

Mohammad Reza Nikoo

List of Publications by Year in descending order

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148
papers

4,225
citations

101496

36
h-index

155592

55
g-index

150
all docs

150
docs citations

150
times ranked

3446
citing authors

#	ARTICLE	IF	CITATIONS
1	Iran's Socio-economic Drought: Challenges of a Water-Bankrupt Nation. <i>Iranian Studies</i> , 2016, 49, 997-1016.	0.2	247
2	A novel multi criteria decision making model for optimizing time-cost-quality trade-off problems in construction projects. <i>Expert Systems With Applications</i> , 2015, 42, 3089-3104.	4.4	148
3	A century of observations reveals increasing likelihood of continental-scale compound dry-hot extremes. <i>Science Advances</i> , 2020, 6, .	4.7	148
4	Evaluating the efficacy of SVMs, BNs, ANNs and ANFIS in wave height prediction. <i>Ocean Engineering</i> , 2011, 38, 487-497.	1.9	136
5	Iran in transition. <i>Lancet, The</i> , 2019, 393, 1984-2005.	6.3	131
6	Anthropogenic Drought: Definition, Challenges, and Opportunities. <i>Reviews of Geophysics</i> , 2021, 59, e2019RG000683.	9.0	126
7	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
8	A fusion-based methodology for meteorological drought estimation using remote sensing data. <i>Remote Sensing of Environment</i> , 2018, 211, 229-247.	4.6	86
9	Compounding effects of human activities and climatic changes on surface water availability in Iran. <i>Climatic Change</i> , 2019, 152, 379-391.	1.7	84
10	The Groundwater-Energy-Food Nexus in Iran's Agricultural Sector: Implications for Water Security. <i>Water (Switzerland)</i> , 2019, 11, 1835.	1.2	83
11	Climate-informed environmental inflows to revive a drying lake facing meteorological and anthropogenic droughts. <i>Environmental Research Letters</i> , 2018, 13, 084010.	2.2	82
12	Anthropogenic depletion of Iran's aquifers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	82
13	An agent-based-nash modeling framework for sustainable groundwater management: A case study. <i>Agricultural Water Management</i> , 2016, 177, 348-358.	2.4	64
14	Wind, Solar, and Photovoltaic Renewable Energy Systems with and without Energy Storage Optimization: A Survey of Advanced Machine Learning and Deep Learning Techniques. <i>Energies</i> , 2022, 15, 578.	1.6	61
15	A probabilistic water quality index for river water quality assessment: a case study. <i>Environmental Monitoring and Assessment</i> , 2011, 181, 465-478.	1.3	60
16	Using Analytical Hierarchy Process and Multi-Influencing Factors to Map Groundwater Recharge Zones in a Semi-Arid Mediterranean Coastal Aquifer. <i>Water (Switzerland)</i> , 2020, 12, 2525.	1.2	60
17	System dynamics simulation of regional water supply and demand using a food-energy-water nexus approach: Application to Qazvin Plain, Iran. <i>Journal of Environmental Management</i> , 2021, 280, 111843.	3.8	60
18	Developing real time operating rules for trading discharge permits in rivers: Application of Bayesian Networks. <i>Environmental Modelling and Software</i> , 2009, 24, 238-246.	1.9	58

