

Mukand Babel

List of Publications by Year in descending order

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150
papers

5,611
citations

66343

42
h-index

98798

67
g-index

153
all docs

153
docs citations

153
times ranked

5481
citing authors

#	ARTICLE	IF	CITATIONS
1	An artificial neural network model for rainfall forecasting in Bangkok, Thailand. Hydrology and Earth System Sciences, 2009, 13, 1413-1425.	4.9	262
2	Drought Analysis in the Awash River Basin, Ethiopia. Water Resources Management, 2010, 24, 1441-1460.	3.9	260
3	Hydro-meteorological trends in the upper Indus River basin in Pakistan. Climate Research, 2011, 46, 103-119.	1.1	205
4	Delineation of groundwater potential zones in the Comoro watershed, Timor Leste using GIS, remote sensing and analytic hierarchy process (AHP) technique. Applied Water Science, 2017, 7, 503-519.	5.6	193
5	Spatial disaggregation of bias-corrected GCM precipitation for improved hydrologic simulation: Ping River Basin, Thailand. Hydrology and Earth System Sciences, 2007, 11, 1373-1390.	4.9	173
6	Evaluation of SDSM developed by annual and monthly sub-models for downscaling temperature and precipitation in the Jhelum basin, Pakistan and India. Theoretical and Applied Climatology, 2013, 113, 27-44.	2.8	167
7	Impact of climate change on sediment yield in the Mekong River basin: a case study of the Nam Ou basin, Lao PDR. Hydrology and Earth System Sciences, 2013, 17, 1-20.	4.9	156
8	Water requirement of drip irrigated tomatoes grown in greenhouse in tropical environment. Agricultural Water Management, 2005, 71, 225-242.	5.6	146
9	Evaluation of food risk parameters in the Day River Flood Diversion Area, Red River Delta, Vietnam. Natural Hazards, 2011, 56, 169-194.	3.4	134
10	A Model for Optimal Allocation of Water to Competing Demands. Water Resources Management, 2005, 19, 693-712.	3.9	119
11	Climate change impact on glacier and snow melt and runoff in Tamakoshi basin in the Hindu Kush Himalayan (HKH) region. Journal of Hydrology, 2014, 511, 49-60.	5.4	114
12	Hydrologic monitoring and analysis in the Sundarbans mangrove ecosystem, Bangladesh. Journal of Hydrology, 2007, 332, 381-395.	5.4	91
13	A multivariate econometric approach for domestic water demand modeling: An application to Kathmandu, Nepal. Water Resources Management, 2007, 21, 573-589.	3.9	91
14	Climate change impacts on irrigation water requirement, crop water productivity and rice yield in the Songkhram River Basin, Thailand. Journal of Cleaner Production, 2018, 198, 1157-1164.	9.3	90
15	Evaluation of climate change impacts and adaptation measures for rice cultivation in Northeast Thailand. Climate Research, 2011, 46, 137-146.	1.1	88
16	Non-deposition design criteria for sewers with part-full flow. Urban Water Journal, 2010, 7, 61-77.	2.1	84
17	Evaluation of climate change impacts and adaptation strategies on rainfed rice production in Songkhram River Basin, Thailand. Science of the Total Environment, 2019, 652, 189-201.	8.0	83
18	Quantifying the impact of climate change on crop yield and water footprint of rice in the Nam Oon Irrigation Project, Thailand. Science of the Total Environment, 2017, 599-600, 689-699.	8.0	74

