

# J F Adamowski

## List of Publications by Year in descending order

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281  
papers

14,956  
citations

21215

62  
h-index

30277

107  
g-index

287  
all docs

287  
docs citations

287  
times ranked

12491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reservoir operation under accidental MTBE pollution: A graph-based conflict resolution framework considering spatial-temporal-quantitative uncertainties. <i>Journal of Hydrology</i> , 2022, 605, 127313.	2.3	8
2	Downstream semi-circular obstacles' influence on floods arising from the failure of dams with different levels of reservoir silting. <i>Physics of Fluids</i> , 2022, 34, 013312.	1.6	5
3	Increasing Heat- Stress Inequality in a Warming Climate. <i>Earth's Future</i> , 2022, 10, .	2.4	31
4	Integrated assessment of localized SSP- RCP narratives for climate change adaptation in coupled human-water systems. <i>Science of the Total Environment</i> , 2022, 823, 153660.	3.9	16
5	Using Leaf Ecological Stoichiometry to Direct the Management of <i>Ligularia virgaurea</i> on the Northeast Qinghai-Tibetan Plateau. <i>Frontiers in Environmental Science</i> , 2022, 9, .	1.5	4
6	Leaf Stoichiometry of <i>Potentilla fruticosa</i> Across Elevations in China's Qilian Mountains. <i>Frontiers in Plant Science</i> , 2022, 13, 814059.	1.7	6
7	Interregional Differences in Agricultural Development across Circumpolar Canada. <i>Arctic</i> , 2022, 75, 38-54.	0.2	0
8	A deep learning image segmentation model for agricultural irrigation system classification. <i>Computers and Electronics in Agriculture</i> , 2022, 198, 106977.	3.7	17
9	Climate variability in agroecosystems: A quantitative assessment of stakeholder-defined policies for enhanced socio-ecological resilience. <i>Agricultural Systems</i> , 2022, 201, 103416.	3.2	0
10	Incorporating multi-criteria decision-making and fuzzy-value functions for flood susceptibility assessment. <i>Geocarto International</i> , 2021, 36, 2345-2365.	1.7	55
11	Participatory Modeling of Water Vulnerability in Remote Alaskan Households Using Causal Loop Diagrams. <i>Environmental Management</i> , 2021, 67, 26-42.	1.2	12
12	The role of climate change and vegetation greening on the variation of terrestrial evapotranspiration in northwest China's Qilian Mountains. <i>Science of the Total Environment</i> , 2021, 759, 143532.	3.9	67
13	Short-term flood forecasting using artificial neural networks, extreme learning machines, and M5 model tree. , 2021, , 263-279.		6
14	Multi-level storylines for participatory modeling - involving marginalized communities in Tz'ol' Aj' Ya', Mayan Guatemala. <i>Hydrology and Earth System Sciences</i> , 2021, 25, 1283-1306.	1.9	10
15	Warming enabled upslope advance in western US forest fires. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	83
16	An emergency multi-objective compromise framework for reservoir operation under suddenly injected pollution. <i>Journal of Hydrology</i> , 2021, 598, 126242.	2.3	9
17	Coupling a hybrid CNN-LSTM deep learning model with a Boundary Corrected Maximal Overlap Discrete Wavelet Transform for multiscale Lake water level forecasting. <i>Journal of Hydrology</i> , 2021, 598, 126196.	2.3	96
18	Closure to the discussion of Ebtehaj et al. on -Comparative assessment of time series and artificial intelligence models to estimate monthly streamflow: A local and external data analysis approach- . <i>Journal of Hydrology</i> , 2021, 600, 126459.	2.3	0

