Joonghyeok Heo

List of Publications by Year
in descending order

23 papers	244 citations	1040056 9 h-index	996975 15 g-index
26 all docs	26 docs citations	26 times ranked	338 citing authors

#	Article	IF	Citations
1	Carbon balance effects of U.S. biofuel production and use. Climatic Change, 2016, 138, 667-680.	3.6	64
2	Using stable isotopes and tritium to delineate groundwater flow systems and their relationship to streams in the Geum River basin, Korea. Journal of Hydrology, 2019, 573, 267-280.	5.4	23
3	The Impact of Hydraulic Fracturing on Groundwater Quality in the Permian Basin, West Texas, USA. Water (Switzerland), 2020, 12, 796.	2.7	19
4	Water Resources Response to Climate and Land-Cover Changes in a Semi-Arid Watershed, New Mexico, USA. Terrestrial, Atmospheric and Oceanic Sciences, 2015, 26, 463.	0.6	17
5	Attributing Causes of 2015 Record Minimum Sea-Ice Extent in the Sea of Okhotsk. Journal of Climate, 2017, 30, 4693-4703.	3.2	13
6	Present and potential future critical source areas of nonpoint source pollution: a case of the Nakdong River watershed, South Korea. Environmental Science and Pollution Research, 2021, 28, 45676-45692.	5.3	13
7	Impacts of climate and land‐cover changes on water resources in a humid subtropical watershed: a case study from East Texas, USA. Water and Environment Journal, 2015, 29, 51-60.	2.2	12
8	Blue ice areas and their topographical properties in the Lambert glacier, Amery Iceshelf system using Landsat ETM+, ICESat laser altimetry and ASTER GDEM data. Antarctic Science, 2012, 24, 95-110.	0.9	11
9	Inorganic Pollutants in the Water of Midland and Odessa, Permian Basin, West Texas. Air, Soil and Water Research, 2019, 12, 117862211986108.	2.5	11
10	The effect of ionic strength and hardness of trichloroethylene-contaminated synthetic groundwater on remediation using granular activated carbon. Geosciences Journal, 2007, 11, 229-239.	1.2	9
11	Monitoring Environmental Parameters with Oil and Gas Developments in the Permian Basin, USA. International Journal of Environmental Research and Public Health, 2020, 17, 4026.	2.6	7
12	Machine-Learning-Based Prediction of Land Prices in Seoul, South Korea. Sustainability, 2021, 13, 13088.	3.2	7
13	Soil Contamination Assessments from Drilling Fluids and Produced Water Using Combined Field and Laboratory Investigations: A Case Study of Arkansas, USA. International Journal of Environmental Research and Public Health, 2021, 18, 2421.	2.6	6
14	Inversion of the elliptical Radon transform arising in migration imaging using the regular Radon transform. Journal of Mathematical Analysis and Applications, 2016, 436, 138-148.	1.0	5
15	Hydrogeochemical Evaluation of Groundwater Quality Parameters for Ogallala Aquifer in the Southern High Plains Region, USA. International Journal of Environmental Research and Public Health, 2022, 19, 8453.	2.6	5
16	Historical Assessments of Inorganic Pollutants in the Sinkhole Region of Winkler County, Texas, USA. Sustainability, 2021, 13, 7513.	3.2	4
17	The Impact of Climate Change on Hydrology with Geomorphology in Northeast Texas. Journal of Earth Science and Engineering, 2018, 8, .	0.2	4
18	Heating Performance Analysis for Short-Term Energy Monitoring and Prediction Using Multi-Family Residential Energy Consumption Data. Energies, 2020, 13, 3189.	3.1	3

#	Article	IF	Citations
19	Spatial and Temporal Analysis of Carbon Sequestrations in the Conterminous United States. Journal of Energy and Power Engineering, 2018, 12, .	0.2	3
20	Automated Floodway Determination Using Particle Swarm Optimization. Water (Switzerland), 2018, 10, 1420.	2.7	2
21	Investigation of Sinkhole Formation with Human Influence: A Case Study from Wink Sink in Winkler County, Texas. Sustainability, 2020, 12, 3537.	3.2	2
22	Conceptualizing a multiâ€layered shingle aquifer model based on volcanic stratigraphy and water inflow to lava caves in Jeju Island, Korea. Hydrological Processes, 2021, 35, e14316.	2.6	2
23	Statistical Analysis for Usability Evaluation of Unmanned Aerial Vehicle in Geomatics. Sensors and Materials, 2020, 32, 4337.	0.5	0