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19	Analysis of future precipitation in the Koshi river basin, Nepal. Journal of Hydrology, 2014, 513, 422-434.	5.4	73
20	Optimal allocation of bulk water supplies to competing use sectors based on economic criterion “ An application to the Chao Phraya River Basin, Thailand. Journal of Hydrology, 2011, 401, 22-35.	5.4	71
21	Future changes in extreme temperature events using the statistical downscaling model (SDSM) in the trans-boundary region of the Jhelum river basin. Weather and Climate Extremes, 2014, 5-6, 56-66.	4.1	71
22	Identifying Prominent Explanatory Variables for Water Demand Prediction Using Artificial Neural Networks: A Case Study of Bangkok. Water Resources Management, 2011, 25, 1653-1676.	3.9	68
23	Climate risks and adaptation strategies in the Lower Mekong River basin. Regional Environmental Change, 2014, 14, 207-219.	2.9	68
24	Quantifying the sources of uncertainty in an ensemble of hydrological climate-impact projections. Theoretical and Applied Climatology, 2019, 135, 193-209.	2.8	67
25	Potential Impacts of Climate Change on Water Resources in the Kunhar River Basin, Pakistan. Water (Switzerland), 2016, 8, 23.	2.7	63
26	A framework to assess adaptive capacity of the water resources system in Nepalese river basins. Ecological Indicators, 2011, 11, 480-488.	6.3	62
27	Climate trends and impacts on crop production in the Koshi River basin of Nepal. Regional Environmental Change, 2014, 14, 1291-1301.	2.9	62
28	Evaluation of annualized agricultural nonpoint source model for a watershed in the Siwalik Hills of Nepal. Environmental Modelling and Software, 2006, 21, 961-975.	4.5	58
29	Hydrological impact of biofuel production: A case study of the Khlong Phlo Watershed in Thailand. Agricultural Water Management, 2011, 101, 8-26.	5.6	58
30	Hydrological modeling of the Mun River basin in Thailand. Journal of Hydrology, 2012, 452-453, 232-246.	5.4	57
31	Analysis of climatic variability and snow cover in the Kaligandaki River Basin, Himalaya, Nepal. Theoretical and Applied Climatology, 2014, 116, 681-694.	2.8	57
32	Impact of Climate Change on River Flow and Hydropower Production in Kulekhani Hydropower Project of Nepal. Environmental Processes, 2014, 1, 231-250.	3.5	57
33	Operation of a hydropower system considering environmental flow requirements: A case study in La Nga river basin, Vietnam. Journal of Hydro-Environment Research, 2012, 6, 63-73.	2.2	55
34	Modelling the potential impacts of climate change on hydrology and water resources in the Indrawati River Basin, Nepal. Environmental Earth Sciences, 2016, 75, 1.	2.7	55
35	Simulating the Impact of Future Land Use and Climate Change on Soil Erosion and Deposition in the Mae Nam Nan Sub-Catchment, Thailand. Sustainability, 2013, 5, 3244-3274.	3.2	54
36	Trends in extreme rainfall and temperature indices in the western Thailand. International Journal of Climatology, 2014, 34, 2393-2407.	3.5	53

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37	Evolutionary and Holistic Assessment of Green-Grey Infrastructure for CSO Reduction. Water (Switzerland), 2016, 8, 402.	2.7	51
38	Climate change and water resources in the Bagmati River Basin, Nepal. Theoretical and Applied Climatology, 2014, 115, 639-654.	2.8	49
39	Community responses to flood early warning system: Case study in Kajjuri Union, Bangladesh. International Journal of Disaster Risk Reduction, 2015, 14, 323-331.	3.9	48
40	Forecasting climate change impacts and evaluation of adaptation options for maize cropping in the hilly terrain of Himalayas: Sikkim, India. Theoretical and Applied Climatology, 2015, 121, 649-667.	2.8	48
41	Developing Intensityâ€Durationâ€Frequency (IDF) Curves under Climate Change Uncertainty: The Case of Bangkok, Thailand. Water (Switzerland), 2017, 9, 145.	2.7	47
42	Measuring water security: A vital step for climate change adaptation. Environmental Research, 2020, 185, 109400.	7.5	46
43	Assessment of temporal and spatial changes of future climate in the Jhelum river basin, Pakistan and India. Weather and Climate Extremes, 2015, 10, 40-55.	4.1	43
44	Multi-GCMs approach for assessing climate change impact on water resources in Thailand. Modeling Earth Systems and Environment, 2018, 4, 825-839.	3.4	43
45	Assessment of Climate Change Impact on Reservoir Inflows Using Multi Climate-Models under RCPsâ€The Case of Mangla Dam in Pakistan. Water (Switzerland), 2016, 8, 389.	2.7	42
46	Indicator-Based Approach for Assessing the Vulnerability of Freshwater Resources in the Bagmati River Basin, Nepal. Environmental Management, 2011, 48, 1044-1059.	2.7	40
47	Development of a Generic Domestic Water Security Index, and Its Application in Addis Ababa, Ethiopia. Water (Switzerland), 2019, 11, 37.	2.7	39
48	Impact of Climate Change on Water Resources of the Bheri River Basin, Nepal. Water (Switzerland), 2018, 10, 220.	2.7	38
49	Performance Evaluation of AquaCrop and DSSAT-CERES for Maize Under Different Irrigation and Manure Application Rates in the Himalayan Region of India. Agricultural Research, 2019, 8, 207-217.	1.7	37
50	The assessment of spatial and temporal transferability of a physically based distributed hydrological model parameters in different physiographic regions of Nepal. Journal of Hydrology, 2007, 347, 153-172.	5.4	36
51	Principal Component and Multiple Regression Analyses for the Estimation of Suspended Sediment Yield in Ungauged Basins of Northern Thailand. Water (Switzerland), 2014, 6, 2412-2435.	2.7	36
52	Assessment of risks due to climate change for the Upper Tamakoshi Hydropower Project in Nepal. Climate Risk Management, 2016, 14, 27-41.	3.2	36
53	Land use impact on the water quality of large tropical river: Mun River Basin, Thailand. Environmental Monitoring and Assessment, 2019, 191, 614.	2.7	36
54	Simulation of infiltration from porous clay pipe in subsurface irrigation. Hydrological Sciences Journal, 2002, 47, 253-268.	2.6	34