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19	Elevation Alone Alters Leaf N and Leaf C to N Ratio of <i>Picea crassifolia</i> Kom. in China's Qilian Mountains. <i>Forests</i> , 2021, 12, 1325.	0.9	4
20	Effect of Elevation on Variation in Reference Evapotranspiration under Climate Change in Northwest China. <i>Sustainability</i> , 2021, 13, 10151.	1.6	8
21	A Probabilistic Model for Maximum Rainfall Frequency Analysis. <i>Water (Switzerland)</i> , 2021, 13, 2688.	1.2	8
22	Soil properties and microbiome of annual and perennial cultivated grasslands on the Qinghai-Tibetan Plateau. <i>Land Degradation and Development</i> , 2021, 32, 5306-5321.	1.8	19
23	A maximal overlap discrete wavelet packet transform integrated approach for rainfall forecasting – A case study in the Awash River Basin (Ethiopia). <i>Environmental Modelling and Software</i> , 2021, 144, 105119.	1.9	23
24	Grassland grazing management altered soil properties and microbial $\beta$ -diversity but not $\alpha$ -diversity on the Qinghai-Tibetan Plateau. <i>Applied Soil Ecology</i> , 2021, 167, 104032.	2.1	20
25	A novel Bayesian maximum entropy-based approach for optimal design of water quality monitoring networks in rivers. <i>Journal of Hydrology</i> , 2021, 603, 126822.	2.3	7
26	Assessing constraints to agricultural development in circumpolar Canada through an innovation systems lens. <i>Agricultural Systems</i> , 2021, 194, 103268.	3.2	5
27	Comparison of Continuous and Quantile-Based Downscaling Approaches to Evaluate the Climate Change Impacts on Characteristics of Extreme Rainfall. , 2021, , .		0
28	Stochastic Modeling of Groundwater Fluoride Contamination: Introducing Lazy Learners. <i>Ground Water</i> , 2020, 58, 723-734.	0.7	29
29	Regionalization of flood magnitudes using the ecological attributes of watersheds. <i>Geocarto International</i> , 2020, 35, 917-933.	1.7	3
30	Exploring the multiscale changeability of precipitation using the entropy concept and self-organizing maps. <i>Journal of Water and Climate Change</i> , 2020, 11, 655-676.	1.2	8
31	Modification of the DRASTIC Framework for Mapping Groundwater Vulnerability Zones. <i>Ground Water</i> , 2020, 58, 441-452.	0.7	25
32	Comparison of wavelet-based hybrid models for the estimation of daily reference evapotranspiration in different climates. <i>Journal of Water and Climate Change</i> , 2020, 11, 39-53.	1.2	13
33	An ensemble tree-based machine learning model for predicting the uniaxial compressive strength of travertine rocks. <i>Neural Computing and Applications</i> , 2020, 32, 9065-9080.	3.2	39
34	Causality of climate, food production and conflict over the last two millennia in the Hexi Corridor, China. <i>Science of the Total Environment</i> , 2020, 713, 136587.	3.9	20
35	Insights from socio-hydrological modeling to design sustainable wastewater reuse strategies for agriculture at the watershed scale. <i>Agricultural Water Management</i> , 2020, 231, 105983.	2.4	13
36	A comparison of conventional and wavelet transform based methods for streamflow record extension. <i>Journal of Hydrology</i> , 2020, 582, 124503.	2.3	11

