

Mukand Babel

List of Publications by Year in descending order

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Version: 2024-02-01

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 evaluation of <scp>CMIP5</scp> and <scp>CMIP6</scp> climate models in simulating summer rainfall in the Southeast Asian monsoon domain. International Journal of Climatology, 2022, 42, 1181-1202.	3.5	32
2	Projected changes in the n<scp>earâ€œfuture</scp> mean climate and extreme climate events in northeast Thailand. International Journal of Climatology, 2022, 42, 2470-2492.	3.5	15
3	Towards climate resilient municipal water supply in Bangkok: A collaborative risk informed analysis. Climate Risk Management, 2022, 35, 100406.	3.2	1
4	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
5	Urban water security: A comparative assessment and policy analysis of five cities in diverse developing countries of Asia. Environmental Development, 2022, 43, 100713.	4.1	26
6	Climate change impact on water balance and hydrological extremes in different physiographic regions of the West Seti River Basin, Nepal. Ecohydrology and Hydrobiology, 2021, 21, 79-95.	2.3	21
7	Adaptation to Flood Risk in Areas with Cultural Heritage. Springer Water, 2021, , 391-399.	0.3	0
8	Enhancing and Operationalizing Water Security: Present Landscape and Emerging Research Needs. Springer Water, 2021, , 61-69.	0.3	1
9	Forensic engineering analysis applied to flood control. Journal of Hydrology, 2021, 594, 125961.	5.4	4
10	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
11	Impacts of Climate Change on Irrigation Water Management in the Babai River Basin, Nepal. Hydrology, 2021, 8, 85.	3.0	6
12	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
13	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
14	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
15	Evaluation of Ecosystem-Based Adaptation Measures for Sediment Yield in a Tropical Watershed in Thailand. Water (Switzerland), 2021, 13, 2767.	2.7	7
16	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
17	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
18	Multivariate and multi-temporal analysis of meteorological drought in the northeast of Thailand. Weather and Climate Extremes, 2021, 34, 100399.	4.1	13

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19	Comparative study of water and energy use in selected automobile manufacturing industries. Journal of Cleaner Production, 2020, 246, 118970.	9.3	10
20	Evaluation of global land use/land cover products for hydrologic simulation in the Upper Yom River Basin, Thailand. Science of the Total Environment, 2020, 708, 135148.	8.0	19
21	Assessment of the impact of climate change and mining activities on streamflow and selected metal's loading in the Chindwin River, Myanmar. Environmental Research, 2020, 181, 108942.	7.5	24
22	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. Ecological Engineering, 2020, 143, 105641.	3.6	19
23	Multi-objective optimization for improving equity and reliability in intermittent water supply systems. Water Science and Technology: Water Supply, 2020, 20, 1592-1603.	2.1	16
24	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
25	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
26	Measuring water security: A vital step for climate change adaptation. Environmental Research, 2020, 185, 109400.	7.5	46
27	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
28	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
29	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
30	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
31	Development of a Generic Domestic Water Security Index, and Its Application in Addis Ababa, Ethiopia. Water (Switzerland), 2019, 11, 37.	2.7	39
32	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
33	Quantifying the sources of uncertainty in an ensemble of hydrological climate-impact projections. Theoretical and Applied Climatology, 2019, 135, 193-209.	2.8	67
34	EMERGING RESEARCH NEEDS FOR WATER SECURITY ENHANCEMENT. Suimon Mizu Shigen Gakkaishi, 2019, 32, 74-81.	0.1	0
35	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
36	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

