

# Mohammad Waqar Ali Asad

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

333  
citations

759233

12  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pattern search method for accelerating Stope boundary optimization problem in underground mining operations. <i>Engineering Optimization</i> , 2022, 54, 881-893.	2.6	2
2	An optimal cut-off grade policy under diverse stockpile handling strategies in open-pit mining operations. <i>International Journal of Mining, Reclamation and Environment</i> , 2021, 35, 141-151.	2.8	2
3	Review of Solution Methodologies for Open Pit Mine Production Scheduling Problem. <i>International Journal of Mining, Reclamation and Environment</i> , 2021, 35, 564-599.	2.8	18
4	A mathematical model for open pit mine production scheduling with Grade Engineering <sup>®</sup> and stockpiling. <i>International Journal of Mining Science and Technology</i> , 2021, 31, 717-728.	10.3	13
5	A mixed integer programming based cut-off grade model for open-pit mining of complex poly-metallic resources. <i>Resources Policy</i> , 2021, 72, 102076.	9.6	2
6	A mathematical programming model for optimal cut-off grade policy in open pit mining operations with multiple processing streams. <i>International Journal of Mining, Reclamation and Environment</i> , 2020, 34, 149-158.	2.8	11
7	Simultaneous stochastic optimization of production sequence and dynamic cut-off grades in an open pit mining operation. <i>Resources Policy</i> , 2020, 66, 101634.	9.6	23
8	A new model for open-pit production and waste-dump scheduling. <i>Engineering Optimization</i> , 2019, 51, 718-732.	2.6	23
9	A method for optimal cut-off grade policy in open pit mining operations under uncertain supply. <i>Resources Policy</i> , 2019, 60, 178-184.	9.6	15
10	A review of cut-off grade policy models for open pit mining operations. <i>Resources Policy</i> , 2016, 49, 142-152.	9.6	30
11	Production phase and ultimate pit limit design under commodity price uncertainty. <i>European Journal of Operational Research</i> , 2016, 248, 658-667.	5.7	38
12	A heuristic approach to optimal design of an underground mine stope layout. <i>Applied Soft Computing Journal</i> , 2015, 30, 595-603.	7.2	31
13	Designing an optimal stope layout for underground mining based on a heuristic algorithm. <i>International Journal of Mining Science and Technology</i> , 2015, 25, 767-772.	10.3	17
14	Stochastic production phase design for an open pit mining complex with multiple processing streams. <i>Engineering Optimization</i> , 2014, 46, 1139-1152.	2.6	16
15	A heuristic approach to stochastic cutoff grade optimization for open pit mining complexes with multiple processing streams. <i>Resources Policy</i> , 2013, 38, 591-597.	9.6	36
16	Optimal production scale of open pit mining operations with uncertain metal supply and long-term stockpiles. <i>Resources Policy</i> , 2012, 37, 81-89.	9.6	22
17	A heuristic approach to long-range production planning of cement quarry operations. <i>Production Planning and Control</i> , 2011, 22, 353-364.	8.8	13
18	A MIXED-INTEGER LINEAR PROGRAMMING (MILP) MODEL FOR SHORT-RANGE PRODUCTION SCHEDULING OF CEMENT QUARRY OPERATIONS. <i>Asia-Pacific Journal of Operational Research</i> , 2010, 27, 315-333.	1.3	12

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19	Multi-period quarry production planning through sequencing techniques and sequencing algorithm. Journal of Mining Science, 2008, 44, 206-217.	0.6	9