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37	A participatory system dynamics modeling approach to facilitate collaborative flood risk management: A case study in the Bradano River (Italy). <i>Journal of Hydrology</i> , 2020, 580, 124354.	2.3	40
38	Projected spatial patterns in precipitation and air temperature for China's northwest region derived from high-resolution regional climate models. <i>International Journal of Climatology</i> , 2020, 40, 3922-3941.	1.5	16
39	Soil fragmentation and aggregate stability as affected by conventional tillage implements and relations with fractal dimensions. <i>Soil and Tillage Research</i> , 2020, 197, 104494.	2.6	34
40	Large Scale Flood Risk Mapping in Data Scarce Environments: An Application for Romania. <i>Water (Switzerland)</i> , 2020, 12, 1834.	1.2	18
41	A century of observations reveals increasing likelihood of continental-scale compound dry-hot extremes. <i>Science Advances</i> , 2020, 6, .	4.7	148
42	Could arid and semi-arid abandoned lands prove ecologically or economically valuable if they afford greater soil organic carbon storage than afforested lands in China's Loess Plateau?. <i>Land Use Policy</i> , 2020, 99, 105027.	2.5	6
43	Which slope aspect and gradient provides the best afforestation-driven soil carbon sequestration on the China's Loess Plateau?. <i>Ecological Engineering</i> , 2020, 147, 105782.	1.6	24
44	Data Assimilation for Streamflow Forecasting Using Extreme Learning Machines and Multilayer Perceptrons. <i>Water Resources Research</i> , 2020, 56, e2019WR026226.	1.7	39
45	Response of leaf stoichiometry of <i>Oxytropis ochrocephala</i> to elevation and slope aspect. <i>Catena</i> , 2020, 194, 104772.	2.2	37
46	Spatio-temporal variation of reference evapotranspiration in northwest China based on CORDEX-EA. <i>Atmospheric Research</i> , 2020, 238, 104868.	1.8	28
47	Short-term water quality variable prediction using a hybrid CNN-LSTM deep learning model. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 415-433.	1.9	231
48	PODMT3DMS-Tool: proper orthogonal decomposition linked to the MT3DMS model for nitrate simulation in aquifers. <i>Hydrogeology Journal</i> , 2020, 28, 1125-1142.	0.9	13
49	Development of a behaviour-pattern based global sensitivity analysis procedure for coupled socioeconomic and environmental models. <i>Journal of Hydrology</i> , 2020, 585, 124745.	2.3	5
50	Crow Algorithm for Irrigation Management: A Case Study. <i>Water Resources Management</i> , 2020, 34, 1021-1045.	1.9	14
51	The Impact of Virtual Water on Sustainable Development in Gansu Province. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 586.	1.3	7
52	Smoothed Particle Hydrodynamics Modeling with Advanced Boundary Conditions for Two-Dimensional Dam-Break Floods. <i>Water (Switzerland)</i> , 2020, 12, 1142.	1.2	7
53	A stochastic wavelet-based data-driven framework for forecasting uncertain multiscale hydrological and water resources processes. <i>Environmental Modelling and Software</i> , 2020, 130, 104718.	1.9	31
54	Reply to discussion on "A reduced-order model for the regeneration of surface currents in Gorgan Bay. Iran [Journal of Hydroinformatics 20(6), 1419-1435, <a href="https://doi.org/10.2166/hydro.2018.149">https://doi.org/10.2166/hydro.2018.149</a> ]" by Georgios M. Horsch and Nikolaos Th. Fourniotis. <i>Journal of Hydroinformatics</i> , 2020, 22, 455-456.	1.1	0

