Eugene Ben-Awuah

List of Publications by Year
in descending order

21 papers	222 citations	1040056 9 h-index	1058476 14 g-index
21 all docs	21 docs citations	21 times ranked	156 citing authors

#	Article	IF	Citations
1	Mixed integer linear programming formulations for open pit production scheduling. Journal of Mining Science, 2011, 47, 338-359.	0.6	47
2	Strategic mining options optimization: Open pit mining, underground mining or both. International Journal of Mining Science and Technology, 2016, 26, 1065-1071.	10.3	42
3	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
4	A conceptual framework for characterizing mineralized waste rocks as future resource. International Journal of Mining Science and Technology, 2019, 29, 429-435.	10.3	18
5	A robust mixed integer linear programming framework for underground cut-and-fill mining production scheduling. International Journal of Mining, Reclamation and Environment, 2020, 34, 397-414.	2.8	13
6	A Stochastic Mixed Integer Programming Framework for Underground Mining Production Scheduling Optimization Considering Grade Uncertainty. IEEE Access, 2020, 8, 24495-24505.	4.2	13
7	Production Scheduling and Waste Disposal Planning for Oil Sands Mining Using Goal Programming. Journal of Environmental Informatics, 2012, 20, 20-33.	6.0	12
8	A mixed integer linear programming framework for optimising the extraction strategy of open pit â€“ underground mining options and transitions. International Journal of Mining, Reclamation and Environment, 2020, 34, 700-724.	2.8	10
9	A Review of Models and Algorithms for Surface-Underground Mining Options and Transitions Optimization: Some Lessons Learnt and the Way Forward. Mining, 2021, 1, 112-134.	2.4	10
10	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
11	Multi-objective Mathematical Programming Framework for Integrated Oil Sands Mine Planning and Tailings Disposal Optimization. Mining, Metallurgy and Exploration, 2021, 38, 1355-1374.	0.8	6
12	Simultaneous Production Scheduling and Waste Management Optimization for an Oil Sands Application. Journal of Environmental Informatics, 0, , .	6.0	5
13	Implementation of a goal programming framework for production and dyke material planning. International Journal of Mining, Reclamation and Environment, 2018, 32, 536-563.	2.8	4
14	Towards an integrated oil sands mine plan and composite tailings plan. International Journal of Mining, Reclamation and Environment, 2013, 27, 103-126.	2.8	3
15	A two-step mathematical programming framework for undercut horizon optimization in block caving mines. Resources Policy, 2020, 65, 101586.	9.6	3
16	A two-step approach to incorporate cut-off grade and stockpiling in oil sands mine planning optimization framework. Computers and Operations Research, 2020, 115, 104659.	4.0	2
17	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
18	A stochastic mixed integer linear programming framework for oil sands mine planning and waste management in the presence of grade uncertainty. CIM Journal, 2022, 13, 16-37.	0.6	2

#	Article	IF	Citations
19	An automated production targeting goal programming framework for oil sands mine planning considering organic rich solids. Mining Technology: Transactions of the Institute of Mining and Metallurgy, 2020, 129, 53-67.	0.5	1
20	Analysis of embankment stability: a case study at Awaso mine, Ghana. Dams and Reservoirs, 2013, 23, 152-160.	0.2	0
21	Uncertainty-based mine planning framework for oil sands production scheduling and waste management. CIM Journal, 2021, 12, 116-134.	0.6	0