

Hugo A Loiciga

List of Publications by Year in Descending Order

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

145
papers

2,695
citations

27
h-index

45
g-index

153
ext. papers

3,125
ext. citations

3.8
avg, IF

5.75
L-index

#	Paper	IF	Citations
145	Optimal merging of multi-satellite precipitation data in urban areas. <i>Theoretical and Applied Climatology</i> , 2022 , 147, 1697-1712	3	2
144	The Effect of Climate Change on Water Resources. <i>Springer Water</i> , 2022 , 95-118	0.3	
143	Optimal virtual water flows for improved food security in water-scarce countries. <i>Scientific Reports</i> , 2021 , 11, 21027	4.9	1
142	Environmental sustainability: a review of the water-energy-food nexus 2021 , 70, 138-154		2
141	Forensic engineering analysis applied to flood control. <i>Journal of Hydrology</i> , 2021 , 594, 125961	6	2
140	Optimizing urban stormwater control strategies and assessing aquifer recharge through drywells in an urban watershed. <i>Hydrogeology Journal</i> , 2021 , 29, 1379-1398	3.1	2
139	Setting the Flow Accumulation Threshold Based on Environmental and Morphologic Features to Extract River Networks from Digital Elevation Models. <i>ISPRS International Journal of Geo-Information</i> , 2021 , 10, 186	2.9	3
138	Modeling adaptation policies to increase the synergies of the water-climate-agriculture nexus under climate change. <i>Environmental Development</i> , 2021 , 37, 100612	4.1	8
137	Intense extreme hydro-climatic events take a toll on society. <i>Natural Hazards</i> , 2021 , 108, 2385-2391	3	2
136	Adaptive Determination of the Flow Accumulation Threshold for Extracting Drainage Networks from DEMs. <i>Remote Sensing</i> , 2021 , 13, 2024	5	2
135	Bee-inspired metaheuristics for global optimization: a performance comparison. <i>Artificial Intelligence Review</i> , 2021 , 54, 4967-4996	9.7	2
134	A state-of-the-art review of water diplomacy. <i>Environment, Development and Sustainability</i> , 2021 , 23, 2337-2357	4.5	2
133	Dryland farming improvement by considering the relation between rainfall variability and crop yield. <i>Environment, Development and Sustainability</i> , 2021 , 23, 5316-5327	4.5	1
132	Comparison of methods for estimating loss from water storage by evaporation and impacts on reservoir management. <i>Water and Environment Journal</i> , 2021 , 35, 218-228	1.7	2
131	Application of bi-objective genetic programming for optimizing irrigation rules using two reservoir performance criteria. <i>International Journal of River Basin Management</i> , 2021 , 19, 55-65	1.7	3
130	Fulfillment of river environmental flow: applying Nash theory for quantitative-qualitative conflict resolution in reservoir operation. <i>Water and Environment Journal</i> , 2021 , 35, 486-499	1.7	2
129	A review of applications of animal-inspired evolutionary algorithms in reservoir operation modelling. <i>Water and Environment Journal</i> , 2021 , 35, 628-646	1.7	12