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55	A Comparative Study of Rotation Patterns on Soil Organic Carbon in China's Arid and Semi-Arid Regions. <i>Agronomy</i> , 2020, 10, 160.	1.3	5
56	Using the Mann-Kendall test and double mass curve method to explore stream flow changes in response to climate and human activities. <i>Journal of Water and Climate Change</i> , 2019, 10, 725-742.	1.2	71
57	Probabilistic Event Based Rainfall-Runoff Modeling Using Copula Functions. <i>Water Resources Management</i> , 2019, 33, 3799-3814.	1.9	27
58	Evaluation of data-driven models (SVR and ANN) for groundwater-level prediction in confined and unconfined systems. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	50
59	Quantile-based downscaling of rainfall extremes: Notes on methodological functionality, associated uncertainty and application in practice. <i>Advances in Water Resources</i> , 2019, 131, 103371.	1.7	23
60	Short-term electricity demand forecasting using machine learning methods enriched with ground-based climate and ECMWF Reanalysis atmospheric predictors in southeast Queensland, Australia. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 113, 109293.	8.2	42
61	Associations between large-scale climate oscillations and land surface phenology in Iran. <i>Agricultural and Forest Meteorology</i> , 2019, 278, 107682.	1.9	23
62	Using bootstrap ELM and LSSVM models to estimate river ice thickness in the Mackenzie River Basin in the Northwest Territories, Canada. <i>Journal of Hydrology</i> , 2019, 577, 123903.	2.3	39
63	Comparative assessment of time series and artificial intelligence models to estimate monthly streamflow: A local and external data analysis approach. <i>Journal of Hydrology</i> , 2019, 579, 124225.	2.3	44
64	Domino effect of climate change over two millennia in ancient China's Hexi Corridor. <i>Nature Sustainability</i> , 2019, 2, 957-961.	11.5	57
65	Correcting Satellite Precipitation Data and Assimilating Satellite-Derived Soil Moisture Data to Generate Ensemble Hydrological Forecasts within the HBV Rainfall-Runoff Model. <i>Water (Switzerland)</i> , 2019, 11, 2138.	1.2	10
66	Controlling factors of plant community composition with respect to the slope aspect gradient in the Qilian Mountains. <i>Ecosphere</i> , 2019, 10, e02851.	1.0	20
67	A hydrogeological-based multi-criteria method for assessing the vulnerability of coastal aquifers to saltwater intrusion. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	14
68	Farmers' Willingness to Accept Compensation to Maintain the Benefits of Urban Forests. <i>Forests</i> , 2019, 10, 691.	0.9	22
69	Grassland Degradation on the Qinghai-Tibetan Plateau: Reevaluation of Causative Factors. <i>Rangeland Ecology and Management</i> , 2019, 72, 988-995.	1.1	71
70	Multi-objective decision-making for green infrastructure planning (LID-BMPs) in urban storm water management under uncertainty. <i>Journal of Hydrology</i> , 2019, 579, 124091.	2.3	96
71	A GIS Tool for Mapping Dam-Break Flood Hazards in Italy. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 250.	1.4	12
72	Delimitation of groundwater zones under contamination risk using a bagged ensemble of optimized DRASTIC frameworks. <i>Environmental Science and Pollution Research</i> , 2019, 26, 8325-8339.	2.7	40

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73	Universally deployable extreme learning machines integrated with remotely sensed MODIS satellite predictors over Australia to forecast global solar radiation: A new approach. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 104, 235-261.	8.2	56
74	Predicting Triaxial Compressive Strength and Young's Modulus of Frozen Sand Using Artificial Intelligence Methods. <i>Journal of Cold Regions Engineering - ASCE</i> , 2019, 33, .	0.5	72
75	Examining lag time using the landscape, pedoscape and lithoscape metrics of catchments. <i>Ecological Indicators</i> , 2019, 105, 36-46.	2.6	16
76	Suitable enclosure duration for the restoration of degraded alpine grasslands on the Qinghai-Tibetan Plateau. <i>Land Use Policy</i> , 2019, 86, 261-267.	2.5	21
77	Coupling the maximum overlap discrete wavelet transform and long short-term memory networks for irrigation flow forecasting. <i>Agricultural Water Management</i> , 2019, 219, 72-85.	2.4	67
78	Projections of future soil temperature in northeast Iran. <i>Geoderma</i> , 2019, 349, 11-24.	2.3	19
79	Hybrid artificial intelligence-time series models for monthly streamflow modeling. <i>Applied Soft Computing Journal</i> , 2019, 80, 873-887.	4.1	65
80	Effects of stand age on carbon storage in dragon spruce forest ecosystems in the upper reaches of the Bailongjiang River basin, China. <i>Scientific Reports</i> , 2019, 9, 3005.	1.6	10
81	Analyzing trends of days with low atmospheric visibility in Iran during 1968-2013. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 249.	1.3	6
82	A comparative assessment of flood susceptibility modeling using Multi-Criteria Decision-Making Analysis and Machine Learning Methods. <i>Journal of Hydrology</i> , 2019, 573, 311-323.	2.3	409
83	A Traditional Closed-Loop Sanitation System in a Chronic Emergency: A Qualitative Study from Afghanistan. <i>Water (Switzerland)</i> , 2019, 11, 298.	1.2	2
84	A multiscale and multivariate analysis of precipitation and streamflow variability in relation to ENSO, NAO and PDO. <i>Journal of Hydrology</i> , 2019, 574, 288-307.	2.3	105
85	Natural and anthropogenic origins of selected trace elements in the surface waters of Tabriz area, Iran. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	25
86	Investigating monthly precipitation variability using a multiscale approach based on ensemble empirical mode decomposition. <i>Paddy and Water Environment</i> , 2019, 17, 741-759.	1.0	13
87	Fuzzy-based conflict resolution management of groundwater in-situ bioremediation under hydrogeological uncertainty. <i>Journal of Hydrology</i> , 2019, 571, 376-389.	2.3	19
88	The Potential of Serious Games to Solve Water Problems: Editorial to the Special Issue on Game-Based Approaches to Sustainable Water Governance. <i>Water (Switzerland)</i> , 2019, 11, 2562.	1.2	15
89	Analysis of deterministic and geostatistical interpolation techniques for mapping meteorological variables at large watershed scales. <i>Acta Geophysica</i> , 2019, 67, 191-203.	1.0	38
90	Modeling sustainability visions: A case study of multi-scale food systems in Southwestern Ontario. <i>Journal of Environmental Management</i> , 2019, 231, 1028-1047.	3.8	12