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55	Vulnerability of freshwater resources in large and medium Nepalese river basins to environmental change. <i>Water Science and Technology</i> , 2010, 61, 1525-1534.	2.5	33
56	Catchment scale modelling of point source and non-point source pollution loads using pollutant export coefficients determined from long-term in-stream monitoring data. <i>Journal of Hydro-Environment Research</i> , 2008, 2, 134-147.	2.2	32
57	Analysis of temperature projections in the Koshi River Basin, Nepal. <i>International Journal of Climatology</i> , 2016, 36, 266-279.	3.5	32
58	An evaluation of <scp>CMIP5</scp> and <scp>CMIP6</scp> climate models in simulating summer rainfall in the Southeast Asian monsoon domain. <i>International Journal of Climatology</i> , 2022, 42, 1181-1202.	3.5	32
59	Sediment related impacts of climate change and reservoir development in the Lower Mekong River Basin: a case study of the Nam Ou Basin, Lao PDR. <i>Climatic Change</i> , 2018, 149, 13-27.	3.6	31
60	Evaluation of climate change impacts and adaptation measures for maize cultivation in the western Uganda agro-ecological zone. <i>Theoretical and Applied Climatology</i> , 2015, 119, 239-254.	2.8	30
61	Application of downscaled precipitation for hydrological climate-change impact assessment in the upper Ping River Basin of Thailand. <i>Climate Dynamics</i> , 2013, 41, 2589-2602.	3.8	28
62	Effects of different precipitation inputs on streamflow simulation in the Irrawaddy River Basin, Myanmar. <i>Journal of Hydrology: Regional Studies</i> , 2018, 19, 265-278.	2.4	28
63	Reservoir Optimization-Simulation with a Sediment Evacuation Model to Minimize Irrigation Deficits. <i>Water Resources Management</i> , 2012, 26, 3173-3193.	3.9	27
64	Assessment of climate change impact on water diversion strategies of Melamchi Water Supply Project in Nepal. <i>Theoretical and Applied Climatology</i> , 2017, 128, 311-323.	2.8	27
65	Challenges for Sustainable Management of Groundwater Use in Bangkok, Thailand. <i>International Journal of Water Resources Development</i> , 2005, 21, 453-464.	2.0	26
66	Evaluation of the Effectiveness of Water Management Policies in Bangladesh. <i>International Journal of Water Resources Development</i> , 2011, 27, 401-417.	2.0	26
67	Prediction of Rainfall-Runoff in an Ungauged Basin: Case Study in the Mountainous Region of Northern Thailand. <i>Journal of Hydrologic Engineering - ASCE</i> , 2013, 18, 285-296.	1.9	26
68	Incorporating Future Climatic and Socioeconomic Variables in Water Demand Forecasting: A Case Study in Bangkok. <i>Water Resources Management</i> , 2014, 28, 2049-2062.	3.9	26
69	Urban water security: A comparative assessment and policy analysis of five cities in diverse developing countries of Asia. <i>Environmental Development</i> , 2022, 43, 100713.	4.1	26
70	Improved Reservoir Operation Using Hybrid Genetic Algorithm and Neurofuzzy Computing. <i>Water Resources Management</i> , 2009, 23, 697-720.	3.9	25
71	Institutional development for IWRM: an international perspective. <i>International Journal of River Basin Management</i> , 2010, 8, 215-224.	2.7	25
72	Using the mutual information technique to select explanatory variables in artificial neural networks for rainfall forecasting. <i>Meteorological Applications</i> , 2015, 22, 610-616.	2.1	25

