

Eugene Ben-Awuah

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

222
citations

1040056

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1058476

14
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all docs

21
docs citations

21
times ranked

156
citing authors

#	ARTICLE	IF	CITATIONS
1	A stochastic mixed integer linear programming framework for oil sands mine planning and waste management in the presence of grade uncertainty. <i>CIM Journal</i> , 2022, 13, 16-37.	0.6	2
2	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.	0.8	6
3	A Review of Models and Algorithms for Surface-Underground Mining Options and Transitions Optimization: Some Lessons Learnt and the Way Forward. <i>Mining</i> , 2021, 1, 112-134.	2.4	10
4	Uncertainty-based mine planning framework for oil sands production scheduling and waste management. <i>CIM Journal</i> , 2021, 12, 116-134.	0.6	0
5	A robust mixed integer linear programming framework for underground cut-and-fill mining production scheduling. <i>International Journal of Mining, Reclamation and Environment</i> , 2020, 34, 397-414.	2.8	13
6	A two-step approach to incorporate cut-off grade and stockpiling in oil sands mine planning optimization framework. <i>Computers and Operations Research</i> , 2020, 115, 104659.	4.0	2
7	A mixed integer linear programming framework for optimising the extraction strategy of open pit and underground mining options and transitions. <i>International Journal of Mining, Reclamation and Environment</i> , 2020, 34, 700-724.	2.8	10
8	A Stochastic Mixed Integer Programming Framework for Underground Mining Production Scheduling Optimization Considering Grade Uncertainty. <i>IEEE Access</i> , 2020, 8, 24495-24505.	4.2	13
9	A two-step mathematical programming framework for undercut horizon optimization in block caving mines. <i>Resources Policy</i> , 2020, 65, 101586.	9.6	3
10	An automated production targeting goal programming framework for oil sands mine planning considering organic rich solids. <i>Mining Technology: Transactions of the Institute of Mining and Metallurgy</i> , 2020, 129, 53-67.	0.5	1
11	A conceptual framework for characterizing mineralized waste rocks as future resource. <i>International Journal of Mining Science and Technology</i> , 2019, 29, 429-435.	10.3	18
12	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.	2.8	4
13	Strategic mining options optimization: Open pit mining, underground mining or both. <i>International Journal of Mining Science and Technology</i> , 2016, 26, 1065-1071.	10.3	42
14	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
15	Towards an integrated oil sands mine plan and composite tailings plan. <i>International Journal of Mining, Reclamation and Environment</i> , 2013, 27, 103-126.	2.8	3
16	Analysis of embankment stability: a case study at Awaso mine, Ghana. <i>Dams and Reservoirs</i> , 2013, 23, 152-160.	0.2	0
17	Production Scheduling and Waste Disposal Planning for Oil Sands Mining Using Goal Programming. <i>Journal of Environmental Informatics</i> , 2012, 20, 20-33.	6.0	12
18	Mixed integer linear programming formulations for open pit production scheduling. <i>Journal of Mining Science</i> , 2011, 47, 338-359.	0.6	47

#	ARTICLE	IF	CITATIONS
19	Oil sands mine planning and waste management using mixed integer goal programming. International Journal of Mining, Reclamation and Environment, 2011, 25, 226-247.	2.8	20
20	Simultaneous Production Scheduling and Waste Management Optimization for an Oil Sands Application. Journal of Environmental Informatics, 0, , .	6.0	5
21	Optimisation of life-of-mine production scheduling for block-caving mines under mineral resource and material mixing uncertainty. International Journal of Mining, Reclamation and Environment, 0, , 1-21.	2.8	2