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19	Hydro-environmental management of groundwater resources: A fuzzy-based multi-objective compromise approach. <i>Journal of Hydrology</i> , 2017, 551, 540-554.	2.3	57
20	Degradation of ciprofloxacin antibiotic by Homogeneous Fenton oxidation: Hybrid AHP-PROMETHEE method, optimization, biodegradability improvement and identification of oxidized by-products. <i>Chemosphere</i> , 2018, 206, 157-167.	4.2	56
21	Development of expert systems for the prediction of scour depth under live-bed conditions at river confluences: Application of different types of ANNs and the M5P model tree. <i>Applied Soft Computing Journal</i> , 2015, 34, 51-59.	4.1	48
22	Developing a stochastic conflict resolution model for urban runoff quality management: Application of info-gap and bargaining theories. <i>Journal of Hydrology</i> , 2016, 533, 200-212.	2.3	48
23	A risk-based multi-objective model for optimal placement of sensors in water distribution system. <i>Journal of Hydrology</i> , 2018, 557, 147-159.	2.3	48
24	Optimal and objective placement of sensors in water distribution systems using information theory. <i>Water Research</i> , 2018, 143, 218-228.	5.3	48
25	Groundwater risk assessment based on optimization framework using DRASTIC method. <i>Arabian Journal of Geosciences</i> , 2016, 9, 1.	0.6	47
26	A fuzzy KNN-based model for significant wave height prediction in large lakes. <i>Oceanologia</i> , 2018, 60, 153-168.	1.1	46
27	GHWR, a multi-method global heatwave and warm-spell record and toolbox. <i>Scientific Data</i> , 2018, 5, 180206.	2.4	46
28	Maximum fundamental frequency and thermal buckling temperature of laminated composite plates by a new hybrid multi-objective optimization technique. <i>Thin-Walled Structures</i> , 2015, 95, 408-415.	2.7	45
29	A game theoretical low impact development optimization model for urban storm water management. <i>Journal of Cleaner Production</i> , 2019, 241, 118323.	4.6	44
30	An Interval Parameter Model for Cooperative Inter-Basin Water Resources Allocation Considering the Water Quality Issues. <i>Water Resources Management</i> , 2012, 26, 3329-3343.	1.9	43
31	Optimal water and waste load allocation in reservoir-river systems: a case study. <i>Environmental Earth Sciences</i> , 2014, 71, 4127-4142.	1.3	41
32	Increasing concurrence of wildfire drivers tripled megafire critical danger days in Southern California between 1982 and 2018. <i>Environmental Research Letters</i> , 2020, 15, 104002.	2.2	40
33	Water Quality Zoning Using Probabilistic Support Vector Machines and Self-Organizing Maps. <i>Water Resources Management</i> , 2013, 27, 2577-2594.	1.9	39
34	Developing a Multi-Objective Conflict-Resolution Model for Optimal Groundwater Management Based on Fallback Bargaining Models and Social Choice Rules: a Case Study. <i>Water Resources Management</i> , 2017, 31, 1457-1472.	1.9	39
35	A coupled agent-based risk-based optimization model for integrated urban water management. <i>Sustainable Cities and Society</i> , 2020, 53, 101922.	5.1	39
36	Optimal water and waste-load allocations in rivers using a fuzzy transformation technique: a case study. <i>Environmental Monitoring and Assessment</i> , 2013, 185, 2483-2502.	1.3	38

