

Mohammad Reza Nikoo

List of Publications by Citations

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143
papers

2,458
citations

28
h-index

42
g-index

150
ext. papers

3,243
ext. citations

4.9
avg, IF

5.91
L-index

#	Paper	IF	Citations
143	Iran's Socio-economic Drought: Challenges of a Water-Bankrupt Nation. <i>Iranian Studies</i> , 2016 , 49, 997-1016	16.4	156
142	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	7.8	116
141	Evaluating the efficacy of SVMs, BNs, ANNs and ANFIS in wave height prediction. <i>Ocean Engineering</i> , 2011 , 38, 487-497	3.9	95
140	Iran in transition. <i>Lancet, The</i> , 2019 , 393, 1984-2005	4.0	64
139	Climate-informed environmental inflows to revive a drying lake facing meteorological and anthropogenic droughts. <i>Environmental Research Letters</i> , 2018 , 13, 084010	6.2	63
138	A fusion-based methodology for meteorological drought estimation using remote sensing data. <i>Remote Sensing of Environment</i> , 2018 , 211, 229-247	13.2	52
137	Hydro-environmental management of groundwater resources: A fuzzy-based multi-objective compromise approach. <i>Journal of Hydrology</i> , 2017 , 551, 540-554	6	50
136	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	5.2	49
135	Compounding effects of human activities and climatic changes on surface water availability in Iran. <i>Climatic Change</i> , 2019 , 152, 379-391	4.5	49
134	A probabilistic water quality index for river water quality assessment: a case study. <i>Environmental Monitoring and Assessment</i> , 2011 , 181, 465-78	3.1	46
133	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	6	45
132	An agent-based-nash modeling framework for sustainable groundwater management: A case study. <i>Agricultural Water Management</i> , 2016 , 177, 348-358	5.9	44
131	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	8.4	42
130	The Groundwater-Energy-Food Nexus in Iran's Agricultural Sector: Implications for Water Security. <i>Water (Switzerland)</i> , 2019 , 11, 1835	3	41
129	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	3.7	39
128	A century of observations reveals increasing likelihood of continental-scale compound dry-hot extremes. <i>Science Advances</i> , 2020 , 6,	14.3	39
127	Anthropogenic Drought: Definition, Challenges, and Opportunities. <i>Reviews of Geophysics</i> , 2021 , 59, e2019RG000683	13.9	39

126	Optimal water and waste load allocation in reservoir-river systems: a case study. <i>Environmental Earth Sciences</i> , 2014 , 71, 4127-4142	2.9	37
125	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 MSP model tree. <i>Applied Soft Computing Journal</i> , 2015 , 34, 51-59	7.5	37
124	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	4.7	36
123	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	6	36
122	A risk-based multi-objective model for optimal placement of sensors in water distribution system. <i>Journal of Hydrology</i> , 2018 , 557, 147-159	6	36
121	Groundwater risk assessment based on optimization framework using DRASTIC method. <i>Arabian Journal of Geosciences</i> , 2016 , 9, 1	1.8	33
120	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	3.7	32
119	Optimal water and waste-load allocations in rivers using a fuzzy transformation technique: a case study. <i>Environmental Monitoring and Assessment</i> , 2013 , 185, 2483-502	3.1	32
118	A Nonlinear Interval Model for Water and Waste Load Allocation in River Basins. <i>Water Resources Management</i> , 2012 , 26, 2911-2926	3.7	30
117	Optimal and objective placement of sensors in water distribution systems using information theory. <i>Water Research</i> , 2018 , 143, 218-228	12.5	30
116	Water Quality Zoning Using Probabilistic Support Vector Machines and Self-Organizing Maps. <i>Water Resources Management</i> , 2013 , 27, 2577-2594	3.7	29
115	Stochastic modeling of suspended sediment load in alluvial rivers. <i>Advances in Water Resources</i> , 2018 , 119, 188-196	4.7	27
114	A fuzzy KNN-based model for significant wave height prediction in large lakes. <i>Oceanologia</i> , 2018 , 60, 153-168	2.2	27
113	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	3.7	26
112	Rules for Optimal Operation of Reservoir-River-Groundwater Systems Considering Water Quality Targets: Application of MSP Model. <i>Water Resources Management</i> , 2013 , 27, 2771-2784	3.7	26
111	Optimizing Multiple-Pollutant Waste Load Allocation in Rivers: An Interval Parameter Game Theoretic Model. <i>Water Resources Management</i> , 2016 , 30, 4201-4220	3.7	26
110	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	3.7	25
109	Multi-objective optimum design of double-layer perforated-wall breakwaters: Application of NSGA-II and bargaining models. <i>Applied Ocean Research</i> , 2014 , 47, 47-52	3.4	25

