

Mukand Babel

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9193540/publications.pdf>

Version: 2024-02-01

150
papers

5,611
citations

66234

42
h-index

98622

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. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 1413-1425.	1.9	262
2	Drought Analysis in the Awash River Basin, Ethiopia. <i>Water Resources Management</i> , 2010, 24, 1441-1460.	1.9	260
3	Hydro-meteorological trends in the upper Indus River basin in Pakistan. <i>Climate Research</i> , 2011, 46, 103-119.	0.4	205
4	Delineation of groundwater potential zones in the Comoro watershed, Timor Leste using GIS, remote sensing and analytic hierarchy process (AHP) technique. <i>Applied Water Science</i> , 2017, 7, 503-519.	2.8	193
5	Spatial disaggregation of bias-corrected GCM precipitation for improved hydrologic simulation: Ping River Basin, Thailand. <i>Hydrology and Earth System Sciences</i> , 2007, 11, 1373-1390.	1.9	173
6	Evaluation of SDSM developed by annual and monthly sub-models for downscaling temperature and precipitation in the Jhelum basin, Pakistan and India. <i>Theoretical and Applied Climatology</i> , 2013, 113, 27-44.	1.3	167
7	Impact of climate change on sediment yield in the Mekong River basin: a case study of the Nam Ou basin, Lao PDR. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 1-20.	1.9	156
8	Water requirement of drip irrigated tomatoes grown in greenhouse in tropical environment. <i>Agricultural Water Management</i> , 2005, 71, 225-242.	2.4	146
9	Evaluation of food risk parameters in the Day River Flood Diversion Area, Red River Delta, Vietnam. <i>Natural Hazards</i> , 2011, 56, 169-194.	1.6	134
10	A Model for Optimal Allocation of Water to Competing Demands. <i>Water Resources Management</i> , 2005, 19, 693-712.	1.9	119
11	Climate change impact on glacier and snow melt and runoff in Tamakoshi basin in the Hindu Kush Himalayan (HKH) region. <i>Journal of Hydrology</i> , 2014, 511, 49-60.	2.3	114
12	Hydrologic monitoring and analysis in the Sundarbans mangrove ecosystem, Bangladesh. <i>Journal of Hydrology</i> , 2007, 332, 381-395.	2.3	91
13	A multivariate econometric approach for domestic water demand modeling: An application to Kathmandu, Nepal. <i>Water Resources Management</i> , 2007, 21, 573-589.	1.9	91
14	Climate change impacts on irrigation water requirement, crop water productivity and rice yield in the Songkhram River Basin, Thailand. <i>Journal of Cleaner Production</i> , 2018, 198, 1157-1164.	4.6	90
15	Evaluation of climate change impacts and adaptation measures for rice cultivation in Northeast Thailand. <i>Climate Research</i> , 2011, 46, 137-146.	0.4	88
16	Non-deposition design criteria for sewers with part-full flow. <i>Urban Water Journal</i> , 2010, 7, 61-77.	1.0	84
17	Evaluation of climate change impacts and adaptation strategies on rainfed rice production in Songkhram River Basin, Thailand. <i>Science of the Total Environment</i> , 2019, 652, 189-201.	3.9	83
18	Quantifying the impact of climate change on crop yield and water footprint of rice in the Nam Oon Irrigation Project, Thailand. <i>Science of the Total Environment</i> , 2017, 599-600, 689-699.	3.9	74

