Sebeom Park

List of Publications by Year
in descending order

16	323	933447 10	996975 15
papers	citations	h-index	g-index

16	16	16	152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Applications of Unmanned Aerial Vehicles in Mining from Exploration to Reclamation: A Review. Minerals (Basel, Switzerland), 2020, 10, 663.	2.0	93
2	Review of Microsoft HoloLens Applications over the Past Five Years. Applied Sciences (Switzerland), 2021, 11, 7259.	2.5	74
3	Review of GIS-Based Applications for Mining: Planning, Operation, and Environmental Management. Applied Sciences (Switzerland), 2020, 10, 2266.	2.5	27
4	Optimization of truck-loader haulage systems in an underground mine using simulation methods. Geosystem Engineering, 2016, 19, 222-231.	1.4	22
5	Simulation of Shovel-Truck Haulage Systems in Open-pit Mines by Considering Breakdown of Trucks and Crusher Capacity. Tunnel and Underground Space, 2014, 24, 1-10.	0.1	14
6	Development of a Windows-based Simulation Program for Selecting Equipments in Open-pit Shovel-Truck Haulage Systems. Tunnel and Underground Space, 2014, 24, 111-119.	0.1	14
7	Estimating Ore Production in Open-pit Mines Using Various Machine Learning Algorithms Based on a Truck-Haulage System and Support of Internet of Things. Natural Resources Research, 2021, 30, 1141-1173.	4.7	13
8	Bluetooth Beacon-Based Mine Production Management Application to Support Ore Haulage Operations in Underground Mines. Sustainability, 2021, 13, 2281.	3.2	11
9	Simulation of Truck-Loader Haulage Systems in an Underground Mine using GPSS/H. Tunnel and Underground Space, 2014, 24, 430-439.	0.1	11
10	Diagnosis of Problems in Truck Ore Transport Operations in Underground Mines Using Various Machine Learning Models and Data Collected by Internet of Things Systems. Minerals (Basel,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 377	2.0	11
11	Simulation of Shovel-Truck Haulage Systems by Considering Truck Dispatch Methods. Journal of the Korean Society of Mineral and Energy Resources Engineers, 2013, 50, 543-556.	0.4	9
12	Design and Simulation of a New Intermodal Automated Container Transport System (ACTS) Considering Different Operation Scenarios of Container Terminals. Journal of Marine Science and Engineering, 2020, 8, 233.	2.6	8
13	Development of a Windows-based Program for Discrete Event Simulation of Truck-Loader Haulage Systems in an Underground Mine. Tunnel and Underground Space, 2016, 26, 87-99.	0.1	7
14	Calculation of a Diesel Vehicle's Carbon Dioxide Emissions during Haulage Operations in an Underground Mine using GIS. Tunnel and Underground Space, 2015, 25, 373-382.	0.1	5
15	Analysis and Diagnosis of Truck Transport Routes in Underground Mines Using Transport Time Data Collected through Bluetooth Beacons and Tablet Computers. Applied Sciences (Switzerland), 2021, 11, 4525.	2.5	4
16	Current State of Digital Information Gap in the Korean Mining Industry and its Mitigation Strategy: A Case of Daily Work Report App Development. Journal of the Korean Society of Mineral and Energy Resources Engineers, 2022, 59, 173-181.	0.4	0