Hooman Askari-Nasab

List of Publications by Year
in descending order

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	Multi-stage optimization framework for the real-time truck decision problem in open-pit mines: a case study on Sungun copper mine. International Journal of Mining, Reclamation and Environment, 2022, 36, 461-491.	1.2	5
2	Operational mine planning in block cave mining: a simulation-optimisation approach. International Journal of Mining, Reclamation and Environment, 2021, 35, 199-218.	1.2	2
3	Simultaneous multi-sector block cave mine production scheduling considering operational uncertainties. Mining Technology: Transactions of the Institute of Mining and Metallurgy, 2021, 130, 36-51.	0.6	0
4	A simulation-based algorithm for solving surface mines' equipment selection and sizing problem under uncertainty. CIM Journal, 2021, 12, 36-46.	0.3	7
5	Multi-objective Mathematical Programming Framework for Integrated Oil Sands Mine Planning and Tailings Disposal Optimization. Mining, Metallurgy and Exploration, 2021, 38, 1355-1374.	0.4	6
6	A multi-objective model for fleet allocation schedule in open-pit mines considering the impact of prioritising objectives on transportation system performance. International Journal of Mining, Reclamation and Environment, 2021, 35, 709-727.	1.2	12
7	A mixed integer linear programming framework for optimising the extraction strategy of open pit – underground mining options and transitions. International Journal of Mining, Reclamation and Environment, 2020, 34, 700-724.	1.2	10
8	A stochastic hybrid simulation-optimization approach towards haul fleet sizing in surface mines. Mining Technology: Transactions of the Institute of Mining and Metallurgy, 2019, 128, 9-20.	0.6	16
9	A multiple objective transportation problem approach to dynamic truck dispatching in surface mines. European Journal of Operational Research, 2019, 276, 331-342.	3.5	47
10	Mining fleet management systems: a review of models and algorithms. International Journal of Mining, Reclamation and Environment, 2019, 33, 42-60.	1.2	65
11	Dynamic shovel allocation approach to short-term production planning in open-pit mines. International Journal of Mining, Reclamation and Environment, 2019, 33, 1-20.	1.2	25
12	Improvements to production planning in oil sands mining through analysis and simulation of truck cycle times. CIM Journal, 2019, 10, .	0.3	4
13	Simulation and optimization approach for uncertainty-based short-term planning in open pit mines. International Journal of Mining Science and Technology, 2018, 28, 153-166.	4.6	44
14	Implementation of a goal programming framework for production and dyke material planning. International Journal of Mining, Reclamation and Environment, 2018, 32, 536-563.	1.2	4
15	Integrated mine and tailings planning: a mixed integer linear programming model. International Journal of Mining, Reclamation and Environment, 2016, 30, 319-346.	1.2	2
16	An application of mathematical programming to determine the best height of draw in block-cave sequence optimisation. Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A, 2014, 123, 162-172.	0.8	6
17	Integration of reclamation and tailings management in oil sands surface mine planning. Environmental Modelling and Software, 2014, 51, 45-58.	1.9	27
18	Incorporating waste management into oil sands long term production planning. Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A, 2013, 122, 33-45.	0.8	9

#	Article	IF	Citations
19	Towards an integrated oil sands mine plan and composite tailings plan. International Journal of Mining, Reclamation and Environment, 2013, 27, 103-126.	1.2	3
20	A mixed integer linear programming model for short-term open pit mine production scheduling. Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A, 2012, 121, 97-108.	0.8	37
21	Mixed integer linear programming formulations for open pit production scheduling. Journal of Mining Science, 2011, 47, 338-359.	0.1	47
22	Oil sands mine planning and waste management using mixed integer goal programming. International Journal of Mining, Reclamation and Environment, 2011, 25, 226-247.	1.2	20
23	Two-stage clustering algorithm for block aggregation in open pit mines. Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A, 2011, 120, 158-169.	0.8	41
24	Open pit optimisation using discounted economic block values. Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A, 2009, 118, 1-12.	0.8	14
25	Modelling open pit dynamics using discrete simulation. International Journal of Mining, Reclamation and Environment, 2007, 21, 35-49.	1.2	20
26	Truck-shovel allocation optimisation: a goal programming approach. Mining Technology: Transactions of the Institute of Materials, Minerals and Mining Section A, 0, , 1-11.	0.8	15
27	Truck fleet size selection in open-pit mines based on the match factor using a MINLP model. Mining Technology: Transactions of the Institute of Mining and Metallurgy, 0, , 1-17.	0.6	5