#	ARTICLE	IF	CITATIONS
19	Analysis of future precipitation in the Koshi river basin, Nepal. <i>Journal of Hydrology</i> , 2014, 513, 422-434.	2.3	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. <i>Journal of Hydrology</i> , 2011, 401, 22-35.	2.3	71
21	Future changes in extreme temperature events using the statistical downscaling model (SDSM) in the trans-boundary region of the Jhelum river basin. <i>Weather and Climate Extremes</i> , 2014, 5-6, 56-66.	1.6	71
22	Identifying Prominent Explanatory Variables for Water Demand Prediction Using Artificial Neural Networks: A Case Study of Bangkok. <i>Water Resources Management</i> , 2011, 25, 1653-1676.	1.9	68
23	Climate risks and adaptation strategies in the Lower Mekong River basin. <i>Regional Environmental Change</i> , 2014, 14, 207-219.	1.4	68
24	Quantifying the sources of uncertainty in an ensemble of hydrological climate-impact projections. <i>Theoretical and Applied Climatology</i> , 2019, 135, 193-209.	1.3	67
25	Potential Impacts of Climate Change on Water Resources in the Kunhar River Basin, Pakistan. <i>Water (Switzerland)</i> , 2016, 8, 23.	1.2	63
26	A framework to assess adaptive capacity of the water resources system in Nepalese river basins. <i>Ecological Indicators</i> , 2011, 11, 480-488.	2.6	62
27	Climate trends and impacts on crop production in the Koshi River basin of Nepal. <i>Regional Environmental Change</i> , 2014, 14, 1291-1301.	1.4	62
28	Evaluation of annualized agricultural nonpoint source model for a watershed in the Siwalik Hills of Nepal. <i>Environmental Modelling and Software</i> , 2006, 21, 961-975.	1.9	58
29	Hydrological impact of biofuel production: A case study of the Khlong Phlo Watershed in Thailand. <i>Agricultural Water Management</i> , 2011, 101, 8-26.	2.4	58
30	Hydrological modeling of the Mun River basin in Thailand. <i>Journal of Hydrology</i> , 2012, 452-453, 232-246.	2.3	57
31	Analysis of climatic variability and snow cover in the Kaligandaki River Basin, Himalaya, Nepal. <i>Theoretical and Applied Climatology</i> , 2014, 116, 681-694.	1.3	57
32	Impact of Climate Change on River Flow and Hydropower Production in Kulekhani Hydropower Project of Nepal. <i>Environmental Processes</i> , 2014, 1, 231-250.	1.7	57
33	Operation of a hydropower system considering environmental flow requirements: A case study in La Nga river basin, Vietnam. <i>Journal of Hydro-Environment Research</i> , 2012, 6, 63-73.	1.0	55
34	Modelling the potential impacts of climate change on hydrology and water resources in the Indrawati River Basin, Nepal. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	1.3	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. <i>Sustainability</i> , 2013, 5, 3244-3274.	1.6	54
36	Trends in extreme rainfall and temperature indices in the western Thailand. <i>International Journal of Climatology</i> , 2014, 34, 2393-2407.	1.5	53

#	ARTICLE	IF	CITATIONS
37	Evolutionary and Holistic Assessment of Green-Grey Infrastructure for CSO Reduction. <i>Water (Switzerland)</i> , 2016, 8, 402.	1.2	51
38	Climate change and water resources in the Bagmati River Basin, Nepal. <i>Theoretical and Applied Climatology</i> , 2014, 115, 639-654.	1.3	49
39	Community responses to flood early warning system: Case study in Kajjuri Union, Bangladesh. <i>International Journal of Disaster Risk Reduction</i> , 2015, 14, 323-331.	1.8	48
40	Forecasting climate change impacts and evaluation of adaptation options for maize cropping in the hilly terrain of Himalayas: Sikkim, India. <i>Theoretical and Applied Climatology</i> , 2015, 121, 649-667.	1.3	48
41	Developing Intensityâ€“Durationâ€“Frequency (IDF) Curves under Climate Change Uncertainty: The Case of Bangkok, Thailand. <i>Water (Switzerland)</i> , 2017, 9, 145.	1.2	47
42	Measuring water security: A vital step for climate change adaptation. <i>Environmental Research</i> , 2020, 185, 109400.	3.7	46
43	Assessment of temporal and spatial changes of future climate in the Jhelum river basin, Pakistan and India. <i>Weather and Climate Extremes</i> , 2015, 10, 40-55.	1.6	43
44	Multi-GCMs approach for assessing climate change impact on water resources in Thailand. <i>Modeling Earth Systems and Environment</i> , 2018, 4, 825-839.	1.9	43
45	Assessment of Climate Change Impact on Reservoir Inflows Using Multi Climate-Models under RCPsâ€”The Case of Mangla Dam in Pakistan. <i>Water (Switzerland)</i> , 2016, 8, 389.	1.2	42
46	Indicator-Based Approach for Assessing the Vulnerability of Freshwater Resources in the Bagmati River Basin, Nepal. <i>Environmental Management</i> , 2011, 48, 1044-1059.	1.2	40
47	Development of a Generic Domestic Water Security Index, and Its Application in Addis Ababa, Ethiopia. <i>Water (Switzerland)</i> , 2019, 11, 37.	1.2	39
48	Impact of Climate Change on Water Resources of the Bheri River Basin, Nepal. <i>Water (Switzerland)</i> , 2018, 10, 220.	1.2	38
49	Performance Evaluation of AquaCrop and DSSAT-CERES for Maize Under Different Irrigation and Manure Application Rates in the Himalayan Region of India. <i>Agricultural Research</i> , 2019, 8, 207-217.	0.9	37
50	The assessment of spatial and temporal transferability of a physically based distributed hydrological model parameters in different physiographic regions of Nepal. <i>Journal of Hydrology</i> , 2007, 347, 153-172.	2.3	36
51	Principal Component and Multiple Regression Analyses for the Estimation of Suspended Sediment Yield in Ungauged Basins of Northern Thailand. <i>Water (Switzerland)</i> , 2014, 6, 2412-2435.	1.2	36
52	Assessment of risks due to climate change for the Upper Tamakoshi Hydropower Project in Nepal. <i>Climate Risk Management</i> , 2016, 14, 27-41.	1.6	36
53	Land use impact on the water quality of large tropical river: Mun River Basin, Thailand. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 614.	1.3	36
54	Simulation of infiltration from porous clay pipe in subsurface irrigation. <i>Hydrological Sciences Journal</i> , 2002, 47, 253-268.	1.2	34