128	Long-term groundwater level changes and land subsidence in Tianjin, China. <i>Acta Geotechnica</i> , 2021 , 16, 1303-1314	4.9	5
127	Multi-criteria Decision-making Approach for Environmental Impact Assessment to Reduce the Adverse Effects Of Dams. <i>Water Resources Management</i> , 2021 , 35, 4085	3.7	2
126	Application of the Grasshopper Optimization Algorithm (GOA) to the Optimal Operation of Hydropower Reservoir Systems Under Climate Change. <i>Water Resources Management</i> , 2021 , 35, 4325	3.7	0
125	Simulation-Optimization of Reservoir Water Quality under Climate Change. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021 , 147, 04021054	2.8	3
124	Long short-term memory neural network (LSTM-NN) for aquifer level time series forecasting using in-situ piezometric observations. <i>Journal of Hydrology</i> , 2021 , 601, 126800	6	12
123	System dynamics applied to water management in lakes*. <i>Irrigation and Drainage</i> , 2020 , 69, 956-966	1.1	3
122	Semi-empirical prediction method for monthly precipitation prediction based on environmental factors and comparison with stochastic and machine learning models. <i>Hydrological Sciences Journal</i> , 2020 , 65, 1928-1942	3.5	5
121	Integrated virtual water trade management considering self-sufficient production of strategic agricultural and industrial products. <i>Science of the Total Environment</i> , 2020 , 743, 140797	10.2	6
120	Application of particle swarm optimization to water management: an introduction and overview. <i>Environmental Monitoring and Assessment</i> , 2020 , 192, 281	3.1	21
119	Spatial and Temporal Downscaling of TRMM Precipitation with Novel Algorithms. <i>Journal of Hydrometeorology</i> , 2020 , 21, 1259-1278	3.7	9
118	Seepage Face in Steady-State Groundwater Flow between Two Water Bodies. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020 , 25, 06020005	1.8	1
117	Reliability-Based Multi-Objective Optimization of Groundwater Remediation. <i>Water Resources Management</i> , 2020 , 34, 3079-3097	3.7	2
116	Evaluation of River Water Transfer Alternatives with the TODIM Multi-Criteria Decision Making Method. <i>Water Resources Management</i> , 2020 , 34, 4847-4863	3.7	6
115	Regional Precipitation Model Based on Geographically and Temporally Weighted Regression Kriging. <i>Remote Sensing</i> , 2020 , 12, 2547	5	2
114	Comparison of methods to calculate evaporation from reservoirs. <i>International Journal of River Basin Management</i> , 2020 , 18, 1-12	1.7	3
113	Independent variable selection for regression modeling of the flow duration curve for ungauged basins in the United States. <i>Journal of Hydrology</i> , 2020 , 587, 124975	6	6
112	Optimization model for integrated river basin management with the hybrid WOAPSO algorithm. <i>Journal of Hydro-Environment Research</i> , 2019 , 25, 61-74	2.3	6
111	Evaluation of the VIKOR and FOWA Multi-Criteria Decision Making Methods for Climate-Change Adaptation of Agricultural Water Supply. <i>Water Resources Management</i> , 2019 , 33, 2867-2884	3.7	17

110	Generalized Storage Equations for Flood Routing with Nonlinear Muskingum Models. <i>Water Resources Management</i> , 2019 , 33, 2677-2691	3.7	9
109	Optimizing stormwater low-impact development strategies in an urban watershed considering sensitivity and uncertainty. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 340	3.1	15
108	Green Stormwater Infrastructure (GSI) for Stormwater Management in the City of Los Angeles: Avalon Green Alleys Network. <i>Environmental Processes</i> , 2019 , 6, 265-281	2.8	4
107	A new framework for the optimal management of urban runoff with low-impact development stormwater control measures considering service-performance reduction. <i>Journal of Hydroinformatics</i> , 2019 , 21, 727-744	2.6	16
106	Assessment of potential of intraregional conflicts by developing a transferability index for inter-basin water transfers, and their impacts on the water resources. <i>Environmental Monitoring and Assessment</i> , 2019 , 192, 40	3.1	4
105	Water Security and Sustainability: Global Threats and Conflicts 2019 , 1-6		
104	Minimal adverse impact of discharging polluted effluents to rivers with selective locations. <i>Sustainable Cities and Society</i> , 2019 , 46, 101394	10.1	7
103	Reservoir Water-Quality Projections under Climate-Change Conditions. <i>Water Resources Management</i> , 2019 , 33, 401-421	3.7	29
102	Closure to Multiobjective Reservoir Operation for Water Quality Optimization by Masoud Amirkhani, Omid Bozorg-Haddad, Elahe Fallah-Mehdipour, and Hugo A. Loziga. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2018 , 144, 07018024	1.1	
101	Infiltration on sloping terrain and its role on runoff generation and slope stability. <i>Journal of Hydrology</i> , 2018 , 561, 584-597	6	6
100	Stormwater Control Measures for Runoff and Water Quality Management in Urban Landscapes. <i>Journal of the American Water Resources Association</i> , 2018 , 54, 124-133	2.1	10
99	Development and application of the anarchic society algorithm (ASO) to the optimal operation of water distribution networks. <i>Water Science and Technology: Water Supply</i> , 2018 , 18, 318-332	1.4	5
98	Real-time water allocation policies calculated with bankruptcy games and genetic programming. <i>Water Science and Technology: Water Supply</i> , 2018 , 18, 430-449	1.4	8
97	Optimization of Run-of-River Hydropower Plant Design under Climate Change Conditions. <i>Water Resources Management</i> , 2018 , 32, 3919-3934	3.7	15
96	Stiffness and sensitivity criteria and their application to water resources assessment. <i>Journal of Hydro-Environment Research</i> , 2018 , 20, 93-100	2.3	3
95	Calculation of multi-objective optimal tradeoffs between environmental flows and hydropower generation. <i>Environmental Earth Sciences</i> , 2018 , 77, 1	2.9	9
94	Real-time detection of organic contamination events in water distribution systems by principal components analysis of ultraviolet spectral data. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 12882-12898	5.1	4
93	Optimized cropping patterns under climate-change conditions. <i>Climatic Change</i> , 2017 , 143, 429-443	4.5	5