108	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	3.7	24
107	Equitable Waste Load Allocation in Rivers Using Fuzzy Bi-matrix Games. <i>Water Resources Management</i> , 2012 , 26, 4539-4552	3.7	24
106	GHWR, a multi-method global heatwave and warm-spell record and toolbox. <i>Scientific Data</i> , 2018 , 5, 180206	8.2	24
105	Anthropogenic depletion of Iran's aquifers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	24
104	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, 5935-49	3.1	23
103	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	3.7	21
102	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	3.1	21
101	Optimal Long-term Operation of Reservoir-river Systems under Hydrologic Uncertainties: Application of Interval Programming. <i>Water Resources Management</i> , 2013 , 27, 3865-3883	3.7	21
100	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	6.2	21
99	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	3	21
98	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	10.3	21
97	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	7.9	21
96	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	5.5	20
95	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	3.7	20
94	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	6	20
93	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	6	19
92	A coupled agent-based risk-based optimization model for integrated urban water management. <i>Sustainable Cities and Society</i> , 2020 , 53, 101922	10.1	19
91	A game theoretical low impact development optimization model for urban storm water management. <i>Journal of Cleaner Production</i> , 2019 , 241, 118323	10.3	18

90	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	6	18
89	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	3.7	18
88	A hybrid TOPSIS-agent-based framework for reducing the water demand requested by stakeholders with considering the agents characteristics and optimization of cropping pattern. <i>Agricultural Water Management</i> , 2018 , 199, 71-85	5.9	17
87	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	2.9	17
86	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	2.6	17
85	A Multi-Model Nonstationary Rainfall-Runoff Modeling Framework: Analysis and Toolbox. <i>Water Resources Management</i> , 2019 , 33, 3011-3024	3.7	14
84	A hybrid clustering-fusion methodology for land subsidence estimation. <i>Natural Hazards</i> , 2018 , 94, 905-926	3.6	14
83	Pressure sensor placement in water distribution networks for leak detection using a hybrid information-entropy approach. <i>Information Sciences</i> , 2020 , 516, 56-71	7.7	13
82	Socially-Optimal and Nash Pareto-Based Alternatives for Water Allocation under Uncertainty: an Approach and Application. <i>Water Resources Management</i> , 2018 , 32, 2985-3000	3.7	12
81	Pollution Source Identification in Groundwater Systems: Application of Regret Theory and Bayesian Networks. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2016 , 40, 241-249	1.1	12
80	Stakeholder engagement in multi-objective optimization of water quality monitoring network, case study: Karkheh Dam reservoir. <i>Water Science and Technology: Water Supply</i> , 2017 , 17, 966-974	1.4	11
79	Fuzzy-based conflict resolution management of groundwater in-situ bioremediation under hydrogeological uncertainty. <i>Journal of Hydrology</i> , 2019 , 571, 376-389	6	11
78	A multi-objective optimal allocation of treated wastewater in urban areas using leader-follower game. <i>Journal of Cleaner Production</i> , 2020 , 267, 122189	10.3	11
77	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	3.7	11
76	Developing a fuzzy optimization model for groundwater risk assessment based on improved DRASTIC method. <i>Environmental Earth Sciences</i> , 2019 , 78, 1	2.9	10
75	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	3.1	10
74	A Game Theory Approach for Conjunctive Use Optimization Model Based on Virtual Water Concept. <i>Civil Engineering Journal (Iran)</i> , 2018 , 4, 1315	5.2	10
73	Battling Water Limits to Growth: Lessons from Water Trends in the Central Plateau of Iran. <i>Environmental Management</i> , 2021 , 68, 53-64	3.1	10