#	ARTICLE	IF	CITATIONS
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.	1.2	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.	1.0	32
57	Analysis of temperature projections in the Koshi River Basin, Nepal. <i>International Journal of Climatology</i> , 2016, 36, 266-279.	1.5	32
58	An evaluation of <sc>CMIP5</sc> and <sc>CMIP6</sc> climate models in simulating summer rainfall in the Southeast Asian monsoon domain. <i>International Journal of Climatology</i> , 2022, 42, 1181-1202.	1.5	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.	1.7	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.	1.3	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.	1.7	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.	1.0	28
63	Reservoir Optimization-Simulation with a Sediment Evacuation Model to Minimize Irrigation Deficits. <i>Water Resources Management</i> , 2012, 26, 3173-3193.	1.9	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.	1.3	27
65	Challenges for Sustainable Management of Groundwater Use in Bangkok, Thailand. <i>International Journal of Water Resources Development</i> , 2005, 21, 453-464.	1.2	26
66	Evaluation of the Effectiveness of Water Management Policies in Bangladesh. <i>International Journal of Water Resources Development</i> , 2011, 27, 401-417.	1.2	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.	0.8	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.	1.9	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.	1.8	26
70	Improved Reservoir Operation Using Hybrid Genetic Algorithm and Neurofuzzy Computing. <i>Water Resources Management</i> , 2009, 23, 697-720.	1.9	25
71	Institutional development for IWRM: an international perspective. <i>International Journal of River Basin Management</i> , 2010, 8, 215-224.	1.5	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.	0.9	25

#	ARTICLE	IF	CITATIONS
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.	1.9	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.	1.2	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.	3.7	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.	1.9	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.	1.0	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.	1.2	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.	1.2	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.	1.3	20
81	Hydrogeochemical and isotopic characterization of groundwater salinization in the Bangkok aquifer system, Thailand. <i>Environmental Earth Sciences</i> , 2013, 68, 749-763.	1.3	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.	3.9	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.	1.6	19
84	Fingered preferential flow in unsaturated homogeneous coarse sands. <i>Hydrological Sciences Journal</i> , 1995, 40, 1-17.	1.2	17
85	Evaluation of groundwater-based irrigation systems using a water-“energy”-food nexus approach: a case study from Southeast Nepal. <i>Journal of Applied Water Engineering and Research</i> , 2015, 3, 53-66.	1.0	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.	1.3	16
87	Evaluation of gridded precipitation datasets for the Kabul Basin, Afghanistan. <i>International Journal of Remote Sensing</i> , 2017, 38, 3317-3332.	1.3	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.	1.0	16
89	Hydrology, management and rising water vulnerability in the Ganges-“Brahmaputra”-Meghna River basin. <i>Water International</i> , 2011, 36, 340-356.	0.4	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.	3.2	15

