

Seokhoon Oh

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

264
citations

1040056

9
h-index

940533

16
g-index

30
all docs

30
docs citations

30
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined analysis of electrical resistivity and geotechnical SPT blow counts for the safety assessment of fill dam. <i>Environmental Geology</i> , 2008, 54, 31-42.	1.2	57
2	Relationship between the thermal properties and degree of saturation of cementitious grouts used in vertical borehole heat exchangers. <i>Energy and Buildings</i> , 2019, 201, 1-9.	6.7	30
3	Geostatistical integration of MT and borehole data for RMR evaluation. <i>Environmental Geology</i> , 2004, 46, 1070-1078.	1.2	26
4	Safety assessment of dams by analysis of the electrical properties of the embankment material. <i>Engineering Geology</i> , 2012, 129-130, 76-90.	6.3	22
5	Measurement and comparison of thermal conductivity of porous materials using box, dual-needle, and single-needle probe methods-A case study. <i>International Communications in Heat and Mass Transfer</i> , 2020, 118, 104815.	5.6	16
6	Negative apparent resistivity in dipole-dipole electrical surveys. <i>Exploration Geophysics</i> , 2009, 40, 33-40.	1.1	12
7	Modified electrical survey for effective leakage detection at concrete hydraulic facilities. <i>Journal of Applied Geophysics</i> , 2018, 149, 114-130.	2.1	11
8	Geostatistical integration of seismic velocity and resistivity data for probabilistic evaluation of rock quality. <i>Environmental Earth Sciences</i> , 2013, 69, 939-945.	2.7	10
9	Mapping of leakage paths in damaged embankment using modified resistivity array method. <i>Engineering Geology</i> , 2020, 266, 105469.	6.3	9
10	Hydration-Strength-Workability-Durability of Binary, Ternary, and Quaternary Composite Pastes. <i>Materials</i> , 2022, 15, 204.	2.9	9
11	Electrical resistivity response due to variation in embankment shape and reservoir levels. <i>Environmental Earth Sciences</i> , 2012, 65, 571-579.	2.7	8
12	Imaging strategies to interpret 3-D noisy audio-magnetotelluric data acquired in Gyeongju, South Korea: data processing and inversion. <i>Geophysical Journal International</i> , 2021, 225, 744-758.	2.4	8
13	Constrained Linear Deconvolution of GRACE Anomalies to Correct Spatial Leakage. <i>Remote Sensing</i> , 2020, 12, 1798.	4.0	7
14	Model Selection for Mineral Resource Assessment Considering Geological and Grade Uncertainties: Application of Multiple-Point Geostatistics and a Cluster Analysis to an Iron Deposit. <i>Natural Resources Research</i> , 2021, 30, 2047-2065.	4.7	7
15	Selective Recovery of Copper from Industrial Sludge by Integrated Sulfuric Leaching and Electrodeposition. <i>Metals</i> , 2021, 11, 22.	2.3	6
16	Geomagnetic variation and its relation to microearthquakes in the seismically inactive Korean Peninsula. <i>Geosciences Journal</i> , 2012, 16, 47-58.	1.2	5
17	Multiple-point geostatistical simulation for mine evaluation with aeromagnetic data. <i>Exploration Geophysics</i> , 2018, 49, 952-965.	1.1	5
18	Stiffness and Cavity Test of Concrete Face Based on Non-Destructive Elastic Investigation. <i>Sustainability</i> , 2018, 10, 4389.	3.2	4

#	ARTICLE	IF	CITATIONS
19	A comprehensive seismic risk assessment map of South Korea based on seismic, geotechnical, and social vulnerability. <i>Environmental Earth Sciences</i> , 2022, 81, 1.	2.7	4
20	Geostatistical Approach to Integrated Modeling of Iron Mine for Evaluation of Ore Body. <i>Geophysics and Geophysical Exploration</i> , 2012, 15, 177-189.	0.2	3
21	Modified Electrical Resistivity Survey for Leakage Detection of a Waterside Concrete Barrage. <i>Geophysics and Geophysical Exploration</i> , 2015, 18, 115-124.	0.2	2
22	Deep geoelectrical structure in and around the southern Korean Peninsula by GDS study. <i>Geosciences Journal</i> , 2006, 10, 479-490.	1.2	1
23	Reply by the authors to the discussion by Cho and Kim. <i>Exploration Geophysics</i> , 2010, 41, 132-135.	1.1	1
24	Modified Electrical Resistivity Survey and its Interpretation for Leakage Path Detection of Water Facilities. <i>Geophysics and Geophysical Exploration</i> , 2016, 19, 200-211.	0.2	1
25	Application of 3-D Kriging to the seismic refraction survey for calculating earth-volume in cut-slope. <i>Geosystem Engineering</i> , 2012, 15, 179-186.	1.4	0
26	Geophysical Mapping of the Paleosol beneath Basaltic Plateau in Cheolwon, Korea. , 2013, , .		0
27	An Analysis of Geomagnetic Variations Related to Earthquakes Location which Occurred in and around the Korean Peninsula from 2012 to 2014. <i>Journal of the Korean Earth Science Society</i> , 2015, 36, 649-660.	0.2	0
28	D-Lux: A New Way to Assess the Safety of Embankment by 3D Electrical Survey. <i>ASEG Extended Abstracts</i> , 2015, 2015, 1-3.	0.1	0
29	Numerical Analysis of Modified Electrical Resistivity Survey for Filling Status of Mine Backfills. <i>Journal of the Korean Society of Mineral and Energy Resources Engineers</i> , 2019, 56, 140-154.	0.4	0