92	Extended multi-objective firefly algorithm for hydropower energy generation. <i>Journal of Hydroinformatics</i> , 2017 , 19, 734-751	2.6	9
91	Optimal operation of reservoir systems with the symbiotic organisms search (SOS) algorithm. <i>Journal of Hydroinformatics</i> , 2017 , 19, 507-521	2.6	11
90	The Enhanced Honey-Bee Mating Optimization Algorithm for Water Resources Optimization. <i>Water Resources Management</i> , 2017 , 31, 885-901	3.7	18
89	Multi-Criteria Environmental Impact Assessment of Alternative Irrigation Networks with an Adopted Matrix-Based Method. <i>Water Resources Management</i> , 2017 , 31, 903-928	3.7	5
88	Coupled Infiltration and Kinematic-Wave Runoff Simulation in Slopes: Implications for Slope Stability. <i>Water (Switzerland)</i> , 2017 , 9, 327	3	6
87	Optimal design of groundwater-level monitoring networks. <i>Journal of Hydroinformatics</i> , 2017 , 19, 920-929	2.6	14
86	Logical Genetic Programming (LGP) Development for Irrigation Water Supply Hedging Under Climate Change Conditions. <i>Irrigation and Drainage</i> , 2017 , 66, 530-541	1.1	14
85	Evaluating the risk of phosphorus loss with a distributed watershed model featuring zero-order mobilization and first-order delivery. <i>Science of the Total Environment</i> , 2017 , 609, 563-576	10.2	6
84	Investigation of Climatic Variability with Hybrid Statistical Analysis. <i>Water Resources Management</i> , 2017 , 31, 341-353	3.7	1
83	The Safe Yield and Climatic Variability: Implications for Groundwater Management. <i>Ground Water</i> , 2017 , 55, 334-345	2.4	13
82	Development of Adaptive Strategies for Irrigation Water Demand Management under Climate Change. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2017 , 143, 04016077	1.1	24
81	Temporal variations of groundwater quality in the Western Jiangnan Plain, China. <i>Science of the Total Environment</i> , 2017 , 578, 542-550	10.2	36
80	Determination of the Optimal Level of Water Releases from a Reservoir to Control Water Quality. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2016 , 20, 04015017	2.3	8
79	Biogeography-Based Optimization Algorithm for Optimal Operation of Reservoir Systems. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016 , 142, 04015034	2.8	49
78	Estimation of farmers' willingness to pay for water in the agricultural sector. <i>Agricultural Water Management</i> , 2016 , 177, 284-290	5.9	11
77	Application of the gravity search algorithm to multi-reservoir operation optimization. <i>Advances in Water Resources</i> , 2016 , 98, 173-185	4.7	45
76	Application of the Firefly Algorithm to Optimal Operation of Reservoirs with the Purpose of Irrigation Supply and Hydropower Production. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016 , 142, 04016041	1.1	50
75	Weed Optimization Algorithm for Optimal Reservoir Operation. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2016 , 142, 04015055	1.1	53