#	ARTICLE	IF	CITATIONS
91	An artificial neural network-based snow cover predictive modeling in the higher Himalayas. <i>Journal of Mountain Science</i> , 2014, 11, 825-837.	0.8	15
92	A Cooperative Game Analysis of Transboundary Hydropower Development in the Lower Mekong: Case of the 3S Sub-basins. <i>Water Resources Management</i> , 2014, 28, 3417-3437.	1.9	15
93	Projected changes in the near-future mean climate and extreme climate events in northeast Thailand. <i>International Journal of Climatology</i> , 2022, 42, 2470-2492.	1.5	15
94	Leakage management in a low-pressure water distribution network of Bangkok. <i>Water Science and Technology: Water Supply</i> , 2009, 9, 141-147.	1.0	14
95	Spatial assessment of groundwater use potential for irrigation in Teesta Barrage Project in Bangladesh. <i>Hydrogeology Journal</i> , 2007, 15, 365-382.	0.9	13
96	Analysis of a Nepalese water resources system: stress, adaptive capacity and vulnerability. <i>Water Science and Technology: Water Supply</i> , 2009, 9, 213-222.	1.0	13
97	Changes in summer monsoon rainfall in the Upper Chao Phraya River Basin, Thailand. <i>Climate Research</i> , 2011, 49, 155-168.	0.4	13
98	A multi-temporal analysis of streamflow using multiple CMIP5 GCMs in the Upper Ayerawaddy Basin, Myanmar. <i>Climatic Change</i> , 2019, 155, 59-79.	1.7	13
99	Multivariate and multi-temporal analysis of meteorological drought in the northeast of Thailand. <i>Weather and Climate Extremes</i> , 2021, 34, 100399.	1.6	13
100	Optimization and Reliability Assessment of Water Distribution Networks Incorporating Demand Balancing Tanks. <i>Procedia Engineering</i> , 2014, 70, 4-13.	1.2	12
101	Discharge-based economic valuation of irrigation water: Evidence from the Teesta River, Bangladesh. <i>Irrigation and Drainage</i> , 2011, 60, 481-492.	0.8	11
102	Assessing the vulnerability of infrastructure to climate change on the Islands of Samoa. <i>Natural Hazards and Earth System Sciences</i> , 2015, 15, 1343-1356.	1.5	11
103	Municipal Water Supply Management in Bangkok: Achievements and Lessons. <i>International Journal of Water Resources Development</i> , 2010, 26, 193-217.	1.2	10
104	Assessing hydrological impacts of climate change using bias-corrected downscaled precipitation in Mae Klong basin of Thailand. <i>Meteorological Applications</i> , 2018, 25, 384-393.	0.9	10
105	Comparative study of water and energy use in selected automobile manufacturing industries. <i>Journal of Cleaner Production</i> , 2020, 246, 118970.	4.6	10
106	Evaluating the potential for conserving water and energy in the water supply system of Bangkok. <i>Sustainable Cities and Society</i> , 2021, 69, 102857.	5.1	10
107	Title is missing!. <i>ScienceAsia</i> , 2006, 32, 053.	0.2	10
108	Assessment of wetland ecosystem health in Lower Songkhram, Thailand. <i>International Journal of Sustainable Development and World Ecology</i> , 2012, 19, 238-246.	3.2	9