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73	Application of ANN-Based Streamflow Forecasting Model for Agricultural Water Management in the Awash River Basin, Ethiopia. <i>Water Resources Management</i> , 2011, 25, 1759-1773.	3.9	24
74	Evaluation of climate change impacts and adaptation strategies for maize cultivation in the Himalayan foothills of India. <i>Journal of Water and Climate Change</i> , 2015, 6, 596-614.	2.9	24
75	Assessment of the impact of climate change and mining activities on streamflow and selected metal's loading in the Chindwin River, Myanmar. <i>Environmental Research</i> , 2020, 181, 108942.	7.5	24
76	Development of a window correlation matching method for improved radar rainfall estimation. <i>Hydrology and Earth System Sciences</i> , 2007, 11, 1361-1372.	4.9	23
77	Climate change impact on water balance and hydrological extremes in different physiographic regions of the West Seti River Basin, Nepal. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 79-95.	2.3	21
78	Farmers' Perception of Water Management under Drought Conditions in the Upper Awash Basin, Ethiopia. <i>International Journal of Water Resources Development</i> , 2006, 22, 589-602.	2.0	20
79	Hydroclimate variability and long-lead forecasting of rainfall over Thailand by large-scale atmospheric variables. <i>Hydrological Sciences Journal</i> , 2012, 57, 26-41.	2.6	20
80	Economic Analysis of Leakage in the Bangkok Water Distribution System. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2013, 139, 209-216.	2.6	20
81	Hydrogeochemical and isotopic characterization of groundwater salinization in the Bangkok aquifer system, Thailand. <i>Environmental Earth Sciences</i> , 2013, 68, 749-763.	2.7	19
82	Evaluation of global land use/land cover products for hydrologic simulation in the Upper Yom River Basin, Thailand. <i>Science of the Total Environment</i> , 2020, 708, 135148.	8.0	19
83	Application of hydrological model for assessment of water security using multi-model ensemble of CORDEX-South Asia experiments in a semi-arid river basin of India. <i>Ecological Engineering</i> , 2020, 143, 105641.	3.6	19
84	Fingered preferential flow in unsaturated homogeneous coarse sands. <i>Hydrological Sciences Journal</i> , 1995, 40, 1-17.	2.6	17
85	Evaluation of groundwater-based irrigation systems using a waterâ€“energyâ€“food nexus approach: a case study from Southeast Nepal. <i>Journal of Applied Water Engineering and Research</i> , 2015, 3, 53-66.	1.8	17
86	Effect of soil texture on the emission characteristics of porous clay pipe for subsurface irrigation. <i>Irrigation Science</i> , 2009, 27, 201-208.	2.8	16
87	Evaluation of gridded precipitation datasets for the Kabul Basin, Afghanistan. <i>International Journal of Remote Sensing</i> , 2017, 38, 3317-3332.	2.9	16
88	Multi-objective optimization for improving equity and reliability in intermittent water supply systems. <i>Water Science and Technology: Water Supply</i> , 2020, 20, 1592-1603.	2.1	16
89	Hydrology, management and rising water vulnerability in the Gangesâ€“Brahmaputraâ€“Meghna River basin. <i>Water International</i> , 2011, 36, 340-356.	1.0	15
90	Evaluation of water use sustainability under future climate and irrigation management scenarios in Citarum River Basin, Indonesia. <i>International Journal of Sustainable Development and World Ecology</i> , 2014, 21, 181-194.	5.9	15