74	New Developments in Slope Stability Analysis with Variable Groundwater Conditions and Earthquake Loading 2016 ,		1
73	A self-tuning ANN model for simulation and forecasting of surface flows. <i>Water Resources Management</i> , 2016 , 30, 2907-2929	3.7	24
72	Modified Firefly Algorithm for Solving Multireservoir Operation in Continuous and Discrete Domains. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2016 , 142, 04016029	2.8	40
71	A Re-Parameterized and Improved Nonlinear Muskingum Model for Flood Routing. <i>Water Resources Management</i> , 2015 , 29, 3419-3440	3.7	24
70	Groundwater and earthquakes: Screening analysis for slope stability. <i>Engineering Geology</i> , 2015 , 193, 276-287	6	12
69	Opportunities and challenges of interbasin water transfers: a literature review with bibliometric analysis. <i>Scientometrics</i> , 2015 , 105, 279-294	3	29
68	Hydropower Reservoir Management Under Climate Change: The Karoon Reservoir System. <i>Water Resources Management</i> , 2015 , 29, 749-770	3.7	60
67	Adaptive Reservoir Operation Rules Under Climatic Change. <i>Water Resources Management</i> , 2015 , 29, 1247-1266	3.7	70
66	Managing Municipal Water Supply and Use in Water-Starved Regions: Looking Ahead. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015 , 141, 01814003	2.8	13
65	Stormwater Control Measures: Optimization Methods for Sizing and Selection. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2015 , 141, 04015006	2.8	22
64	Development of Real-Time Conjunctive Use Operation Rules for Aquifer-Reservoir Systems. <i>Water Resources Management</i> , 2015 , 29, 1887-1906	3.7	4
63	A DPSIR model for ecological security assessment through indicator screening: a case study at Dianchi Lake in China. <i>PLoS ONE</i> , 2015 , 10, e0131732	3.7	17
62	Twenty years of global groundwater research: A Science Citation Index Expanded-based bibliometric survey (1993-2012). <i>Journal of Hydrology</i> , 2014 , 519, 966-975	6	46
61	Sea-level rise and flooding in coastal riverine flood plains. <i>Hydrological Sciences Journal</i> , 2014 , 59, 204-220	5.5	16
60	A real-time, dynamic early-warning model based on uncertainty analysis and risk assessment for sudden water pollution accidents. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 8878-92	5.1	22
59	An early warning and control system for urban, drinking water quality protection: China's experience. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 4496-508	5.1	42
58	Consolidation Settlement in Aquifers Caused by Pumping. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013 , 139, 1191-1204	3.4	21
57	Sea water intrusion by sea-level rise: scenarios for the 21st century. <i>Ground Water</i> , 2012 , 50, 37-47	2.4	55

