Se-Yeong Hamm

List of Publications by Year in Descending Order

43 papers	451 citations	11 h-index	20 g-index
43 ext. papers	551 ext. citations	3.1 avg, IF	3.62 L-index

#	Paper	IF	Citations
43	Synthesis and characteristics of Na-A zeolite from natural kaolin in Korea. *Materials Chemistry and Physics*, **2021**, 261, 124230	4.4	6
42	Pilot-Scale Groundwater Monitoring Network for Earthquake Surveillance and Forecasting Research in Korea. *Water (Switzerland)*, **2021**, 13, 2448	3	1
41	Characterizing land use effect on shallow groundwater contamination by using self-organizing map and buffer zone. *Science of the Total Environment*, **2021**, 800, 149632	10.2	1
40	Effective time- and frequency-domain techniques for interpreting seismic precursors in groundwater level fluctuations on Jeju Island, Korea. *Scientific Reports*, **2020**, 10, 7866	4.9	2
39	Contribution of nitrate-nitrogen concentration in groundwater to stream water in an agricultural head watershed. *Environmental Research*, **2020**, 184, 109313	7.9	10
38	State and Strategy of Production, Market and Integrated Management of Mineral Water, South Korea. *Water (Switzerland)*, **2020**, 12, 1615	3	
37	Groundwater monitoring system and groundwater policy in relation to unified water resource management in Korea. *Water Policy*, **2020**, 22, 211-222	1.6	0
36	Characteristics of Deep Groundwater Flow and Temperature in the Tertiary Pohang Area, South Korea. *Applied Sciences (Switzerland)*, **2020**, 10, 5120	2.6	0
35	Performance of composite mineral adsorbents for removing Cu, Cd, and Pb ions from polluted water. *Scientific Reports*, **2019**, 9, 13598	4.9	16
34	Response Analysis of Multi-Layered Volcanic Aquifers in Jeju Island to the 2011 M9.0 Tohoku-Oki Earthquake. *Water (Switzerland)*, **2019**, 11, 942	3	0
33	Environment-vulnerability evaluation of a high-speed railway line in Korea using a groundwater-anomaly method. *Geosciences Journal*, **2019**, 23, 509-517	1.4	
32	Performance Evaluation of the GIS-Based Data-Mining Techniques Decision Tree, Random Forest, and Rotation Forest for Landslide Susceptibility Modeling. *Sustainability*, **2019**, 11, 5659	3.6	25
31	Analyzing groundwater level anomalies in a fault zone in Korea caused by local and offshore earthquakes. *Geosciences Journal*, **2019**, 23, 137-148	1.4	4
30	Hydrogeologic and Paleo-Geographic Characteristics of Riverside Alluvium at an Artificial Recharge Site in Korea. *Water (Switzerland)*, **2018**, 10, 835	3	4
29	Groundwater recharge analysis and comparison using hybrid water-table fluctuation method and groundwater modeling: a case of Gangcheon basin in Yeoju City. *Journal of the Geological Society of Korea*, **2018**, 54, 169-181	0.6	3
28	Development of geological information database and smart-sounding-object algorithm. *Journal of the Geological Society of Korea*, **2018**, 54, 457-475	0.6	
27	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	0.6	1