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91	An artificial neural network-based snow cover predictive modeling in the higher Himalayas. Journal of Mountain Science, 2014, 11, 825-837.	2.0	15
92	A Cooperative Game Analysis of Transboundary Hydropower Development in the Lower Mekong: Case of the 3S Sub-basins. Water Resources Management, 2014, 28, 3417-3437.	3.9	15
93	Projected changes in the near-future mean climate and extreme climate events in northeast Thailand. International Journal of Climatology, 2022, 42, 2470-2492.	3.5	15
94	Leakage management in a low-pressure water distribution network of Bangkok. Water Science and Technology: Water Supply, 2009, 9, 141-147.	2.1	14
95	Spatial assessment of groundwater use potential for irrigation in Teesta Barrage Project in Bangladesh. Hydrogeology Journal, 2007, 15, 365-382.	2.1	13
96	Analysis of a Nepalese water resources system: stress, adaptive capacity and vulnerability. Water Science and Technology: Water Supply, 2009, 9, 213-222.	2.1	13
97	Changes in summer monsoon rainfall in the Upper Chao Phraya River Basin, Thailand. Climate Research, 2011, 49, 155-168.	1.1	13
98	A multi-temporal analysis of streamflow using multiple CMIP5 GCMs in the Upper Ayerawaddy Basin, Myanmar. Climatic Change, 2019, 155, 59-79.	3.6	13
99	Multivariate and multi-temporal analysis of meteorological drought in the northeast of Thailand. Weather and Climate Extremes, 2021, 34, 100399.	4.1	13
100	Optimization and Reliability Assessment of Water Distribution Networks Incorporating Demand Balancing Tanks. Procedia Engineering, 2014, 70, 4-13.	1.2	12
101	Discharge-based economic valuation of irrigation water: Evidence from the Teesta River, Bangladesh. Irrigation and Drainage, 2011, 60, 481-492.	1.7	11
102	Assessing the vulnerability of infrastructure to climate change on the Islands of Samoa. Natural Hazards and Earth System Sciences, 2015, 15, 1343-1356.	3.6	11
103	Municipal Water Supply Management in Bangkok: Achievements and Lessons. International Journal of Water Resources Development, 2010, 26, 193-217.	2.0	10
104	Assessing hydrological impacts of climate change using bias-corrected downscaled precipitation in Mae Klong basin of Thailand. Meteorological Applications, 2018, 25, 384-393.	2.1	10
105	Comparative study of water and energy use in selected automobile manufacturing industries. Journal of Cleaner Production, 2020, 246, 118970.	9.3	10
106	Evaluating the potential for conserving water and energy in the water supply system of Bangkok. Sustainable Cities and Society, 2021, 69, 102857.	10.4	10
107	Title is missing!. ScienceAsia, 2006, 32, 053.	0.5	10
108	Assessment of wetland ecosystem health in Lower Songkhram, Thailand. International Journal of Sustainable Development and World Ecology, 2012, 19, 238-246.	5.9	9

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109	Optimal water allocation model based on satisfaction and economic benefits. International Journal of Water, 2013, 7, 363.	0.1	9
110	A generalized methodology for ranking climate models based on climate indices for sector-specific studies: An application to the Mekong sub-basin. Science of the Total Environment, 2022, 829, 154551.	8.0	9
111	Assessment of Agricultural NonPoint Source Model for a Watershed in Tropical Environment. Journal of Environmental Engineering, ASCE, 2004, 130, 1032-1041.	1.4	8
112	Marginal benefit based optimal water allocation: case of Teesta River, Bangladesh. Water Policy, 2013, 15, 126-146.	1.5	8
113	Utilization of a GIS-Based Water Infrastructure Inventory for Water Resources Assessment at Local Level: A Case Study in Mountainous Area of Vietnam. Hydrological Research Letters, 2009, 3, 27-31.	0.5	8
114	Hydrologic Utility of Satellite-Based and Gauge-Based Gridded Precipitation Products in the Huai Bang Sai Watershed of Northeastern Thailand. Hydrology, 2021, 8, 165.	3.0	8
115	Degradation“environment“society spiral: A spatial auto“logistic model in Thailand. Natural Resources Forum, 2008, 32, 290-304.	3.6	7
116	Projecting Relative Sea Level Rise under Climate Change at the Phrachula Chomklao Fort Tide Gauge in the Upper Gulf of Thailand. Water (Switzerland), 2021, 13, 1702.	2.7	7
117	Evaluation of Ecosystem-Based Adaptation Measures for Sediment Yield in a Tropical Watershed in Thailand. Water (Switzerland), 2021, 13, 2767.	2.7	7
118	Assessment of Different Irrigation Management Models in Vietnam. International Journal of Water Resources Development, 2005, 21, 525-535.	2.0	6
119	A cooperative framework for optimizing transboundary hydropower development. Water International, 2017, 42, 945-966.	1.0	6
120	Impacts of Climate Change on Irrigation Water Management in the Babai River Basin, Nepal. Hydrology, 2021, 8, 85.	3.0	6
121	Water“energy“carbon nexus: a case study of Bangkok. Water Science and Technology: Water Supply, 2015, 15, 889-897.	2.1	5
122	Comparison of different quantile regression methods to estimate predictive hydrological uncertainty in the Upper Chao Phraya River Basin, Thailand. Journal of Flood Risk Management, 2020, 13, e12585.	3.3	5
123	Assessment of the Ability of CMIP6 GCMS to Simulate the Boreal Summer Intraseasonal Oscillation Over Southeast Asia. Frontiers in Climate, 2021, 3, .	2.8	5
124	Simulation of stable and unstable flows in unsaturated homogeneous coarse sand. Hydrological Sciences Journal, 1997, 42, 49-65.	2.6	4
125	IRRIGATION SUSTAINABILITY ASSESSMENT OF SELECTED PROJECTS IN THA CHIN BASIN, THAILAND. Irrigation and Drainage, 2011, 60, 296-307.	1.7	4
126	Spatial and temporal variation in the trends of hydrological response of forested watersheds in Thailand. Environmental Earth Sciences, 2017, 76, 1.	2.7	4