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91	Modified-DRASTIC, modified-SINTACS and SI methods for groundwater vulnerability assessment in the southern Tehran aquifer. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2019, 54, 89-100.	0.9	55
92	A critical review on the application of the National Sanitation Foundation Water Quality Index. <i>Environmental Pollution</i> , 2019, 244, 575-587.	3.7	147
93	Adaptive Neuro-Fuzzy Inference System integrated with solar zenith angle for forecasting sub-tropical Photosynthetically Active Radiation. <i>Food and Energy Security</i> , 2019, 8, e00151.	2.0	14
94	An ensemble prediction of flood susceptibility using multivariate discriminant analysis, classification and regression trees, and support vector machines. <i>Science of the Total Environment</i> , 2019, 651, 2087-2096.	3.9	498
95	Quantifying flood events in Bangladesh with a daily-step flood monitoring index based on the concept of daily effective precipitation. <i>Theoretical and Applied Climatology</i> , 2019, 137, 1201-1215.	1.3	8
96	A Stochastic Data-Driven Ensemble Forecasting Framework for Water Resources: A Case Study Using Ensemble Members Derived From a Database of Deterministic Wavelet-Based Models. <i>Water Resources Research</i> , 2019, 55, 175-202.	1.7	57
97	More food with less water – Optimizing agricultural water use. <i>Advances in Water Resources</i> , 2019, 123, 256-261.	1.7	12
98	Assessing the potential origins and human health risks of trace elements in groundwater: A case study in the Khoy plain, Iran. <i>Environmental Geochemistry and Health</i> , 2019, 41, 981-1002.	1.8	83
99	Water Vulnerability in Arctic Households: A Literature-based Analysis. <i>Arctic</i> , 2019, 72, 300-316.	0.2	9
100	Regionalizing time of concentration using landscape structural patterns of catchments. <i>Journal of Hydrology and Hydromechanics</i> , 2019, 67, 135-142.	0.7	5
101	Participatory mapping of ecosystem services to understand stakeholders'™ perceptions of the future of the Mactaquac Dam, Canada. <i>Ecosystem Services</i> , 2018, 30, 107-123.	2.3	36
102	Two-phase particle swarm optimized-support vector regression hybrid model integrated with improved empirical mode decomposition with adaptive noise for multiple-horizon electricity demand forecasting. <i>Applied Energy</i> , 2018, 217, 422-439.	5.1	122
103	A New Approach to Predict Daily pH in Rivers Based on the –Redundant Wavelet Transform Algorithm. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	1.1	10
104	Comparison of social-ecological resilience between two grassland management patterns driven by grassland land contract policy in the Maqu, Qinghai-Tibetan Plateau. <i>Land Use Policy</i> , 2018, 74, 88-96.	2.5	40
105	Future streamflow simulation in a snow-dominated Rocky Mountain headwater catchment. <i>Hydrology Research</i> , 2018, 49, 1172-1190.	1.1	2
106	Multi-household grazing management pattern maintains better soil fertility. <i>Agronomy for Sustainable Development</i> , 2018, 38, 1.	2.2	23
107	Addressing the incorrect usage of wavelet-based hydrological and water resources forecasting models for real-world applications with best practices and a new forecasting framework. <i>Journal of Hydrology</i> , 2018, 563, 336-353.	2.3	146
108	Exploring the effects of climatic variables on monthly precipitation variation using a continuous wavelet-based multiscale entropy approach. <i>Environmental Research</i> , 2018, 165, 176-192.	3.7	42