26	Indication of Groundwater Contamination Using Acesulfame and Other Pollutants in a Rural Area of Korea. *Water (Switzerland)*, **2018**, 10, 1731	3	4
25	Water Policy of Korea for Supplying Safe Groundwater in Rural Areas. *Water (Switzerland)*, **2017**, 9, 508	3	8
24	Fifty years of groundwater science in Korea: a review and perspective. *Geosciences Journal*, **2017**, 21, 951-969	1.4	2
23	The combined use of dynamic factor analysis and wavelet analysis to evaluate latent factors controlling complex groundwater level fluctuations in a riverside alluvial aquifer. *Journal of Hydrology*, **2017**, 555, 938-955	6	12
22	Groundwater level changes on Jeju Island associated with the Kumamoto and Gyeongju earthquakes. *Geomatics, Natural Hazards and Risk*, **2017**, 8, 1783-1791	3.6	5
21	Characterizing the Impact of River Barrage Construction on Stream-Aquifer Interactions, Korea. *Water (Switzerland)*, **2016**, 8, 137	3	5
20	Analytical and statistical approach for evaluating the effects of a river barrage on river□aquifer interactions. *Hydrological Processes*, **2016**, 30, 3932-3948	3.3	4
19	Statistical Approach to River□Aquifer Interaction in the Lower Nakdong River Basin, Republic of Korea. *Irrigation and Drainage*, **2016**, 65, 36-47	1.1	3
18	Predicting long-term change of groundwater level with regional climate model in South Korea. *Geosciences Journal*, **2015**, 19, 503-513	1.4	7
17	Analysis of Groundwater Discharge into the Geumjeong Tunnel and Baseflow Using Groundwater Modeling and Long-term Monitoring. *Journal of Environmental Science International*, **2015**, 24, 1691-1703	0.2	3
16	Relationship between groundwater and climate change in South Korea. *Geosciences Journal*, **2014**, 18, 209-218	1.4	26
15	Characteristics of South Korea¥s Geothermal Water in Relation to Its Geological and Geochemical Feature. *Journal of Soil and Groundwater Environment*, **2014**, 19, 25-37		2
14	Groundwater responses to the 2011 Tohoku Earthquake on Jeju Island, Korea. *Hydrological Processes*, **2013**, 27, 1147-1157	3.3	15
13	Analyzing groundwater change on a volcanic island caused by the impact of the M9 Sumatra earthquake. *Geosciences Journal*, **2013**, 17, 183-195	1.4	2
12	Characterizing Hydraulic Properties by Grain-Size Analysis of Fluvial Deposits Depending on Stream Path in Korea. *Environmental Engineering Research*, **2013**, 18, 129-137	3.6	6
11	A Comparative Study of Groundwater Vulnerability Assessment Methods: Application in Gumma, Korea. *Journal of Soil and Groundwater Environment*, **2013**, 18, 119-133		3
10	Combined analyses of chemometrics and kriging for identifying groundwater contamination sources and origins at the Masan coastal area in Korea. *Environmental Earth Sciences*, **2012**, 67, 1373-1388	2.9	28
9	Groundwater response analysis to multiple earthquakes on Jeju volcanic island. *Geosciences Journal* , **2012**, 16, 469-478	1.4	1

8	Groundwater nitrate contamination and risk assessment in an agricultural area, South Korea. *Environmental Earth Sciences*, **2012**, 66, 1127-1136	2.9	41
7	Numerical Simulation of Groundwater System Change in a Riverside Area due to the Construction of an Artificial Structure. *Journal of Engineering Geology*, **2012**, 22, 263-274		5
6	Analysis of Groundwater Level Changes Due to Earthquake in Jeju Island (For the Indonesian Earthquake with Magnitude 7.7 in 2010). *Journal of Soil and Groundwater Environment*, **2011**, 16, 41-51		2
5	Characterizing riverbank-filtered water and river water qualities at a site in the lower Nakdong River basin, Republic of Korea. *Journal of Hydrology*, **2009**, 376, 209-220	6	38
4	A Model for Groundwater Time-series from the Well Field of Riverbank Filtration. *Journal of Korea Water Resources Association*, **2009**, 42, 673-680		7
3	Estimating hydraulic conductivity using grain-size analyses, aquifer tests, and numerical modeling in a riverside alluvial system in South Korea. *Hydrogeology Journal*, **2008**, 16, 1129	3.1	34
2	Relationship between hydraulic conductivity and fracture properties estimated from packer tests and borehole data in a fractured granite. *Engineering Geology*, **2007**, 92, 73-87	6	64
1	Relationship between transmissivity and specific capacity in the volcanic aquifers of Jeju Island, Korea. *Journal of Hydrology*, **2005**, 310, 111-121	6	51