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37	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
38	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
39	Impact of Climate Change on Water Resources of the Bheri River Basin, Nepal. <i>Water (Switzerland)</i> , 2018, 10, 220.	2.7	38
40	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.	9.3	90
41	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.	5.6	193
42	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
43	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.	8.0	74
44	Spatial and temporal variation in the trends of hydrological response of forested watersheds in Thailand. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	4
45	Evaluation of gridded precipitation datasets for the Kabul Basin, Afghanistan. <i>International Journal of Remote Sensing</i> , 2017, 38, 3317-3332.	2.9	16
46	Developing Intensityâ€Durationâ€Frequency (IDF) Curves under Climate Change Uncertainty: The Case of Bangkok, Thailand. <i>Water (Switzerland)</i> , 2017, 9, 145.	2.7	47
47	A cooperative framework for optimizing transboundary hydropower development. <i>Water International</i> , 2017, 42, 945-966.	1.0	6
48	Potential Impacts of Climate Change on Water Resources in the Kunhar River Basin, Pakistan. <i>Water (Switzerland)</i> , 2016, 8, 23.	2.7	63
49	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.	2.7	42
50	Evolutionary and Holistic Assessment of Green-Grey Infrastructure for CSO Reduction. <i>Water (Switzerland)</i> , 2016, 8, 402.	2.7	51
51	Assessment of risks due to climate change for the Upper Tamakoshi Hydropower Project in Nepal. <i>Climate Risk Management</i> , 2016, 14, 27-41.	3.2	36
52	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.	2.7	55
53	Analysis of temperature projections in the Koshi River Basin, Nepal. <i>International Journal of Climatology</i> , 2016, 36, 266-279.	3.5	32
54	EVALUATION OF LAND AND WATER MANAGEMENT OPTIONS TO ENHANCE PRODUCTIVITY OF RUBBER PLANTATION USING WaNuLCAS MODEL. <i>Agrivita</i> , 2016, 38, .	0.4	2

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55	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
56	Waterâ€“energyâ€“carbon nexus: a case study of Bangkok. Water Science and Technology: Water Supply, 2015, 15, 889-897.	2.1	5
57	Using the mutual information technique to select explanatory variables in artificial neural networks for rainfall forecasting. Meteorological Applications, 2015, 22, 610-616.	2.1	25
58	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
59	Evaluation of groundwater-based irrigation systems using a waterâ€“energyâ€“food nexus approach: a case study from Southeast Nepal. Journal of Applied Water Engineering and Research, 2015, 3, 53-66.	1.8	17
60	Integrated Modelling of Climate Change and Urban Drainage. , 2015, , 89-103.		1
61	Evaluation of climate change impacts and adaptation strategies for maize cultivation in the Himalayan foothills of India. Journal of Water and Climate Change, 2015, 6, 596-614.	2.9	24
62	Optimal system operation of the drops-cascading Konto system, Indonesia. Journal of Applied Water Engineering and Research, 2015, 3, 105-121.	1.8	1
63	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
64	Community responses to flood early warning system: Case study in Kaijuri Union, Bangladesh. International Journal of Disaster Risk Reduction, 2015, 14, 323-331.	3.9	48
65	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
66	Evaluation of climate change impacts and adaptation measures for maize cultivation in the western Uganda agro-ecological zone. Theoretical and Applied Climatology, 2015, 119, 239-254.	2.8	30
67	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
68	Impact of the Uncertainty of Future Climates on Discharge in the Nam Ou River Basin, Lao PDR. , 2015, , 65-87.		0
69	Equilibrium of Crenulated Bays in Thailand. Coastal Engineering Journal, 2014, 56, 1450019-1-1450019-19.	1.9	2
70	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
71	Trends in extreme rainfall and temperature indices in the western Thailand. International Journal of Climatology, 2014, 34, 2393-2407.	3.5	53
72	Analysis of future precipitation in the Koshi river basin, Nepal. Journal of Hydrology, 2014, 513, 422-434.	5.4	73

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73	Climate change and water resources in the Bagmati River Basin, Nepal. Theoretical and Applied Climatology, 2014, 115, 639-654.	2.8	49
74	Climate trends and impacts on crop production in the Koshi River basin of Nepal. Regional Environmental Change, 2014, 14, 1291-1301.	2.9	62
75	Climate risks and adaptation strategies in the Lower Mekong River basin. Regional Environmental Change, 2014, 14, 207-219.	2.9	68
76	Optimization and Reliability Assessment of Water Distribution Networks Incorporating Demand Balancing Tanks. Procedia Engineering, 2014, 70, 4-13.	1.2	12
77	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
78	Evaluation of water use sustainability under future climate and irrigation management scenarios in Citarum River Basin, Indonesia. International Journal of Sustainable Development and World Ecology, 2014, 21, 181-194.	5.9	15
79	An artificial neural network-based snow cover predictive modeling in the higher Himalayas. Journal of Mountain Science, 2014, 11, 825-837.	2.0	15
80	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
81	Incorporating Future Climatic and Socioeconomic Variables in Water Demand Forecasting: A Case Study in Bangkok. Water Resources Management, 2014, 28, 2049-2062.	3.9	26
82	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
83	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
84	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
85	Application of downscaled precipitation for hydrological climate-change impact assessment in the upper Ping River Basin of Thailand. Climate Dynamics, 2013, 41, 2589-2602.	3.8	28
86	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
87	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
88	Hydrogeochemical and isotopic characterization of groundwater salinization in the Bangkok aquifer system, Thailand. Environmental Earth Sciences, 2013, 68, 749-763.	2.7	19
89	Economic Analysis of Leakage in the Bangkok Water Distribution System. Journal of Water Resources Planning and Management - ASCE, 2013, 139, 209-216.	2.6	20
90	Marginal benefit based optimal water allocation: case of Teesta River, Bangladesh. Water Policy, 2013, 15, 126-146.	1.5	8