72	A fuzzy multi-objective optimization approach for treated wastewater allocation. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 468	3.1	9
71	A fuzzy multi-stakeholder socio-optimal model for water and waste load allocation. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 359	3.1	9
70	Fuzzy Multi-Objective Simulation-Optimization of Stepped Spillways Considering Flood Uncertainty. <i>Water Resources Management</i> , 2019 , 33, 2261-2275	3.7	9
69	Sequential ordering of crane service requests considering the pending times of the requests: An approach based on game theory and optimization techniques. <i>Automation in Construction</i> , 2016 , 70, 62-76	3.6	9
68	Development and surrogate-based calibration of a CO2 reservoir model. <i>Journal of Hydrology</i> , 2020 , 586, 124798	6	8
67	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	3.1	8
66	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	10.3	8
65	Facilitating Integration in Interdisciplinary Research: Lessons from a South Florida Water, Sustainability, and Climate Project. <i>Environmental Management</i> , 2018 , 62, 1025-1037	3.1	8
64	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	2.2	8
63	Experimental study and numerical verification of silted-up dam break. <i>Journal of Hydrology</i> , 2020 , 590, 125267	6	7
62	Handling uncertainty in optimal design of reservoir water quality monitoring systems. <i>Environmental Pollution</i> , 2020 , 266, 115211	9.3	7
61	Multi-Objective Hydraulic Optimization of Diversion Dam Cut-Off. <i>Water Resources Management</i> , 2018 , 32, 3723-3736	3.7	7
60	Assessing optimal water quality monitoring network in road construction using integrated information-theoretic techniques. <i>Journal of Hydrology</i> , 2020 , 589, 125366	6	7
59	Optimal degradation of Ciprofloxacin in a heterogeneous Fenton-like process using (FeOOH)/MWCNTs nanocomposite. <i>Environmental Technology and Innovation</i> , 2021 , 23, 101625	7	7
58	Impacts of reduced deposition of atmospheric nitrogen on coastal marine eco-system during substantial shift in human activities in the twenty-first century. <i>Geomatics, Natural Hazards and Risk</i> , 2021 , 12, 2023-2047	3.6	7
57	A novel hybrid entropy-clustering approach for optimal placement of pressure sensors for leakage detection in water distribution systems under uncertainty. <i>Urban Water Journal</i> , 2020 , 17, 185-198	2.3	6
56	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	3	6
55	Optimization of degradation of ciprofloxacin antibiotic and assessment of degradation products using full factorial experimental design by Fenton Homogenous process. <i>Global Nest Journal</i> , 2018 , 20, 324-332	1.4	6

54	A Game Theoretic Model for Trading Pollution Discharge Permits in River Systems. <i>International Journal of Environmental Science and Development</i> , 162-166	0.4	6
53	Probabilistic hazard assessment of contaminated sediment in rivers. <i>Science of the Total Environment</i> , 2020, 703, 134875	10.2	6
52	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	7.5	6
51	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	7.9	6
50	Reliability of functional forms for calculation of longitudinal dispersion coefficient in rivers. <i>Science of the Total Environment</i> , 2021, 791, 148394	10.2	6
49	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	2.8	5
48	Scheduling by NSGA-II: Review and Bibliometric Analysis. <i>Processes</i> , 2022, 10, 98	2.9	5
47	Risk-based Stochastic Optimization of Evaporation Ponds as a Cost-Effective and Environmentally-Friendly Solution for the Disposal of Oil-Produced Water. <i>Journal of Water Process Engineering</i> , 2020, 38, 101607	6.7	5
46	Hydraulic optimization of corrugated stilling basin with adverse slope. <i>Water Science and Technology: Water Supply</i> , 2019, 19, 313-322	1.4	5
45	Optimal joint deployment of flow and pressure sensors for leak identification in water distribution networks. <i>Urban Water Journal</i> , 2018, 15, 837-846	2.3	5
44	A novel dynamic hydrant flushing framework facilitated by categorizing contamination events. <i>Urban Water Journal</i> , 2020, 17, 199-211	2.3	4
43	Sea Level Rise Effect on Groundwater Rise and Stormwater Retention Pond Reliability. <i>Water (Switzerland)</i> , 2020, 12, 1129	3	3
42	Planning for agricultural return flow allocation: application of info-gap decision theory and a nonlinear CVaR-based optimization model. <i>Environmental Science and Pollution Research</i> , 2018, 25, 25115-25123	5.1	3
41	A Multi-objective Simulation Optimization Approach for Design of Cutoff Walls and Apron of Diversion Dams. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2019, 43, 241-252	1.1	3
40	Wave Height Prediction Using Artificial Immune Recognition Systems (AIRS) and Some Other Data Mining Techniques. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2017, 41, 329-344	1.1	3
39	DEVELOPING MULTI-CRITERIA DECISION ANALYSIS AND TAGUCHI METHOD TO OPTIMIZE CIPROFLOXACIN REMOVAL FROM AQUEOUS PHASE. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 1543-1552	0.6	3
38	An emergency multi-objective compromise framework for reservoir operation under suddenly injected pollution. <i>Journal of Hydrology</i> , 2021, 598, 126242	6	3
37	Confined Aquifer Hydraulic Parameters Estimation by a Generalized Regression Neural Network. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2020, 44, 259-269	1.1	3

