

Jae-Yeol Cheong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8972506/publications.pdf>

Version: 2024-02-01

28
papers

314
citations

1307594

7
h-index

839539

18
g-index

28
all docs

28
docs citations

28
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between hydraulic conductivity and fracture properties estimated from packer tests and borehole data in a fractured granite. <i>Engineering Geology</i> , 2007, 92, 73-87.	6.3	86
2	Relationship between transmissivity and specific capacity in the volcanic aquifers of Jeju Island, Korea. <i>Journal of Hydrology</i> , 2005, 310, 111-121.	5.4	57
3	Characterizing riverbank-filtered water and river water qualities at a site in the lower Nakdong River basin, Republic of Korea. <i>Journal of Hydrology</i> , 2009, 376, 209-220.	5.4	45
4	Relationship between groundwater and climate change in South Korea. <i>Geosciences Journal</i> , 2014, 18, 209-218.	1.2	35
5	Contribution of nitrate-nitrogen concentration in groundwater to stream water in an agricultural head watershed. <i>Environmental Research</i> , 2020, 184, 109313.	7.5	29
6	Hydrogeochemistry in the coastal area during construction of geological repository. <i>Journal of Hydrology</i> , 2018, 562, 40-49.	5.4	18
7	Analyzing groundwater level anomalies in a fault zone in Korea caused by local and offshore earthquakes. <i>Geosciences Journal</i> , 2019, 23, 137-148.	1.2	7
8	Groundwater level changes on Jeju Island associated with the Kumamoto and Gyeongju earthquakes. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1783-1791.	4.3	6
9	Groundwater monitoring system and groundwater policy in relation to unified water resource management in Korea. <i>Water Policy</i> , 2020, 22, 211-222.	1.5	5
10	Hydraulic Parameter Generation Technique Using a Discrete Fracture Network with Bedrock Heterogeneity in Korea. <i>Water (Switzerland)</i> , 2017, 9, 937.	2.7	4
11	Effective time- and frequency-domain techniques for interpreting seismic precursors in groundwater level fluctuations on Jeju Island, Korea. <i>Scientific Reports</i> , 2020, 10, 7866.	3.3	4
12	Analysis of Groundwater Discharge into the Geumjeong Tunnel and Baseflow Using Groundwater Modeling and Long-term Monitoring. <i>Journal of Environmental Science International</i> , 2015, 24, 1691-1703.	0.2	4
13	A Natural Analogue Approach for Discriminating Leaks of CO ₂ Stored Underground Using Groundwater Geochemistry Statistical Methods, South Korea. <i>Water (Switzerland)</i> , 2017, 9, 960.	2.7	3
14	Groundwater recharge analysis and comparison using hybrid water-table fluctuation method and groundwater modeling: a case of Gangcheon basin in Yeosu City. <i>Journal of the Geological Society of Korea</i> , 2018, 54, 169-181.	0.7	3
15	Analyzing groundwater change on a volcanic island caused by the impact of the M9 Sumatra earthquake. <i>Geosciences Journal</i> , 2013, 17, 183-195.	1.2	2
16	Groundwater response analysis to multiple earthquakes on Jeju volcanic island. <i>Geosciences Journal</i> , 2012, 16, 469-478.	1.2	1
17	Environment-vulnerability evaluation of a high-speed railway line in Korea using a groundwater-anomaly method. <i>Geosciences Journal</i> , 2019, 23, 509-517.	1.2	1
18	Numerical Simulation of Groundwater Flow in Heterogeneous Rockmass of Unsaturated Condition. <i>Journal of Engineering Geology</i> , 2016, 26, 87-99.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Analysis of long-term water level change of Dongrae hot spring using time series methods. Journal of the Geological Society of Korea, 2018, 54, 529-544.	0.7	1
20	Determining Optimum Pumping Rates of Groundwater in Ttansum Island Related to Riverbank Filtration. Journal of Environmental Science International, 2018, 27, 831-844.	0.2	1
21	High-pressure Air Impulse Technique for Rehabilitating Well and Its Application to a Riverbank Filtration Site in Korea. Journal of Environmental Science International, 2019, 28, 887-898.	0.2	1
22	Trend Analysis of Earthquake Researches in the World. Journal of the Korean Earth Science Society, 2021, 42, 76-87.	0.2	0
23	Characteristics of Hydraulic Head Variation at Multi-packer Wells in a Coastal Area. Journal of Engineering Geology, 2015, 25, 291-298.	0.1	0
24	Groundwater Ages and Flow Paths at a Coastal Waste Repository Site in Korea, Based on Geochemical Characteristics and Numerical Modeling. Journal of Engineering Geology, 2016, 26, 1-13.	0.1	0
25	Development of Methodology for Fracture Network Analysis in the Unsaturated Zone using MINC Approach in TOUGH2 Code. Journal of Engineering Geology, 2016, 26, 325-330.	0.1	0
26	Evaluation of Saltwater Intrusion to Coastal Aquifer by Using Probability Statistics. Journal of Engineering Geology, 2016, 26, 371-382.	0.1	0
27	Estimating Groundwater Level Change Associated with River Stage and Pumping using Time Series Analyses at a Riverbank Filtration Site in Korea. Journal of Environmental Science International, 2017, 26, 1135-1146.	0.2	0
28	Review of Earthquake Studies Associated with Groundwater by Korean Researchers. Journal of the Korean Earth Science Society, 2022, 43, 165-175.	0.2	0