# Se-Yeong Hamm

## List of Publications by Citations



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|---|---|---|---|
| 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 | 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 |
| 42 | Relationship between transmissivity and specific capacity in the volcanic aquifers of Jeju Island, Korea. *Journal of Hydrology*, **2005**, 310, 111-121 | 6 | 51 |
| 41 | Groundwater nitrate contamination and risk assessment in an agricultural area, South Korea. *Environmental Earth Sciences*, **2012**, 66, 1127-1136 | 2.9 | 41 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | Relationship between groundwater and climate change in South Korea. *Geosciences Journal*, **2014**, 18, 209-218 | 1.4 | 26 |
| 36 | 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 |
| 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 | Groundwater responses to the 2011 Tohoku Earthquake on Jeju Island, Korea. *Hydrological Processes*, **2013**, 27, 1147-1157 | 3.3 | 15 |
| 33 | 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 |
| 32 | Contribution of nitrate-nitrogen concentration in groundwater to stream water in an agricultural head watershed. *Environmental Research*, **2020**, 184, 109313 | 7.9 | 10 |
| 31 | Water Policy of Korea for Supplying Safe Groundwater in Rural Areas. *Water (Switzerland)*, **2017**, 9, 508 | 3 | 8 |
| 30 | Predicting long-term change of groundwater level with regional climate model in South Korea. *Geosciences Journal*, **2015**, 19, 503-513 | 1.4 | 7 |
| 29 | A Model for Groundwater Time-series from the Well Field of Riverbank Filtration. *Journal of Korea Water Resources Association*, **2009**, 42, 673-680 | | 7 |
| 28 | 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 |
| 27 | Synthesis and characteristics of Na-A zeolite from natural kaolin in Korea. *Materials Chemistry and Physics*, **2021**, 261, 124230 | 4.4 | 6 |

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| 26 | 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 |
| 25 | 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 |
| 24 | Characterizing the Impact of River Barrage Construction on Stream-Aquifer Interactions, Korea. *Water (Switzerland)*, **2016**, 8, 137 | 3 | 5 |
| 23 | Hydrogeologic and Paleo-Geographic Characteristics of Riverside Alluvium at an Artificial Recharge Site in Korea. *Water (Switzerland)*, **2018**, 10, 835 | 3 | 4 |
| 22 | 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 |
| 21 | 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 |
| 20 | Indication of Groundwater Contamination Using Acesulfame and Other Pollutants in a Rural Area of Korea. *Water (Switzerland)*, **2018**, 10, 1731 | 3 | 4 |
| 19 | 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 |
| 18 | A Comparative Study of Groundwater Vulnerability Assessment Methods: Application in Gumma, Korea. *Journal of Soil and Groundwater Environment*, **2013**, 18, 119-133 | | 3 |
| 17 | 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 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | Fifty years of groundwater science in Korea: a review and perspective. *Geosciences Journal*, **2017**, 21, 951-969 | 1.4 | 2 |
| 12 | 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 |
| 11 | 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 |
| 10 | Groundwater response analysis to multiple earthquakes on Jeju volcanic island. *Geosciences Journal* , **2012**, 16, 469-478 | 1.4 | 1 |
| 9 | 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 |

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| 8 | Pilot-Scale Groundwater Monitoring Network for Earthquake Surveillance and Forecasting Research in Korea. *Water (Switzerland)*, **2021**, 13, 2448 | 3 | 1 |
| 7 | 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 |
| 6 | 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 |
| 5 | Groundwater monitoring system and groundwater policy in relation to unified water resource management in Korea. *Water Policy*, **2020**, 22, 211-222 | 1.6 | 0 |
| 4 | Characteristics of Deep Groundwater Flow and Temperature in the Tertiary Pohang Area, South Korea. *Applied Sciences (Switzerland)*, **2020**, 10, 5120 | 2.6 | 0 |
| 3 | Environment-vulnerability evaluation of a high-speed railway line in Korea using a groundwater-anomaly method. *Geosciences Journal*, **2019**, 23, 509-517 | 1.4 | |
| 2 | State and Strategy of Production, Market and Integrated Management of Mineral Water, South Korea. *Water (Switzerland)*, **2020**, 12, 1615 | 3 | |
| 1 | Development of geological information database and smart-sounding-object algorithm. *Journal of the Geological Society of Korea*, **2018**, 54, 457-475 | 0.6 | |