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37	Optimized electro-Fenton process with sacrificial stainless steel anode for degradation/mineralization of ciprofloxacin. <i>Chemical Engineering Research and Design</i> , 2019, 132, 340-350.	2.7	37
38	Water and Pollution Discharge Permit Allocation to Agricultural Zones: Application of Game Theory and Min-Max Regret Analysis. <i>Water Resources Management</i> , 2012, 26, 4241-4257.	1.9	36
39	A Nonlinear Interval Model for Water and Waste Load Allocation in River Basins. <i>Water Resources Management</i> , 2012, 26, 2911-2926.	1.9	35
40	Optimizing Multiple-Pollutant Waste Load Allocation in Rivers: An Interval Parameter Game Theoretic Model. <i>Water Resources Management</i> , 2016, 30, 4201-4220.	1.9	34
41	Pressure sensor placement in water distribution networks for leak detection using a hybrid information-entropy approach. <i>Information Sciences</i> , 2020, 516, 56-71.	4.0	34
42	Scheduling by NSGA-II: Review and Bibliometric Analysis. <i>Processes</i> , 2022, 10, 98.	1.3	34
43	Developing a non-cooperative optimization model for water and crop area allocation based on leader-follower game. <i>Journal of Hydrology</i> , 2018, 567, 51-59.	2.3	33
44	A Multi-Objective Risk-Based Game Theoretic Approach to Reservoir Operation Policy in Potential Future Drought Condition. <i>Water Resources Management</i> , 2019, 33, 1999-2014.	1.9	33
45	Rules for Optimal Operation of Reservoir-River-Groundwater Systems Considering Water Quality Targets: Application of M5P Model. <i>Water Resources Management</i> , 2013, 27, 2771-2784.	1.9	32
46	Multi-objective optimumA design of double-layer perforated-wall breakwaters: Application of NSGA-II and bargaining models. <i>Applied Ocean Research</i> , 2014, 47, 47-52.	1.8	32
47	Optimal Design of Detention Rockfill Dams Using a Simulation-Based Optimization Approach with Mixed Sediment in the Flow. <i>Water Resources Management</i> , 2015, 29, 5469-5488.	1.9	32
48	Stochastic modeling of suspended sediment load in alluvial rivers. <i>Advances in Water Resources</i> , 2018, 119, 188-196.	1.7	32
49	A robust decision support leader-follower framework for design of contamination warning system in water distribution network. <i>Journal of Cleaner Production</i> , 2019, 214, 666-673.	4.6	32
50	A hybrid TOPSIS-agent-based framework for reducing the water demand requested by stakeholders with considering the agentsâ€™ characteristics and optimization of cropping pattern. <i>Agricultural Water Management</i> , 2018, 199, 71-85.	2.4	31
51	Equitable Waste Load Allocation in Rivers Using Fuzzy Bi-matrix Games. <i>Water Resources Management</i> , 2012, 26, 4539-4552.	1.9	30
52	A Conditional Value at Risk-Based Model for Planning Agricultural Water and Return Flow Allocation in River Systems. <i>Water Resources Management</i> , 2016, 30, 427-443.	1.9	30
53	Placing an ensemble of pressure sensors for leak detection in water distribution networks under measurement uncertainty. <i>Journal of Hydroinformatics</i> , 2019, 21, 223-239.	1.1	27
54	River water quality management considering agricultural return flows: application of a nonlinear two-stage stochastic fuzzy programming. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 158.	1.3	25