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109	Spatiotemporal variations of aridity in Iran using high-resolution gridded data. <i>International Journal of Climatology</i> , 2018, 38, 2701-2717.	1.5	49
110	Regionalizing Flood Magnitudes using Landscape Structural Patterns of Catchments. <i>Water Resources Management</i> , 2018, 32, 2385-2403.	1.9	9
111	Multi-step water quality forecasting using a boosting ensemble multi-wavelet extreme learning machine model. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 799-813.	1.9	83
112	A methodological framework to support the initiation, design and institutionalization of participatory modeling processes in water resources management. <i>Journal of Hydrology</i> , 2018, 556, 701-716.	2.3	41
113	Short-term electricity demand forecasting with MARS, SVR and ARIMA models using aggregated demand data in Queensland, Australia. <i>Advanced Engineering Informatics</i> , 2018, 35, 1-16.	4.0	200
114	Serious Games as Planning Support Systems: Learning from Playing Maritime Spatial Planning Challenge 2050. <i>Water (Switzerland)</i> , 2018, 10, 1786.	1.2	15
115	Effects of Afforestation on Soil Bulk Density and pH in the Loess Plateau, China. <i>Water (Switzerland)</i> , 2018, 10, 1710.	1.2	14
116	Socio-Psychological Perspectives on the Potential for Serious Games to Promote Transcendental Values in IWRM Decision-Making. <i>Water (Switzerland)</i> , 2018, 10, 1097.	1.2	14
117	Artificial intelligence approach for the prediction of Robusta coffee yield using soil fertility properties. <i>Computers and Electronics in Agriculture</i> , 2018, 155, 324-338.	3.7	111
118	Temporal and depth variation of water quality due to thermal stratification in Karkheh Reservoir, Iran. <i>Journal of Hydrology: Regional Studies</i> , 2018, 19, 279-286.	1.0	30
119	Interaction analysis data of simulation gaming events using the serious game Aqua Republica. <i>Data in Brief</i> , 2018, 19, 2315-2328.	0.5	0
120	Evidence for the occurrence of hydrogeochemical processes in the groundwater of Khoy plain, northwestern Iran, using ionic ratios and geochemical modeling. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	1.3	27
121	Input selection and data-driven model performance optimization to predict the Standardized Precipitation and Evaporation Index in a drought-prone region. <i>Atmospheric Research</i> , 2018, 212, 130-149.	1.8	68
122	Relationship between water quality and macro-scale parameters (land use, erosion, geology, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 1588-1600.	3.9	45
123	A brief overview of trends in groundwater research: Progress towards sustainability?. <i>Journal of Environmental Management</i> , 2018, 223, 849-851.	3.8	26
124	A real-time hourly water index for flood risk monitoring: Pilot studies in Brisbane, Australia, and Dobong Observatory, South Korea. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 450.	1.3	11
125	Using FloodRisk GIS freeware for uncertainty analysis of direct economic flood damages in Italy. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 73, 220-229.	1.4	18
126	Serious games as a catalyst for boundary crossing, collaboration and knowledge co-creation in a watershed governance context. <i>Journal of Environmental Management</i> , 2018, 223, 1010-1022.	3.8	45



