

# Mehdi Parian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5257646/publications.pdf>

Version: 2024-02-01

11  
papers

159  
citations

1307594

7  
h-index

1281871

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g-index

11  
all docs

11  
docs citations

11  
times ranked

119  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of mineral grades for geometallurgy: Combined element-to-mineral conversion and quantitative X-ray diffraction. Minerals Engineering, 2015, 82, 25-35.	4.3	38
2	A novel approach for modelling of physical interactions between slurry, grinding media and mill structure in wet stirred media mills. Minerals Engineering, 2020, 148, 106180.	4.3	24
3	Breakage process of mineral processing comminution machines – An approach to liberation. Advanced Powder Technology, 2020, 31, 3669-3685.	4.1	21
4	Development and experimental validation of a texture-based 3D liberation model. Minerals Engineering, 2021, 164, 106828.	4.3	21
5	Ore texture breakage characterization and fragmentation into multiphase particles. Powder Technology, 2018, 327, 57-69.	4.2	20
6	Developing a particle-based process model for unit operations of mineral processing – WLIMS. International Journal of Mineral Processing, 2016, 154, 53-65.	2.6	11
7	Study on the impacts of media shapes on the performance of tumbling mills – A review. Minerals Engineering, 2020, 157, 106490.	4.3	10
8	Characterization of ore texture crack formation and liberation by quantitative analyses of spatial deformation. Minerals Engineering, 2020, 157, 106577.	4.3	7
9	Quantitative analysis of ore texture breakage characteristics affected by loading mechanism: Fragmentation and mineral liberation. Minerals Engineering, 2022, 182, 107561.	4.3	4
10	Quantitative analysis of ore texture breakage characteristics affected by loading mechanism: Multivariate data analysis of particle texture parameters. Minerals Engineering, 2022, 181, 107531.	4.3	2
11	Process simulations in mineralogy-based geometallurgy of iron ores. Mineral Processing and Extractive Metallurgy: Transactions of the Institute of Mining and Metallurgy, 2021, 130, 25-30.	0.2	1