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55	Spatio-Temporal Multi-Criteria Optimization of Reservoir Water Quality Monitoring Network Using Value of Information and Transinformation Entropy. <i>Water Resources Management</i> , 2018, 32, 3489-3504.	1.9	25
56	Battling Water Limits to Growth: Lessons from Water Trends in the Central Plateau of Iran. <i>Environmental Management</i> , 2021, 68, 53-64.	1.2	25
57	Mitigating Socio-Economic-Environmental Impacts During Drought Periods by Optimizing the Conjunctive Management of Water Resources. <i>Water Resources Management</i> , 2014, 28, 1517-1529.	1.9	24
58	Water and waste load allocation in rivers with emphasis on agricultural return flows: application of fractional factorial analysis. <i>Environmental Monitoring and Assessment</i> , 2014, 186, 5935-5949.	1.3	24
59	Optimal Long-term Operation of Reservoir-river Systems under Hydrologic Uncertainties: Application of Interval Programming. <i>Water Resources Management</i> , 2013, 27, 3865-3883.	1.9	22
60	Developing water quality management policies for the Chitgar urban lake: application of fuzzy social choice and evidential reasoning methods. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	22
61	A multi-objective simulation-optimization model for in situ bioremediation of groundwater contamination: Application of bargaining theory. <i>Journal of Hydrology</i> , 2017, 551, 407-422.	2.3	22
62	A hybrid clustering-fusion methodology for land subsidence estimation. <i>Natural Hazards</i> , 2018, 94, 905-926.	1.6	22
63	Implications of groundwater development and seawater intrusion for sustainability of a Mediterranean coastal aquifer in Tunisia. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 696.	1.3	22
64	Developing a fuzzy optimization model for groundwater risk assessment based on improved DRASTIC method. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	22
65	The environmental flows implementation challenge: Insights and recommendations across water-limited systems. <i>Wiley Interdisciplinary Reviews: Water</i> , 2022, 9, e1565.	2.8	22
66	A multi-objective optimal allocation of treated wastewater in urban areas using leader-follower game. <i>Journal of Cleaner Production</i> , 2020, 267, 122189.	4.6	21
67	Optimal spatio-temporal design of water quality monitoring networks for reservoirs: Application of the concept of value of information. <i>Journal of Hydrology</i> , 2018, 558, 328-340.	2.3	20
68	A Review on Interpretable and Explainable Artificial Intelligence in Hydroclimatic Applications. <i>Water (Switzerland)</i> , 2022, 14, 1230.	1.2	20
69	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
70	Groundwater sustainability: Developing a non-cooperative optimal management scenario in shared groundwater resources under water bankruptcy conditions. <i>Journal of Environmental Management</i> , 2021, 292, 112807.	3.8	19
71	A Multi-Model Nonstationary Rainfall-Runoff Modeling Framework: Analysis and Toolbox. <i>Water Resources Management</i> , 2019, 33, 3011-3024.	1.9	18
72	Experimental study and numerical verification of silted-up dam break. <i>Journal of Hydrology</i> , 2020, 590, 125267.	2.3	18

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73	Pollution Source Identification in Groundwater Systems: Application of Regret Theory and Bayesian Networks. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2016, 40, 241-249.	1.0	17
74	A fuzzy multi-stakeholder socio-optimal model for water and waste load allocation. Environmental Monitoring and Assessment, 2019, 191, 359.	1.3	17
75	Fuzzy Multi-Objective Simulation-Optimization of Stepped Spillways Considering Flood Uncertainty. Water Resources Management, 2019, 33, 2261-2275.	1.9	17
76	A deep learning image segmentation model for agricultural irrigation system classification. Computers and Electronics in Agriculture, 2022, 198, 106977.	3.7	17
77	Socially-Optimal and Nash Pareto-Based Alternatives for Water Allocation under Uncertainty: an Approach and Application. Water Resources Management, 2018, 32, 2985-3000.	1.9	16
78	Sequential ordering of crane service requests considering the pending times of the requests: An approach based on game theory and optimization techniques. Automation in Construction, 2016, 70, 62-76.	4.8	15
79	A novel hybrid entropy-clustering approach for optimal placement of pressure sensors for leakage detection in water distribution systems under uncertainty. Urban Water Journal, 2020, 17, 185-198.	1.0	15
80	Sea Level Rise Effect on Groundwater Rise and Stormwater Retention Pond Reliability. Water (Switzerland), 2020, 12, 1129.	1.2	15
81	Optimal degradation of Ciprofloxacin in a heterogeneous Fenton-like process using Tj ETQq1 1 0.784314 rgBT /Overlock Technology and Innovation, 2021, 23, 101625.	3.0	15
82	Impacts of reduced deposition of atmospheric nitrogen on coastal marine eco-system during substantial shift in human activities in the twenty-first century. Geomatics, Natural Hazards and Risk, 2021, 12, 2023-2047.	2.0	15
83	Development and surrogate-based calibration of a CO2 reservoir model. Journal of Hydrology, 2020, 586, 124798.	2.3	14
84	Reliability of functional forms for calculation of longitudinal dispersion coefficient in rivers. Science of the Total Environment, 2021, 791, 148394.	3.9	14
85	A Game Theory Approach for Conjunctive Use Optimization Model Based on Virtual Water Concept. Civil Engineering Journal (Iran), 2018, 4, 1315.	1.2	14
86	Optimizing Fenton-like process, homogeneous at neutral pH for ciprofloxacin degradation: Comparing RSM-CCD and ANN-GA. Journal of Environmental Management, 2022, 317, 115469.	3.8	14
87	Risk-based Stochastic Optimization of Evaporation Ponds as a Cost-Effective and Environmentally-Friendly Solution for the Disposal of Oil-Produced Water. Journal of Water Process Engineering, 2020, 38, 101607.	2.6	13
88	Handling uncertainty in optimal design of reservoir water quality monitoring systems. Environmental Pollution, 2020, 266, 115211.	3.7	13
89	Stochastic optimization model for determining support system parameters of a subway station. Expert Systems With Applications, 2022, 203, 117509.	4.4	13
90	Stakeholder engagement in multi-objective optimization of water quality monitoring network, case study: Karkheh Dam reservoir. Water Science and Technology: Water Supply, 2017, 17, 966-974.	1.0	12

