

Hooman Askari-Nasab

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

493
citations

758635

12
h-index

752256

20
g-index

28
all docs

28
docs citations

28
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Mining fleet management systems: a review of models and algorithms. <i>International Journal of Mining, Reclamation and Environment</i> , 2019, 33, 42-60.	1.2	65
2	Mixed integer linear programming formulations for open pit production scheduling. <i>Journal of Mining Science</i> , 2011, 47, 338-359.	0.1	47
3	A multiple objective transportation problem approach to dynamic truck dispatching in surface mines. <i>European Journal of Operational Research</i> , 2019, 276, 331-342.	3.5	47
4	Simulation and optimization approach for uncertainty-based short-term planning in open pit mines. <i>International Journal of Mining Science and Technology</i> , 2018, 28, 153-166.	4.6	44
5	Two-stage clustering algorithm for block aggregation in open pit mines. <i>Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A</i> , 2011, 120, 158-169.	0.8	41
6	A mixed integer linear programming model for short-term open pit mine production scheduling. <i>Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A</i> , 2012, 121, 97-108.	0.8	37
7	Integration of reclamation and tailings management in oil sands surface mine planning. <i>Environmental Modelling and Software</i> , 2014, 51, 45-58.	1.9	27
8	Dynamic shovel allocation approach to short-term production planning in open-pit mines. <i>International Journal of Mining, Reclamation and Environment</i> , 2019, 33, 1-20.	1.2	25
9	Modelling open pit dynamics using discrete simulation. <i>International Journal of Mining, Reclamation and Environment</i> , 2007, 21, 35-49.	1.2	20
10	Oil sands mine planning and waste management using mixed integer goal programming. <i>International Journal of Mining, Reclamation and Environment</i> , 2011, 25, 226-247.	1.2	20
11	A stochastic hybrid simulation-optimization approach towards haul fleet sizing in surface mines. <i>Mining Technology: Transactions of the Institute of Mining and Metallurgy</i> , 2019, 128, 9-20.	0.6	16
12	Truck-shovel allocation optimisation: a goal programming approach. <i>Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A</i> , 0, , 1-11.	0.8	15
13	Open pit optimisation using discounted economic block values. <i>Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A</i> , 2009, 118, 1-12.	0.8	14
14	A multi-objective model for fleet allocation schedule in open-pit mines considering the impact of prioritising objectives on transportation system performance. <i>International Journal of Mining, Reclamation and Environment</i> , 2021, 35, 709-727.	1.2	12
15	A mixed integer linear programming framework for optimising the extraction strategy of open pit "underground mining options and transitions. <i>International Journal of Mining, Reclamation and Environment</i> , 2020, 34, 700-724.	1.2	10
16	Incorporating waste management into oil sands long term production planning. <i>Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A</i> , 2013, 122, 33-45.	0.8	9
17	A simulation-based algorithm for solving surface mines™ equipment selection and sizing problem under uncertainty. <i>CIM Journal</i> , 2021, 12, 36-46.	0.3	7
18	An application of mathematical programming to determine the best height of draw in block-cave sequence optimisation. <i>Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A</i> , 2014, 123, 162-172.	0.8	6

#	ARTICLE	IF	CITATIONS
19	Multi-objective Mathematical Programming Framework for Integrated Oil Sands Mine Planning and Tailings Disposal Optimization. <i>Mining, Metallurgy and Exploration</i> , 2021, 38, 1355-1374.	0.4	6
20	Truck fleet size selection in open-pit mines based on the match factor using a MINLP model. <i>Mining Technology: Transactions of the Institute of Mining and Metallurgy</i> , 0, , 1-17.	0.6	5
21	Multi-stage optimization framework for the real-time truck decision problem in open-pit mines: a case study on Sungun copper mine. <i>International Journal of Mining, Reclamation and Environment</i> , 2022, 36, 461-491.	1.2	5
22	Implementation of a goal programming framework for production and dyke material planning. <i>International Journal of Mining, Reclamation and Environment</i> , 2018, 32, 536-563.	1.2	4
23	Improvements to production planning in oil sands mining through analysis and simulation of truck cycle times. <i>CIM Journal</i> , 2019, 10, .	0.3	4
24	Towards an integrated oil sands mine plan and composite tailings plan. <i>International Journal of Mining, Reclamation and Environment</i> , 2013, 27, 103-126.	1.2	3
25	Integrated mine and tailings planning: a mixed integer linear programming model. <i>International Journal of Mining, Reclamation and Environment</i> , 2016, 30, 319-346.	1.2	2
26	Operational mine planning in block cave mining: a simulation-optimisation approach. <i>International Journal of Mining, Reclamation and Environment</i> , 2021, 35, 199-218.	1.2	2
27	Simultaneous multi-sector block cave mine production scheduling considering operational uncertainties. <i>Mining Technology: Transactions of the Institute of Mining and Metallurgy</i> , 2021, 130, 36-51.	0.6	0