#	ARTICLE	IF	CITATIONS
109	Optimal water allocation model based on satisfaction and economic benefits. <i>International Journal of Water</i> , 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. <i>Science of the Total Environment</i> , 2022, 829, 154551.	3.9	9
111	Assessment of Agricultural NonPoint Source Model for a Watershed in Tropical Environment. <i>Journal of Environmental Engineering, ASCE</i> , 2004, 130, 1032-1041.	0.7	8
112	Marginal benefit based optimal water allocation: case of Teesta River, Bangladesh. <i>Water Policy</i> , 2013, 15, 126-146.	0.7	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. <i>Hydrological Research Letters</i> , 2009, 3, 27-31.	0.3	8
114	Hydrologic Utility of Satellite-Based and Gauge-Based Gridded Precipitation Products in the Huai Bang Sai Watershed of Northeastern Thailand. <i>Hydrology</i> , 2021, 8, 165.	1.3	8
115	Degradationâ€“environmentâ€“society spiral: A spatial autoâ€“logistic model in Thailand. <i>Natural Resources Forum</i> , 2008, 32, 290-304.	1.8	7
116	Projecting Relative Sea Level Rise under Climate Change at the Phrachula Chomklao Fort Tide Gauge in the Upper Gulf of Thailand. <i>Water (Switzerland)</i> , 2021, 13, 1702.	1.2	7
117	Evaluation of Ecosystem-Based Adaptation Measures for Sediment Yield in a Tropical Watershed in Thailand. <i>Water (Switzerland)</i> , 2021, 13, 2767.	1.2	7
118	Assessment of Different Irrigation Management Models in Vietnam. <i>International Journal of Water Resources Development</i> , 2005, 21, 525-535.	1.2	6
119	A cooperative framework for optimizing transboundary hydropower development. <i>Water International</i> , 2017, 42, 945-966.	0.4	6
120	Impacts of Climate Change on Irrigation Water Management in the Babai River Basin, Nepal. <i>Hydrology</i> , 2021, 8, 85.	1.3	6
121	Waterâ€“energyâ€“carbon nexus: a case study of Bangkok. <i>Water Science and Technology: Water Supply</i> , 2015, 15, 889-897.	1.0	5
122	Comparison of different quantile regression methods to estimate predictive hydrological uncertainty in the Upper Chao Phraya River Basin, Thailand. <i>Journal of Flood Risk Management</i> , 2020, 13, e12585.	1.6	5
123	Assessment of the Ability of CMIP6 GCMS to Simulate the Boreal Summer Intraseasonal Oscillation Over Southeast Asia. <i>Frontiers in Climate</i> , 2021, 3, .	1.3	5
124	Simulation of stable and unstable flows in unsaturated homogeneous coarse sand. <i>Hydrological Sciences Journal</i> , 1997, 42, 49-65.	1.2	4
125	IRRIGATION SUSTAINABILITY ASSESSMENT OF SELECTED PROJECTS IN THA CHIN BASIN, THAILAND. <i>Irrigation and Drainage</i> , 2011, 60, 296-307.	0.8	4
126	Spatial and temporal variation in the trends of hydrological response of forested watersheds in Thailand. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	4

#	ARTICLE	IF	CITATIONS
127	Forensic engineering analysis applied to flood control. Journal of Hydrology, 2021, 594, 125961.	2.3	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.	1.2	3
130	Benefit functions for instream water uses â€“ a case of the Teesta River, Bangladesh. Journal of Applied Water Engineering and Research, 2013, 1, 118-128.	1.0	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.	1.2	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.	1.1	2
133	Equilibrium of Crenulated Bays in Thailand. Coastal Engineering Journal, 2014, 56, 1450019-1-1450019-19.	0.7	2
134	EVALUATION OF LAND AND WATER MANAGEMENT OPTIONS TO ENHANCE PRODUCTIVITY OF RUBBER PLANTATION USING WaNuLCAS MODEL. Agrivita, 2016, 38, .	0.2	2
135	Rapid assessment techniques for chemicals in raw water sources. Journal of Water Supply: Research and Technology - AQUA, 2003, 52, 521-528.	0.6	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.	1.0	1
137	Regional Workshop on Water Saving Irrigation Practices in Rice-based Canal Systems, Bangkok, Thailand, 8â€“9 October 2009. International Journal of Water Resources Development, 2010, 26, 513-515.	1.2	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.	0.6	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.	1.0	1
141	Enhancing and Operationalizing Water Security: Present Landscape and Emerging Research Needs. Springer Water, 2021, , 61-69.	0.2	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.	0.2	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.	0.2	1
144	Towards climate resilient municipal water supply in Bangkok: A collaborative risk informed analysis. Climate Risk Management, 2022, 35, 100406.	1.6	1

#	ARTICLE	IF	CITATIONS
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.	1.0	0
146	Adaptation to Flood Risk in Areas with Cultural Heritage. Springer Water, 2021, , 391-399.	0.2	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.	0.9	0
148	Can rice farmers pay irrigation costs?. Cahiers Agricultures, 2013, 22, 385-392.	0.4	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