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91	Facilitating Integration in Interdisciplinary Research: Lessons from a South Florida Water, Sustainability, and Climate Project. <i>Environmental Management</i> , 2018, 62, 1025-1037.	1.2	12
92	Evaluation of two satellite-based products against ground-based observation for drought analysis in the southern part of Iran. <i>Natural Hazards</i> , 2020, 102, 1249-1267.	1.6	12
93	A Game Theoretic Model for Trading Pollution Discharge Permits in River Systems. <i>International Journal of Environmental Science and Development</i> , 0, , 162-166.	0.2	12
94	A Stochastic Conflict Resolution Optimization Model for Flood Management in Detention Basins: Application of Fuzzy Graph Model. <i>Water (Switzerland)</i> , 2022, 14, 774.	1.2	12
95	Multi-objective optimization of ciprofloxacin antibiotic removal from an aqueous phase with grey taguchi method. <i>Journal of Water and Health</i> , 2018, 16, 530-541.	1.1	11
96	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
97	Multi-Objective Hydraulic Optimization of Diversion Dam's Cut-Off. <i>Water Resources Management</i> , 2018, 32, 3723-3736.	1.9	11
98	A fuzzy multi-objective optimization approach for treated wastewater allocation. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 468.	1.3	11
99	Probabilistic hazard assessment of contaminated sediment in rivers. <i>Science of the Total Environment</i> , 2020, 703, 134875.	3.9	11
100	Multi-objective conflict resolution optimization model for reservoir's selective depth water withdrawal considering water quality. <i>Environmental Science and Pollution Research</i> , 2021, 28, 3035-3050.	2.7	11
101	Progressive improvement of DRASTICA and SI models for groundwater vulnerability assessment based on evolutionary algorithms. <i>Environmental Science and Pollution Research</i> , 2022, 29, 55845-55865.	2.7	11
102	A novel CVaR-based conflict resolution model for optimal allocation of treated wastewater under bankruptcy conditions. <i>Journal of Cleaner Production</i> , 2020, 252, 119766.	4.6	10
103	Permeable Breakwaters Performance Modeling: A Comparative Study of Machine Learning Techniques. <i>Remote Sensing</i> , 2020, 12, 1856.	1.8	10
104	Observed Changes in Crop Yield Associated with Droughts Propagation via Natural and Human-Disturbed Agro-Ecological Zones of Pakistan. <i>Remote Sensing</i> , 2022, 14, 2152.	1.8	10
105	Optimal joint deployment of flow and pressure sensors for leak identification in water distribution networks. <i>Urban Water Journal</i> , 2018, 15, 837-846.	1.0	9
106	Estimation of air-flow parameters and turbulent intensity in hydraulic jump on rough bed using Bayesian model averaging. <i>Applied Soft Computing Journal</i> , 2021, 103, 107165.	4.1	9
107	An emergency multi-objective compromise framework for reservoir operation under suddenly injected pollution. <i>Journal of Hydrology</i> , 2021, 598, 126242.	2.3	9
108	Reservoir optimal operation with an integrated approach for managing floods and droughts using NSGA-III and prospect behavioral theory. <i>Journal of Hydrology</i> , 2022, 610, 127961.	2.3	9

