

Sungwook Wi

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

651
citations

623734

14
h-index

940533

16
g-index

17
all docs

17
docs citations

17
times ranked

1080
citing authors

#	ARTICLE	IF	CITATIONS
1	The future nexus of the Brahmaputra River Basin: Climate, water, energy and food trajectories. <i>Global Environmental Change</i> , 2016, 37, 16-30.	7.8	92
2	The integrated effects of climate and hydrologic uncertainty on future flood risk assessments. <i>Hydrological Processes</i> , 2015, 29, 2823-2839.	2.6	76
3	Non-stationary frequency analysis of extreme precipitation in South Korea using peaks-over-threshold and annual maxima. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 583-606.	4.0	71
4	Multidimensional stress test for hydropower investments facing climate, geophysical and financial uncertainty. <i>Global Environmental Change</i> , 2018, 48, 168-181.	7.8	55
5	The Effects of Climate Change on Seasonal Snowpack and the Hydrology of the Northeastern and Upper Midwest United States. <i>Journal of Climate</i> , 2016, 29, 6527-6541.	3.2	53
6	Climate change projection of snowfall in the Colorado River Basin using dynamical downscaling. <i>Water Resources Research</i> , 2012, 48, .	4.2	45
7	Climate change and the hydropower sector: A global review. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2022, 13, .	8.1	42
8	Room for improvement: Hydroclimatic challenges to poverty-reducing development of the Brahmaputra River basin. <i>Environmental Science and Policy</i> , 2015, 54, 64-80.	4.9	39
9	Informing regional water-energy-food nexus with system analysis and interactive visualization – A case study in the Great Ruaha River of Tanzania. <i>Agricultural Water Management</i> , 2018, 196, 75-86.	5.6	36
10	Guiding Groundwater Policy in the Indus Basin of Pakistan Using a Physically Based Groundwater Model. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017, 143, .	2.6	34
11	A user-friendly software package for VIC hydrologic model development. <i>Environmental Modelling and Software</i> , 2017, 98, 35-53.	4.5	22
12	Vulnerability and risk: climate change and water supply from California’s Central Valley water system. <i>Climatic Change</i> , 2020, 161, 177-199.	3.6	18
13	Resilience by design in Mexico City: A participatory human-hydrologic systems approach. <i>Water Security</i> , 2020, 9, 100053.	2.5	17
14	Growth of the Decision Tree: Advances in Bottom-Up Climate Change Risk Management. <i>Journal of the American Water Resources Association</i> , 2019, 55, 920-937.	2.4	15
15	Case Study on Hydropolitics in Afghanistan and Pakistan: Energy and Water Impacts of Kunar River Development. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	2.6	9
16	Improving Operational Short- to Medium-Range (SR2MR) Streamflow Forecasts in the Upper Zambezi Basin and Its Sub-Basins Using Variational Ensemble Forecasting. <i>Hydrology</i> , 2021, 8, 188.	3.0	3