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91	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
92	Optimal water allocation model based on satisfaction and economic benefits. <i>International Journal of Water</i> , 2013, 7, 363.	0.1	9
93	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.	3.2	54
94	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.	4.9	156
95	Can rice farmers pay irrigation costs?. <i>Cahiers Agricultures</i> , 2013, 22, 385-392.	0.9	0
96	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
97	Improving Groundwater Quality Management for the Sustainable Utilization of the Bangkok Aquifer System. <i>International Journal of Water Resources Development</i> , 2012, 28, 355-371.	2.0	3
98	Assessment of wetland ecosystem health in Lower Songkhram, Thailand. <i>International Journal of Sustainable Development and World Ecology</i> , 2012, 19, 238-246.	5.9	9
99	Reservoir Optimization-Simulation with a Sediment Evacuation Model to Minimize Irrigation Deficits. <i>Water Resources Management</i> , 2012, 26, 3173-3193.	3.9	27
100	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.	2.2	55
101	Hydrological modeling of the Mun River basin in Thailand. <i>Journal of Hydrology</i> , 2012, 452-453, 232-246.	5.4	57
102	Hydrology, management and rising water vulnerability in the Gangesâ€“Brahmaputraâ€“Meghna River basin. <i>Water International</i> , 2011, 36, 340-356.	1.0	15
103	Hydrological impact of biofuel production: A case study of the Khlong Phlo Watershed in Thailand. <i>Agricultural Water Management</i> , 2011, 101, 8-26.	5.6	58
104	A framework to assess adaptive capacity of the water resources system in Nepalese river basins. <i>Ecological Indicators</i> , 2011, 11, 480-488.	6.3	62
105	Hydro-meteorological trends in the upper Indus River basin in Pakistan. <i>Climate Research</i> , 2011, 46, 103-119.	1.1	205
106	Changes in summer monsoon rainfall in the Upper Chao Phraya River Basin, Thailand. <i>Climate Research</i> , 2011, 49, 155-168.	1.1	13
107	Optimal allocation of bulk water supplies to competing use sectors based on economic criterion â€“ An application to the Chao Phraya River Basin, Thailand. <i>Journal of Hydrology</i> , 2011, 401, 22-35.	5.4	71
108	Evaluation of food risk parameters in the Day River Flood Diversion Area, Red River Delta, Vietnam. <i>Natural Hazards</i> , 2011, 56, 169-194.	3.4	134

