses to the morphological properties of particles measured with three-dimensional approach. International Journal of Mineral Processing, 2005, 75, 229-236.	2.6	34
25	Characterisation of surface roughness and wettability of salt-type minerals: calcite and barite. Institutions of Mining and Metallurgy Transactions Section C: Mineral Processing and Extractive Metallurgy, 2004, 113, 145-152.	0.6	17
26	Effect of particle shape and roughness of talc mineral ground by different mills on the wettability and floatability. Powder Technology, 2004, 140, 68-78.	2.1	117
27	Variation of critical surface tension for wetting of minerals with roughness determined by Surtronic 3+ instrument. International Journal of Mineral Processing, 2004, 74, 61-69.	2.6	23
28	Role of shape properties of calcite and barite particles on apparent hydrophobicity. Chemical Engineering and Processing: Process Intensification, 2004, 43, 1047-1053.	1.8	60
29	Effects of the shape properties of talc and quartz particles on the wettability based separation processes. Applied Surface Science, 2004, 233, 204-212.	3.1	47
30	Determination of the shape, morphological and wettability properties of quartz and their correlations. Minerals Engineering, 2003, 16, 951-964.	1.8	100
31	Kinetics of dry grinding of industrial minerals: calcite and barite. International Journal of Mineral Processing, 2002, 67, 29-42.	2.6	29
32	Investigation of the effect of agglomeration time, pH and various salts on the cleaning of Zonguldak bituminous coal by oil agglomeration1. Fuel, 2002, 81, 1131-1137.	3.4	43
33	Breakage parameters of chromite and simulation of the product-size distributions. Developments in Mineral Processing, 2000, 13, C4-16-C4-21.	0.0	2
34	Quantifying of Particle Shape Differences of Different Milled Barite Using a Novel Technique; Dynamic Image Analysis. SSRN Electronic Journal, 0, , .	0.4	0
35	Particle shape characterization of shaking table streams in a Turkish chromite concentration plant by using dynamic imaging and microscopical techniques. Particulate Science and Technology, 0, , 1-10.	1.1	5