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127	Forensic engineering analysis applied to flood control. Journal of Hydrology, 2021, 594, 125961.	5.4	4
128	Assessment of the Impact of Climate Change on Water Availability in the Citarum River Basin, Indonesia: The Use of Statistical Downscaling and Water Planning Tools. , 2015, , 45-64.		4
129	Improving Groundwater Quality Management for the Sustainable Utilization of the Bangkok Aquifer System. International Journal of Water Resources Development, 2012, 28, 355-371.	2.0	3
130	Benefit functions for instream water uses “a case of the Teesta River, Bangladesh. Journal of Applied Water Engineering and Research, 2013, 1, 118-128.	1.8	3
131	Adaptation strategies for rainfed rice water management under climate change in Songkhram River Basin, Thailand. Journal of Water and Climate Change, 2021, 12, 2181-2198.	2.9	3
132	Application of hydroinformatics tools for water quality modeling and management: case study of Vientiane, Lao P.D.R. Journal of Hydroinformatics, 2010, 12, 161-171.	2.4	2
133	Equilibrium of Crenulated Bays in Thailand. Coastal Engineering Journal, 2014, 56, 1450019-1-1450019-19.	1.9	2
134	EVALUATION OF LAND AND WATER MANAGEMENT OPTIONS TO ENHANCE PRODUCTIVITY OF RUBBER PLANTATION USING WaNuLCAS MODEL. Agrivita, 2016, 38, .	0.4	2
135	Rapid assessment techniques for chemicals in raw water sources. Journal of Water Supply: Research and Technology - AQUA, 2003, 52, 521-528.	1.4	1
136	Spatial Assessment of Potential for Groundwater Development in Lower Chao Phraya River Basin. Asia-Pacific Journal of Rural Development, 2009, 19, 23-42.	0.5	1
137	Regional Workshop on Water Saving Irrigation Practices in Rice-based Canal Systems, Bangkok, Thailand, 8–9 October 2009. International Journal of Water Resources Development, 2010, 26, 513-515.	2.0	1
138	The role of balancing tanks in optimal design of water distribution networks. Journal of Water Supply: Research and Technology - AQUA, 2015, 64, 610-628.	1.4	1
139	Integrated Modelling of Climate Change and Urban Drainage. , 2015, , 89-103.		1
140	Optimal system operation of the drops-cascading Konto system, Indonesia. Journal of Applied Water Engineering and Research, 2015, 3, 105-121.	1.8	1
141	Enhancing and Operationalizing Water Security: Present Landscape and Emerging Research Needs. Springer Water, 2021, , 61-69.	0.3	1
142	Towards Holistic and Multifunctional Design of Green and Blue Infrastructure for Climate Change Adaptation in Cultural Heritage Areas. Springer Water, 2021, , 381-390.	0.3	1
143	Developing Domestic Water Security Index in Urban Cities, Bahir Dar City, Ethiopia. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 113-125.	0.3	1
144	Towards climate resilient municipal water supply in Bangkok: A collaborative risk informed analysis. Climate Risk Management, 2022, 35, 100406.	3.2	1

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145	Data assimilation for flow forecasting in urban drainage systems by updating a hydrodynamic model of DamhusÅen Catchment, Copenhagen. Urban Water Journal, 2020, 17, 847-859.	2.1	0
146	Adaptation to Flood Risk in Areas with Cultural Heritage. Springer Water, 2021, , 391-399.	0.3	0
147	Assessment of Groundwater Quality Index Using Geographic Information System in Parts of Rural Ajmer and Bhilwara Districts of Rajasthan, India. Water Conservation Science and Engineering, 0, , 1.	1.7	0
148	Can rice farmers pay irrigation costs?. Cahiers Agricultures, 2013, 22, 385-392.	0.9	0
149	Impact of the Uncertainty of Future Climates on Discharge in the Nam Ou River Basin, Lao PDR. , 2015, , 65-87.		0
150	EMERGING RESEARCH NEEDS FOR WATER SECURITY ENHANCEMENT. Suimon Mizu Shigen Gakkaishi, 2019, 32, 74-81.	0.1	0