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109	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.	3.9	68
110	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
111	Indicator-Based Approach for Assessing the Vulnerability of Freshwater Resources in the Bagmati River Basin, Nepal. <i>Environmental Management</i> , 2011, 48, 1044-1059.	2.7	40
112	IRRIGATION SUSTAINABILITY ASSESSMENT OF SELECTED PROJECTS IN THA CHIN BASIN, THAILAND. <i>Irrigation and Drainage</i> , 2011, 60, 296-307.	1.7	4
113	Discharge-based economic valuation of irrigation water: Evidence from the Teesta River, Bangladesh. <i>Irrigation and Drainage</i> , 2011, 60, 481-492.	1.7	11
114	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
115	Evaluation of climate change impacts and adaptation measures for rice cultivation in Northeast Thailand. <i>Climate Research</i> , 2011, 46, 137-146.	1.1	88
116	Drought Analysis in the Awash River Basin, Ethiopia. <i>Water Resources Management</i> , 2010, 24, 1441-1460.	3.9	260
117	Institutional development for IWRM: an international perspective. <i>International Journal of River Basin Management</i> , 2010, 8, 215-224.	2.7	25
118	Municipal Water Supply Management in Bangkok: Achievements and Lessons. <i>International Journal of Water Resources Development</i> , 2010, 26, 193-217.	2.0	10
119	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
120	Application of hydroinformatics tools for water quality modeling and management: case study of Vientiane, Lao P.D.R. <i>Journal of Hydroinformatics</i> , 2010, 12, 161-171.	2.4	2
121	Regional Workshop on Water Saving Irrigation Practices in Rice-based Canal Systems, Bangkok, Thailand, 8-9 October 2009. <i>International Journal of Water Resources Development</i> , 2010, 26, 513-515.	2.0	1
122	Non-deposition design criteria for sewers with part-full flow. <i>Urban Water Journal</i> , 2010, 7, 61-77.	2.1	84
123	Spatial Assessment of Potential for Groundwater Development in Lower Chao Phraya River Basin. <i>Asia-Pacific Journal of Rural Development</i> , 2009, 19, 23-42.	0.5	1
124	An artificial neural network model for rainfall forecasting in Bangkok, Thailand. <i>Hydrology and Earth System Sciences</i> , 2009, 13, 1413-1425.	4.9	262
125	Improved Reservoir Operation Using Hybrid Genetic Algorithm and Neurofuzzy Computing. <i>Water Resources Management</i> , 2009, 23, 697-720.	3.9	25
126	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

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127	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
128	Leakage management in a low-pressure water distribution network of Bangkok. Water Science and Technology: Water Supply, 2009, 9, 141-147.	2.1	14
129	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
130	Degradation“environment“society spiral: A spatial auto“logistic model in Thailand. Natural Resources Forum, 2008, 32, 290-304.	3.6	7
131	Catchment scale modelling of point source and non-point source pollution loads using pollutant export coefficients determined from long-term in-stream monitoring data. Journal of Hydro-Environment Research, 2008, 2, 134-147.	2.2	32
132	Hydrologic monitoring and analysis in the Sundarbans mangrove ecosystem, Bangladesh. Journal of Hydrology, 2007, 332, 381-395.	5.4	91
133	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
134	Development of a window correlation matching method for improved radar rainfall estimation. Hydrology and Earth System Sciences, 2007, 11, 1361-1372.	4.9	23
135	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
136	A multivariate econometric approach for domestic water demand modeling: An application to Kathmandu, Nepal. Water Resources Management, 2007, 21, 573-589.	3.9	91
137	Spatial assessment of groundwater use potential for irrigation in Teesta Barrage Project in Bangladesh. Hydrogeology Journal, 2007, 15, 365-382.	2.1	13
138	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
139	Farmers' Perception of Water Management under Drought Conditions in the Upper Awash Basin, Ethiopia. International Journal of Water Resources Development, 2006, 22, 589-602.	2.0	20
140	Title is missing!. ScienceAsia, 2006, 32, 053.	0.5	10
141	A Model for Optimal Allocation of Water to Competing Demands. Water Resources Management, 2005, 19, 693-712.	3.9	119
142	Assessment of Different Irrigation Management Models in Vietnam. International Journal of Water Resources Development, 2005, 21, 525-535.	2.0	6
143	Challenges for Sustainable Management of Groundwater Use in Bangkok, Thailand. International Journal of Water Resources Development, 2005, 21, 453-464.	2.0	26
144	Water requirement of drip irrigated tomatoes grown in greenhouse in tropical environment. Agricultural Water Management, 2005, 71, 225-242.	5.6	146

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145	Assessment of Agricultural NonPoint Source Model for a Watershed in Tropical Environment. Journal of Environmental Engineering, ASCE, 2004, 130, 1032-1041.	1.4	8
146	Rapid assessment techniques for chemicals in raw water sources. Journal of Water Supply: Research and Technology - AQUA, 2003, 52, 521-528.	1.4	1
147	Simulation of infiltration from porous clay pipe in subsurface irrigation. Hydrological Sciences Journal, 2002, 47, 253-268.	2.6	34
148	Simulation of stable and unstable flows in unsaturated homogeneous coarse sand. Hydrological Sciences Journal, 1997, 42, 49-65.	2.6	4
149	Fingered preferential flow in unsaturated homogeneous coarse sands. Hydrological Sciences Journal, 1995, 40, 1-17.	2.6	17
150	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