

Joonghyeok Heo

List of Publications by Year in descending order

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23
papers

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citations

1040056

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docs citations

26
times ranked

338
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogeochemical Evaluation of Groundwater Quality Parameters for Ogallala Aquifer in the Southern High Plains Region, USA. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 8453.	2.6	5
2	Soil Contamination Assessments from Drilling Fluids and Produced Water Using Combined Field and Laboratory Investigations: A Case Study of Arkansas, USA. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2421.	2.6	6
3	Present and potential future critical source areas of nonpoint source pollution: a case of the Nakdong River watershed, South Korea. <i>Environmental Science and Pollution Research</i> , 2021, 28, 45676-45692.	5.3	13
4	Historical Assessments of Inorganic Pollutants in the Sinkhole Region of Winkler County, Texas, USA. <i>Sustainability</i> , 2021, 13, 7513.	3.2	4
5	Conceptualizing a multi-layered shingle aquifer model based on volcanic stratigraphy and water inflow to lava caves in Jeju Island, Korea. <i>Hydrological Processes</i> , 2021, 35, e14316.	2.6	2
6	Machine-Learning-Based Prediction of Land Prices in Seoul, South Korea. <i>Sustainability</i> , 2021, 13, 13088.	3.2	7
7	Investigation of Sinkhole Formation with Human Influence: A Case Study from Wink Sink in Winkler County, Texas. <i>Sustainability</i> , 2020, 12, 3537.	3.2	2
8	Heating Performance Analysis for Short-Term Energy Monitoring and Prediction Using Multi-Family Residential Energy Consumption Data. <i>Energies</i> , 2020, 13, 3189.	3.1	3
9	Monitoring Environmental Parameters with Oil and Gas Developments in the Permian Basin, USA. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4026.	2.6	7
10	The Impact of Hydraulic Fracturing on Groundwater Quality in the Permian Basin, West Texas, USA. <i>Water (Switzerland)</i> , 2020, 12, 796.	2.7	19
11	Statistical Analysis for Usability Evaluation of Unmanned Aerial Vehicle in Geomatics. <i>Sensors and Materials</i> , 2020, 32, 4337.	0.5	0
12	Inorganic Pollutants in the Water of Midland and Odessa, Permian Basin, West Texas. <i>Air, Soil and Water Research</i> , 2019, 12, 117862211986108.	2.5	11
13	Using stable isotopes and tritium to delineate groundwater flow systems and their relationship to streams in the Geum River basin, Korea. <i>Journal of Hydrology</i> , 2019, 573, 267-280.	5.4	23
14	Automated Floodway Determination Using Particle Swarm Optimization. <i>Water (Switzerland)</i> , 2018, 10, 1420.	2.7	2
15	Spatial and Temporal Analysis of Carbon Sequestrations in the Conterminous United States. <i>Journal of Energy and Power Engineering</i> , 2018, 12, .	0.2	3
16	The Impact of Climate Change on Hydrology with Geomorphology in Northeast Texas. <i>Journal of Earth Science and Engineering</i> , 2018, 8, .	0.2	4
17	Attributing Causes of 2015 Record Minimum Sea-Ice Extent in the Sea of Okhotsk. <i>Journal of Climate</i> , 2017, 30, 4693-4703.	3.2	13
18	Carbon balance effects of U.S. biofuel production and use. <i>Climatic Change</i> , 2016, 138, 667-680.	3.6	64

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19	Inversion of the elliptical Radon transform arising in migration imaging using the regular Radon transform. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 436, 138-148.	1.0	5
20	Impacts of climate and land-cover changes on water resources in a humid subtropical watershed: a case study from East Texas, USA. <i>Water and Environment Journal</i> , 2015, 29, 51-60.	2.2	12
21	Water Resources Response to Climate and Land-Cover Changes in a Semi-Arid Watershed, New Mexico, USA. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2015, 26, 463.	0.6	17
22	Blue ice areas and their topographical properties in the Lambert glacier, Amery Iceshelf system using Landsat ETM+, ICESat laser altimetry and ASTER GDEM data. <i>Antarctic Science</i> , 2012, 24, 95-110.	0.9	11
23	The effect of ionic strength and hardness of trichloroethylene-contaminated synthetic groundwater on remediation using granular activated carbon. <i>Geosciences Journal</i> , 2007, 11, 229-239.	1.2	9