56	Special Section: Applications of Hydrologic Tracers. <i>Journal of Hydrologic Engineering - ASCE</i> , 2008 , 13, 999-1001	1.8	2
55	Aquifer storage capacity and maximum annual yield from long-term aquifer fluxes. <i>Hydrogeology Journal</i> , 2008 , 16, 399-403	3.1	8
54	Ponding Analysis with Green-and-Ampt Infiltration. <i>Journal of Hydrologic Engineering - ASCE</i> , 2007 , 12, 109-112	1.8	19
53	Approach to Control the Depth of Water in Basin Irrigation and Wetland Flooding. <i>Journal of Irrigation and Drainage Engineering - ASCE</i> , 2007 , 133, 500-504	1.1	1
52	Probability Density Functions in the Analysis of Hydraulic Conductivity Data. <i>Journal of Hydrologic Engineering - ASCE</i> , 2006 , 11, 442-450	1.8	12
51	Radially convergent groundwater flow in sloping terrain. <i>Hydrological Sciences Journal</i> , 2006 , 51, 700-713.5	1.5	1
50	Distributed hydrological modelling in California semi-arid shrublands: MIKE SHE model calibration and uncertainty estimation. <i>Journal of Hydrology</i> , 2006 , 317, 307-324	6	114
49	Steady state phreatic surfaces in sloping aquifers. <i>Water Resources Research</i> , 2005 , 41,	5.4	10
48	Correlated gamma variables in the analysis of microbial densities in water. <i>Advances in Water Resources</i> , 2005 , 28, 329-335	4.7	22
47	DROUGHT, TREE RINGS, AND RESERVOIR DESIGN. <i>Journal of the American Water Resources Association</i> , 2005 , 41, 949-958	2.1	2
46	Residence time, groundwater age, and solute output in steady-state groundwater systems. <i>Advances in Water Resources</i> , 2004 , 27, 681-688	4.7	15
45	Analytic game-theoretic approach to ground-water extraction. <i>Journal of Hydrology</i> , 2004 , 297, 22-33	6	59
44	Climate Change and Ground Water. <i>Annals of the American Association of Geographers</i> , 2003 , 93, 30-41		78
43	Sustainable Ground-Water Exploitation. <i>International Geology Review</i> , 2002 , 44, 1115-1121	2.3	20
42	Reservoir Design and Operation with Variable Lake Hydrology. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2002 , 128, 399-405	2.8	17
41	Theory of sustainable groundwater management: an urban case study. <i>Urban Water</i> , 2001 , 3, 217-228		23
40	Aquifer Management with Logistic Recharge. <i>Water International</i> , 2001 , 26, 358-369	2.4	2
39	Conjunctive Vadose and Saturated Zone Monitoring for Subsurface Contamination. <i>Environmental Monitoring and Assessment</i> , 1999 , 59, 15-29	3.1	4

38	Spatial analysis of vertical leakage in overdrafted aquifers: The Hueco bolson aquifer, Texas, 1956-1995. <i>Applied Geographic Studies</i> , 1999 , 3, 63-76		
37	Runoff Scaling in Large Rivers of the World. <i>Professional Geographer</i> , 1997 , 49, 356-364	1.7	7
36	MUNICIPAL WATER USE AND WATER RATES DRIVEN BY SEVERE DROUGHT: A CASE STUDY1. <i>Journal of the American Water Resources Association</i> , 1997 , 33, 1313-1326	2.1	25
35	Global warming and the hydrologic cycle. <i>Journal of Hydrology</i> , 1996 , 174, 83-127	6	193
34	1-, 2-, and 3-dimensional effective conductivity of aquifers. <i>Mathematical Geosciences</i> , 1996 , 28, 563-584		3
33	Sampling Design for Contaminant Distribution in Lake Sediments. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1995 , 121, 71-79	2.8	10
32	Regional-scale ground water quality monitoring via integer programming. <i>Journal of Hydrology</i> , 1995 , 164, 153-170	6	34
31	Multivariate Geostatistical Design of Ground-Water Monitoring Networks. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1994 , 120, 505-522	2.8	22
30	Groundwater fluxes in the global hydrologic cycle: past, present and future. <i>Journal of Hydrology</i> , 1993 , 144, 405-427	6	189
29	Implementation of GIS for Water Resources Planning and Management. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1993 , 119, 184-205	2.8	23
28	Fluid-pressure induced seismicity at regional scales. <i>Geophysical Research Letters</i> , 1993 , 20, 1683-1686	4.9	11
27	dendrohydrology and long-term hydrologic phenomena. <i>Reviews of Geophysics</i> , 1993 , 31, 151-171	23.1	78
26	An optimization method for monitoring network design in multilayered groundwater flow systems. <i>Water Resources Research</i> , 1993 , 29, 2835-2845	5.4	41
25	APPLICATION OF GEOGRAPHIC INFORMATION SYSTEMS TO GROUNDWATER MONITORING NETWORK DESIGN1. <i>Journal of the American Water Resources Association</i> , 1993 , 29, 383-390	2.1	12
24	Closure to Recurrence Interval of Geophysical Events by Hugo A. Loaiciga and Miguel A. Marino (May/June, 1991, Vol. 117, No. 3). <i>Journal of Water Resources Planning and Management - ASCE</i> , 1992 , 118, 472-474	2.8	
23	A location modeling approach for groundwater monitoring network augmentation. <i>Water Resources Research</i> , 1992 , 28, 643-649	5.4	46
22	Droughts in river basins of the western United States. <i>Geophysical Research Letters</i> , 1992 , 19, 2051-2054	4.9	18
21	TRUNCATED DISTRIBUTIONS IN HYDROLOGIC ANALYSIS1. <i>Journal of the American Water Resources Association</i> , 1992 , 28, 853-863	2.1	11