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127	Assessing the benefits of serious games to support sustainable decision-making for transboundary watershed governance. <i>Canadian Water Resources Journal</i> , 2018, 43, 401-415.	0.5	5
128	Groundwater Pollution Sources Apportionment in the Ghaen Plain, Iran. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 172.	1.2	49
129	Effect of Land Use Change on Soil Carbon Storage over the Last 40 Years in the Shi Yang River Basin, China. <i>Land</i> , 2018, 7, 11.	1.2	19
130	Applying the Theory of Reliability to the Assessment of Hazard, Risk and Safety in a Hydrologic System: A Case Study in the Upper Sola River Catchment, Poland. <i>Water (Switzerland)</i> , 2018, 10, 723.	1.2	7
131	Influences of afforestation policies on soil moisture content in China's arid and semi-arid regions. <i>Land Use Policy</i> , 2018, 75, 449-458.	2.5	35
132	Forecasting surface water-level fluctuations of a small glacial lake in Poland using a wavelet-based artificial intelligence method. <i>Acta Geophysica</i> , 2018, 66, 1093-1107.	1.0	21
133	An Entropy-Based Approach to Fuzzy Multi-objective Optimization of Reservoir Water Quality Monitoring Networks Considering Uncertainties. <i>Water Resources Management</i> , 2018, 32, 4425-4443.	1.9	11
134	Investigating the management performance of disinfection analysis of water distribution networks using data mining approaches. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 397.	1.3	13
135	Spatio-temporal variation of rainfall over Bihar State, India. <i>Journal of Water and Land Development</i> , 2018, 36, 183-197.	0.9	23
136	Application of effective drought index for quantification of meteorological drought events: a case study in Australia. <i>Theoretical and Applied Climatology</i> , 2017, 128, 359-379.	1.3	50
137	An ensemble wavelet bootstrap machine learning approach to water demand forecasting: a case study in the city of Calgary, Canada. <i>Urban Water Journal</i> , 2017, 14, 185-201.	1.0	25
138	Forecasting effective drought index using a wavelet extreme learning machine (W-ELM) model. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 1211-1240.	1.9	173
139	Climate change impacts on surface water resources in arid and semi-arid regions: a case study in northern Jordan. <i>Acta Geodaetica Et Geophysica</i> , 2017, 52, 141-156.	0.7	20
140	Uncertainty Estimation in Flood Inundation Mapping: An Application of Non-parametric Bootstrapping. <i>River Research and Applications</i> , 2017, 33, 611-619.	0.7	27
141	A Hybrid of Genetic Algorithm and Evidential Reasoning for Optimal Design of Project Scheduling: A Systematic Negotiation Framework for Multiple Decision-Makers. <i>International Journal of Information Technology and Decision Making</i> , 2017, 16, 389-420.	2.3	7
142	Very short-term reactive forecasting of the solar ultraviolet index using an extreme learning machine integrated with the solar zenith angle. <i>Environmental Research</i> , 2017, 155, 141-166.	3.7	69
143	Investigation of the scaling characteristics of LANDSAT temperature and vegetation data: a wavelet-based approach. <i>International Journal of Biometeorology</i> , 2017, 61, 1709-1721.	1.3	3
144	Assessing the suitability of extreme learning machines (ELM) for groundwater level prediction. <i>Journal of Water and Land Development</i> , 2017, 32, 103-112.	0.9	58

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145	Parameter estimation and uncertainty analysis of the Spatial Agro Hydro Salinity Model (SAHYSMOD) in the semi-arid climate of Rechna Doab, Pakistan. <i>Environmental Modelling and Software</i> , 2017, 94, 186-211.	1.9	23
146	Coupling of a distributed stakeholder-built system dynamics socio-economic model with SAHYSMOD for sustainable soil salinity management. Part 2: Model coupling and application. <i>Journal of Hydrology</i> , 2017, 551, 278-299.	2.3	25
147	Coupling of a distributed stakeholder-built system dynamics socio-economic model with SAHYSMOD for sustainable soil salinity management " Part 1: Model development. <i>Journal of Hydrology</i> , 2017, 551, 596-618.	2.3	32
148	<i>FloodRisk</i>: a collaborative, free and open-source software for flood risk analysis. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1812-1832.	2.0	27
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