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109	Framework for Rigorous Analysis of Moisture-Related Structural Damage in Flexible Pavements. Transportation Research Record, 2019, 2673, 640-648.	1.0	8
110	Assessing optimal water quality monitoring network in road construction using integrated information-theoretic techniques. Journal of Hydrology, 2020, 589, 125366.	2.3	8
111	Optimization of degradation of ciprofloxacin antibiotic and assessment of degradation products using full factorial experimental design by Fenton Homogenous process. Global Nest Journal, 2018, 20, 324-332.	0.3	8
112	Reservoir operation under accidental MTBE pollution: A graph-based conflict resolution framework considering spatial-temporal-quantitative uncertainties. Journal of Hydrology, 2022, 605, 127313.	2.3	8
113	Vulnerability of a Tunisian Coastal Aquifer to Seawater Intrusion: Insights from the GALDIT Model. Water (Switzerland), 2022, 14, 1177.	1.2	8
114	A Hybrid of Genetic Algorithm and Evidential Reasoning for Optimal Design of Project Scheduling: A Systematic Negotiation Framework for Multiple Decision-Makers. International Journal of Information Technology and Decision Making, 2017, 16, 389-420.	2.3	7
115	Planning for agricultural return flow allocation: application of info-gap decision theory and a nonlinear CVaR-based optimization model. Environmental Science and Pollution Research, 2018, 25, 25115-25129.	2.7	7
116	A novel dynamic hydrant flushing framework facilitated by categorizing contamination events. Urban Water Journal, 2020, 17, 199-211.	1.0	7
117	Oxygenation of aquifers with fluctuating water table: A laboratory and modeling study. Journal of Hydrology, 2020, 590, 125261.	2.3	7
118	A hybrid statistical decision-making optimization approach for groundwater vulnerability considering uncertainty. Environmental Science and Pollution Research, 2022, 29, 8597-8612.	2.7	7
119	A novel Bayesian maximum entropy-based approach for optimal design of water quality monitoring networks in rivers. Journal of Hydrology, 2021, 603, 126822.	2.3	7
120	Wave Height Prediction Using Artificial Immune Recognition Systems (AIRS) and Some Other Data Mining Techniques. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2017, 41, 329-344.	1.0	6
121	A fusion-based neural network methodology for monthly reservoir inflow prediction using MODIS products. Hydrological Sciences Journal, 2018, 63, 2076-2096.	1.2	6
122	Confined Aquifer's Hydraulic Parameters Estimation by a Generalized Regression Neural Network. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2020, 44, 259-269.	1.0	6
123	A Hybrid Fuzzy-Probabilistic Bargaining Approach for Multi-objective Optimization of Contamination Warning Sensors in Water Distribution Systems. Group Decision and Negotiation, 2021, 30, 641-663.	2.0	6
124	DEVELOPING MULTI-CRITERIA DECISION ANALYSIS AND TAGUCHI METHOD TO OPTIMIZE CIPROFLOXACIN REMOVAL FROM AQUEOUS PHASE. Environmental Engineering and Management Journal, 2019, 18, 1543-1552.	0.2	6
125	A Multi-objective Simulation's Optimization Approach for Design of Cutoff Walls and Apron of Diversion Dams. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2019, 43, 241-252.	1.0	5
126	Hydraulic optimization of corrugated stilling basin with adverse slope. Water Science and Technology: Water Supply, 2019, 19, 313-322.	1.0	5