20	Recurrence Interval of Geophysical Events. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1991 , 117, 367-382	2.8	33
19	Mass Transport Modeling in Contaminated Buried-Valley Aquifer. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1991 , 117, 260-272	2.8	8
18	LINEAR PROGRAMS FOR NONLINEAR HYDROLOGIC ESTIMATION ¹ . <i>Journal of the American Water Resources Association</i> , 1990 , 26, 645-656	2.1	5
17	Error Analysis and Stochastic Differentiability in Subsurface Flow Modeling. <i>Water Resources Research</i> , 1990 , 26, 2897-2902	5.4	10
16	Correlated Versus Uncorrelated Hydrologic Samples. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1989 , 115, 699-705	2.8	2
15	An optimization approach for groundwater quality monitoring network design. <i>Water Resources Research</i> , 1989 , 25, 1771-1782	5.4	106
14	Comment on A natural gradient experiment on solute transport in a sand aquifer: 2. Spatial moments and the advection and dispersion of nonreactive tracers by D. L. Freyberg. <i>Water Resources Research</i> , 1988 , 24, 1221-1222	5.4	6
13	On the use of change constraints in reservoir design and operation modeling. <i>Water Resources Research</i> , 1988 , 24, 1969-1975	5.4	14
12	Fitting Minima of Flows Via Maximum Likelihood. <i>Journal of Water Resources Planning and Management - ASCE</i> , 1988 , 114, 78-90	2.8	9
11	The inverse problem for confined aquifer flow: Identification and estimation with extensions. <i>Water Resources Research</i> , 1987 , 23, 92-104	5.4	31
10	Comments on Comparison of Gaussian conditional mean and kriging estimation in the geostatistical solution of the inverse problem by R. J. Hoeksema and P. K. Kitanidis. <i>Water Resources Research</i> , 1987 , 23, 973-974	5.4	2
9	Parameter estimation in groundwater: Classical, Bayesian, and deterministic assumptions and their impact on management policies. <i>Water Resources Research</i> , 1987 , 23, 1027-1035	5.4	19
8	Comment on Evaluation of a Reliability programming Reservoir model by J. B. Strycharczyk and J. R. Stedinger. <i>Water Resources Research</i> , 1987 , 23, 1797-1799	5.4	1
7	SIMULTANEOUS EQUATION SYSTEMS: A CONSISTENT ESTIMATOR FOR UNKNOWN PARAMETERS IN CONFINED AQUIFERS ¹ . <i>Journal of the American Water Resources Association</i> , 1987 , 23, 541-554	2.1	2
6	Risk Analysis for Reservoir Operation. <i>Water Resources Research</i> , 1986 , 22, 483-488	5.4	22
5	Dynamic model for multireservoir operation. <i>Water Resources Research</i> , 1985 , 21, 619-630	5.4	40
4	Quadratic model for reservoir management: Application to the Central Valley Project. <i>Water Resources Research</i> , 1985 , 21, 631-641	5.4	33
3	An Approach to Parameter Estimation and Stochastic Control in Water Resources With an Application to Reservoir Operation. <i>Water Resources Research</i> , 1985 , 21, 1575-1584	5.4	22

2	Use of surface water and groundwater under climate change: Khorramabad basin, Iran. <i>Water Management</i> ,1-13	1	1
1	Ranking of wastewater reuse allocation alternatives using a variance-based weighted aggregated sum product assessment method. <i>Environment, Development and Sustainability</i> ,1	4.5	0