

# Ebrahim Ahmadisharaf

## List of Publications by Year in descending order

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27  
papers

713  
citations

686830

13  
h-index

713013

21  
g-index

28  
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28  
docs citations

28  
times ranked

730  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction Success of Machine Learning Methods for Flash Flood Susceptibility Mapping in the Tafresh Watershed, Iran. Sustainability, 2019, 11, 5426.	1.6	172
2	Artificial Neural Networks for Flood Susceptibility Mapping in Data-Scarce Urban Areas. , 2019, , 323-336.		70
3	Integrating flood hazard into site selection of detention basins using spatial multi-criteria decision-making. Journal of Environmental Planning and Management, 2016, 59, 1397-1417.	2.4	60
4	Calibration and Validation of Watershed Models and Advances in Uncertainty Analysis in TMDL Studies. Journal of Hydrologic Engineering - ASCE, 2019, 24, .	0.8	55
5	Scale-dependent impacts of urban and agricultural land use on nutrients, sediment, and runoff. Science of the Total Environment, 2019, 652, 611-622.	3.9	51
6	Spatial probabilistic multi-criteria decision making for assessment of flood management alternatives. Journal of Hydrology, 2016, 533, 365-378.	2.3	47
7	Evaluating the Effects of Inundation Duration and Velocity on Selection of Flood Management Alternatives Using Multi-Criteria Decision Making. Water Resources Management, 2015, 29, 2543-2561.	1.9	37
8	Watershed Models for Development and Implementation of Total Maximum Daily Loads. Journal of Hydrologic Engineering - ASCE, 2019, 24, .	0.8	34
9	Sustainability-Based Flood Hazard Mapping of the Swannanoa River Watershed. Sustainability, 2017, 9, 1735.	1.6	19
10	A probabilistic framework for floodplain mapping using hydrological modeling and unsteady hydraulic modeling. Hydrological Sciences Journal, 2018, 63, 1759-1775.	1.2	19
11	Risk-based decision making to evaluate pollutant reduction scenarios. Science of the Total Environment, 2020, 702, 135022.	3.9	19
12	A probabilistic framework for comparison of dam breach parameters and outflow hydrograph generated by different empirical prediction methods. Environmental Modelling and Software, 2016, 86, 248-263.	1.9	18
13	Generalized Likelihood Uncertainty Estimation and Markov Chain Monte Carlo Simulation to Prioritize TMDL Pollutant Allocations. Journal of Hydrologic Engineering - ASCE, 2018, 23, .	0.8	16
14	Development of a novel hybrid multi-boosting neural network model for spatial prediction of urban flood. Geocarto International, 2022, 37, 5716-5741.	1.7	16
15	Two-Phase Monte Carlo Simulation for Partitioning the Effects of Epistemic and Aleatory Uncertainty in TMDL Modeling. Journal of Hydrologic Engineering - ASCE, 2019, 24, .	0.8	14
16	Application of Integrated Watershed Management Measures to Minimize the Land Use Change Impacts. Water (Switzerland), 2021, 13, 2039.	1.2	13
17	Projecting land use change impacts on nutrients, sediment and runoff in multiple spatial scales: Business-as-usual vs. stakeholder-informed scenarios. Journal of Cleaner Production, 2020, 257, 120466.	4.6	10
18	A probabilistic framework to evaluate the uncertainty of design hydrograph: case study of Swannanoa River watershed. Hydrological Sciences Journal, 2018, 63, 1776-1790.	1.2	9

#	ARTICLE	IF	CITATIONS
19	Investigation of the Impact of Streamflow Temporal Variation on Dam Overtopping Risk: Case Study of a High-Hazard Dam. , 2015, , .		7
20	Selecting Reliable Models for Total Maximum Daily Load Development: Holistic Protocol. Journal of Hydrologic Engineering - ASCE, 2021, 26, .	0.8	7
21	A coupled probabilistic hydrologic and hydraulic modelling framework to investigate the uncertainty of flood loss estimates. Journal of Flood Risk Management, 2019, 12, .	1.6	6
22	An integrated approach for prioritization of river water quality sampling points using modified Sanders, analytic network process, and hydrodynamic modeling. Environmental Monitoring and Assessment, 2021, 193, 482.	1.3	6
23	Effectiveness of Retention Ponds for Sustainable Urban Flood Mitigation across Range of Storm Depths in Northern Tehran, Iran. Journal of Sustainable Water in the Built Environment, 2021, 7, .	0.9	4
24	Model Calibration and Validation. , 2022, , 215-269.		2
25	Watershed Models. , 2022, , 31-84.		1
26	Model Uncertainty Analysis and the Margin of Safety. , 2022, , 271-306.		1
27	Model Selection and Applications for Total Maximum Daily Load Development. , 2022, , 319-356.		0