#	ARTICLE	IF	CITATIONS
127	Optimizing chute-flip bucket system based on meta-modelling approach. Canadian Journal of Civil Engineering, 2020, 47, 584-595.	0.7	5
128	Selecting the Right Crops for Cropping Pattern Optimization Based on Social Choice and Fallback Bargaining Methods Considering Stakeholdersâ€™ Views. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2021, 45, 1077-1088.	1.0	5
129	Optimal Water Allocation from Subsurface Dams: A Risk-Based Optimization Approach. Water Resources Management, 2021, 35, 4275-4290.	1.9	5
130	A scenario-based coupled SWAT-MODFLOW decision support system for advanced water resource management. Journal of Hydroinformatics, 2022, 24, 56-77.	1.1	5
131	Downstream semi-circular obstacles' influence on floods arising from the failure of dams with different levels of reservoir silting. Physics of Fluids, 2022, 34, 013312.	1.6	5
132	Conflict resolution in the multi-stakeholder stepped spillway design under uncertainty by machine learning techniques. Applied Soft Computing Journal, 2021, 110, 107721.	4.1	4
133	Optimal estimation of unconfined aquifer parameters in uncertain environment based on fuzzy transformation method. Water Science and Technology: Water Supply, 2019, 19, 444-450.	1.0	3
134	Spatiotemporal Dimensions of Water Stress Accounting: Incorporating Groundwaterâ€™Surface Water Interactions and Ecological Thresholds. Environmental Science & Technology, 2019, 53, 2316-2323.	4.6	3
135	Experimental dataset on water levels, sediment depths and wave front celerity values in the study of multiphase shock wave for different initial up- and down-stream conditions. Data in Brief, 2021, 36, 107082.	0.5	3
136	Climate Change Impacts on Agricultural Water Availability in the Middle Rio Grande Basin. Journal of the American Water Resources Association, 0, , .	1.0	3
137	Optimum Operation of Reservoirs in the Karkheh Basin in Iran Considering Impacts of Non-integrated Development and Climate Change. Iranian Journal of Science and Technology - Transactions of Civil Engineering, 2019, 43, 37-47.	1.0	2
138	Determining hydrogeological parameters of an aquifer in Sirjan Basin using Envisat ASAR interferometry and groundwater modelling. International Journal of Remote Sensing, 2020, 41, 655-682.	1.3	2
139	A K-Sensor correlation-based evolutionary optimization algorithm to cluster contamination events and place sensors in water distribution systems. Journal of Cleaner Production, 2021, 319, 128763.	4.6	2
140	A coupled water allocation simulationâ€™optimization model to advance agricultural water management. Arabian Journal of Geosciences, 2022, 15, 1.	0.6	2
141	The application of Bayesian model averaging based on artificial intelligent models in estimating multiphase shock flood waves. Neural Computing and Applications, 0, , .	3.2	2
142	A new mixed method for nonlinear fuzzy free vibration analysis of nanobeams on nonlinear elastic foundation. JVC/Journal of Vibration and Control, 2018, 24, 5765-5773.	1.5	1
143	Monitoring and Management of Land Subsidence Induced by Over-exploitation of Groundwater. Advances in Natural and Technological Hazards Research, 2019, , 271-296.	1.1	1
144	Design of a high-coverage ground-based CO2 monitoring layout using a novel information theory-based optimization model. Environmental Monitoring and Assessment, 2021, 193, 150.	1.3	1

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145	TIME SERIES ANALYSIS OF INSAR DATA TO STUDY LAND SUBSIDENCE INDUCED BY GROUNDWATER LEVEL DECLINE IN SIRJAN PLAIN. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-4/W4, 51-57.	0.2	1
146	Process-constrained statistical modeling of sediment yield. Catena, 2022, 209, 105794.	2.2	1
147	Developing Real Time Operating Rules for Trading Discharge Permits in Rivers: Application of Bayesian Networks. , 2008, , .		0
148	Managing Water Stress and Climate Risk in South Florida. Journal of Water Resources Planning and Management - ASCE, 2022, 148, .	1.3	0