36	Optimizing chute-flip bucket system based on meta-modelling approach. <i>Canadian Journal of Civil Engineering</i> , 2020 , 47, 584-595	1.3	3
35	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 ^{5.1}	5.1	3
34	Framework for Rigorous Analysis of Moisture-Related Structural Damage in Flexible Pavements. <i>Transportation Research Record</i> , 2019 , 2673, 640-648	1.7	2
33	Optimal estimation of unconfined aquifer parameters in uncertain environment based on fuzzy transformation method. <i>Water Science and Technology: Water Supply</i> , 2019 , 19, 444-450	1.4	2
32	The environmental flows implementation challenge: Insights and recommendations across water-limited systems. <i>Wiley Interdisciplinary Reviews: Water</i> , e1565	5.7	2
31	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. <i>Data in Brief</i> , 2021 , 36, 107082	1.2	2
30	Spatiotemporal Dimensions of Water Stress Accounting: Incorporating Groundwater-Surface Water Interactions and Ecological Thresholds. <i>Environmental Science & Technology</i> , 2019 , 53, 2316-2323	10.3	2
29	A fusion-based neural network methodology for monthly reservoir inflow prediction using MODIS products. <i>Hydrological Sciences Journal</i> , 2018 , 63, 2076-2096	3.5	2
28	Optimal Water Allocation from Subsurface Dams: A Risk-Based Optimization Approach. <i>Water Resources Management</i> , 1	3.7	2
27	Conflict resolution in the multi-stakeholder stepped spillway design under uncertainty by machine learning techniques. <i>Applied Soft Computing Journal</i> , 2021 , 110, 107721	7.5	2
26	A K-Sensor correlation-based evolutionary optimization algorithm to cluster contamination events and place sensors in water distribution systems. <i>Journal of Cleaner Production</i> , 2021 , 319, 128763	10.3	2
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	6	2
24	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	5	2
23	A deep learning image segmentation model for agricultural irrigation system classification. <i>Computers and Electronics in Agriculture</i> , 2022 , 198, 106977	6.5	2
22	Permeable Breakwaters Performance Modeling: A Comparative Study of Machine Learning Techniques. <i>Remote Sensing</i> , 2020 , 12, 1856	5	1
21	Oxygenation of aquifers with fluctuating water table: A laboratory and modeling study. <i>Journal of Hydrology</i> , 2020 , 590, 125261	6	1
20	A new mixed method for nonlinear fuzzy free vibration analysis of nanobeams on nonlinear elastic foundation. <i>JVC/Journal of Vibration and Control</i> , 2018 , 24, 5765-5773	2	1
19	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	4.4	1

18	Monitoring and Management of Land Subsidence Induced by Over-exploitation of Groundwater. <i>Advances in Natural and Technological Hazards Research</i> , 2019 , 271-296	1.8	1
17	Determining hydrogeological parameters of an aquifer in Sirjan Basin using Envisat ASAR interferometry and groundwater modelling. <i>International Journal of Remote Sensing</i> , 2020 , 41, 655-682	3.1	1
16	Selecting the Right Crops for Cropping Pattern Optimization Based on Social Choice and Fallback Bargaining Methods Considering Stakeholders Views. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2021 , 45, 1077-1088	1.1	1
15	A Hybrid Fuzzy-Probabilistic Bargaining Approach for Multi-objective Optimization of Contamination Warning Sensors in Water Distribution Systems. <i>Group Decision and Negotiation</i> , 2021 , 30, 641-663	2.5	1
14	Design of a high-coverage ground-based CO monitoring layout using a novel information theory-based optimization model. <i>Environmental Monitoring and Assessment</i> , 2021 , 193, 150	3.1	1
13	A Stochastic Conflict Resolution Optimization Model for Flood Management in Detention Basins: Application of Fuzzy Graph Model. <i>Water (Switzerland)</i> , 2022 , 14, 774	3	1
12	Progressive improvement of DRASTICA and SI models for groundwater vulnerability assessment based on evolutionary algorithms.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
11	Optimum Operation of Reservoirs in the Karkheh Basin in Iran Considering Impacts of Non-integrated Development and Climate Change. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2019 , 43, 37-47	1.1	0
10	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	6	0
9	Process-constrained statistical modeling of sediment yield. <i>Catena</i> , 2022 , 209, 105794	5.8	0
8	A hybrid statistical decision-making optimization approach for groundwater vulnerability considering uncertainty. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
7	A coupled water allocation simulation optimization model to advance agricultural water management. <i>Arabian Journal of Geosciences</i> , 2022 , 15, 1	1.8	0
6	Vulnerability of a Tunisian Coastal Aquifer to Seawater Intrusion: Insights from the GALDIT Model. <i>Water (Switzerland)</i> , 2022 , 14, 1177	3	0
5	A Review on Interpretable and Explainable Artificial Intelligence in Hydroclimatic Applications. <i>Water (Switzerland)</i> , 2022 , 14, 1230	3	0
4	Stochastic optimization model for determining support system parameters of a subway station. <i>Expert Systems With Applications</i> , 2022 , 117509	7.8	0
3	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 , 127961	6	0
2	Multi-Objective Optimization Application in Water and Environmental Sciences. <i>Studies in Computational Intelligence</i> , 2022 , 63-83	0.8	
1	The Basis of Artificial Neural Network (ANN): Structures, Algorithms and Functions. <i>Studies in Computational Intelligence</i> , 2022 , 225-250	0.8	

