

Amin Kiaghadi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

371
citations

1040056

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h-index

794594

19
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21
all docs

21
docs citations

21
times ranked

445
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Algorithm for Land-Cover Classification Using PolSAR and InSAR Data and Its Application to Surface Roughness Mapping Along the Gulf Coast. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	4
2	Sediment and their bacterial communities in an industrialized estuary after Hurricane Harvey. Marine Pollution Bulletin, 2022, 175, 113359.	5.0	2
3	Examining longitudinal disparities in COVID-19 prevalence in the U.S.: a county level growth rate perspective. Annals of Medicine, 2022, 54, 1277-1286.	3.8	3
4	High temporal resolution rainfall-runoff modeling using long-short-term-memory (LSTM) networks. Neural Computing and Applications, 2021, 33, 1261-1278.	5.6	55
5	Exploring the best sequence LSTM modeling architecture for flood prediction. Neural Computing and Applications, 2021, 33, 5571-5580.	5.6	28
6	Developing a Modeling Framework to Simulate Compound Flooding: When Storm Surge Interacts With Riverine Flow. Frontiers in Climate, 2021, 2, .	2.8	14
7	Simulation of potential formation of atmospheric pollution from aboveground storage tank leakage after severe storms. Atmospheric Environment, 2021, 248, 118225.	4.1	4
8	The presence of Superfund sites as a determinant of life expectancy in the United States. Nature Communications, 2021, 12, 1947.	12.8	19
9	Assessing Damages to Built and Natural Environments: Linking Hydrodynamic and Geospatial Enviro-Economical Models. Frontiers in Climate, 2021, 3, .	2.8	1
10	Longitudinal patterns in sediment type and quality during daily flow regimes and following natural hazards in an urban estuary: a Hurricane Harvey retrospective. Environmental Science and Pollution Research, 2021, , 1.	5.3	1
11	Environmental damage associated with severe hydrologic events: a LiDAR-based geospatial modeling approach. Natural Hazards, 2020, 103, 2711-2729.	3.4	9
12	Modeling water quality impacts from hurricanes and extreme weather events in urban coastal systems using Sentinel-2 spectral data. Environmental Monitoring and Assessment, 2020, 192, 307.	2.7	3
13	Characterization of vulnerability of road networks to fluvial flooding using SIS network diffusion model. Journal of Infrastructure Preservation and Resilience, 2020, 1, .	3.2	19
14	Assessing COVID-19 risk, vulnerability and infection prevalence in communities. PLoS ONE, 2020, 15, e0241166.	2.5	28
15	A New Algorithm for Estimating Surface Roughness Using Interferometric Synthetic Aperture Radar (InSAR) Data. , 2020, , .		0
16	Natural attenuation of indicator bacteria in coastal streams and estuarine environments. Science of the Total Environment, 2019, 677, 230-240.	8.0	5
17	Physical, Chemical, and Microbial Quality of Floodwaters in Houston Following Hurricane Harvey. Environmental Science & Technology, 2019, 53, 4832-4840.	10.0	42
18	Development of a storm surge driven water quality model to simulate spills during hurricanes. Marine Pollution Bulletin, 2018, 129, 714-728.	5.0	9

#	ARTICLE	IF	CITATIONS
19	Modeling geothermal energy efficiency from abandoned oil and gas wells to desalinate produced water. <i>Desalination</i> , 2017, 414, 51-62.	8.2	28
20	How Reliable Are ANN, ANFIS, and SVM Techniques for Predicting Longitudinal Dispersion Coefficient in Natural Rivers?. <i>Journal of Hydraulic Engineering</i> , 2016, 142, .	1.5	95