

Yadong Mei

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

630
citations

567144

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all docs

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docs citations

34
times ranked

658
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrating wind and photovoltaic power with dual hydro-reservoir systems. <i>Energy Conversion and Management</i> , 2022, 257, 115425.	4.4	11
2	Delayed feedback between adaptive reservoir operation and environmental awareness within water supply-hydropower generation-environment nexus. <i>Journal of Cleaner Production</i> , 2022, 345, 131181.	4.6	6
3	Exploration of Relationships between Flood Control Capacity and Peak Flow Reduction in a Multireservoir System Using an Optimization-Clustering-Fitting Framework. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022, 148, .	1.3	4
4	Riverine Health Assessment Using Coordinated Development Degree Model Based on Natural and Social Functions in the Lhasa River, China. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7182.	1.2	4
5	Solution Selection from a Pareto Optimal Set of Multi-Objective Reservoir Operation via Clustering Operation Processes and Objective Values. <i>Water (Switzerland)</i> , 2021, 13, 1046.	1.2	3
6	Optimal Operation of a Parallel Multireservoir System for Flood Control using a Stagewise Compensation Method. <i>Water Resources Management</i> , 2021, 35, 1689-1710.	1.9	8
7	Use of a Multi-Objective Correlation Index to Analyze the Power Generation, Water Supply and Ecological Flow Mutual Feedback Relationship of a Reservoir. <i>Water Resources Management</i> , 2021, 35, 465-480.	1.9	9
8	Ecological Network Analysis of a Virtual Water System in Tibet, China. <i>Water (Switzerland)</i> , 2021, 13, 3246.	1.2	1
9	Inter- and intra-annual wind speed variabilities in wide valley regions of the middle reaches of the Yarlung Tsangpo River, China. <i>Scientific Reports</i> , 2020, 10, 12657.	1.6	5
10	An analysis of the relation between water pollution and economic growth in China by considering the contemporaneous correlation of water pollutants. <i>Journal of Cleaner Production</i> , 2020, 276, 122783.	4.6	52
11	Optimal Operation of Complex Flood Control System Composed of Cascade Reservoirs, Navigation-Power Junctions, and Flood Storage Areas. <i>Water (Switzerland)</i> , 2020, 12, 1883.	1.2	8
12	Assessing the Roles of Terrestrial Stilling and Solar Dimming in Land Surface Drying/Wetting across China. <i>Water (Switzerland)</i> , 2020, 12, 1996.	1.2	1
13	Inter- and intra-annual trend analysis of water level and flow in the middle and lower reaches of the Ganjiang River, China. <i>Hydrological Sciences Journal</i> , 2020, 65, 2128-2141.	1.2	3
14	Energy-based sustainability evaluation of two hydropower projects on the Tibetan Plateau. <i>Ecological Engineering</i> , 2020, 150, 105838.	1.6	17
15	Integrating wind, photovoltaic, and large hydropower during the reservoir refilling period. <i>Energy Conversion and Management</i> , 2019, 198, 111778.	4.4	28
16	New Index for Runoff Variability Analysis in Rainfall Driven Rivers in Southeastern United States. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, .	0.8	2
17	Clustering and dispatching hydro, wind, and photovoltaic power resources with multiobjective optimization of power generation fluctuations: A case study in southwestern China. <i>Energy</i> , 2019, 189, 116250.	4.5	44
18	Attribution Analysis of Dry Season Runoff in the Lhasa River Using an Extended Hydrological Sensitivity Method and a Hydrological Model. <i>Water (Switzerland)</i> , 2019, 11, 1187.	1.2	10

#	ARTICLE	IF	CITATIONS
19	An Analysis of a Water Use Decoupling Index and Its Spatial Migration Characteristics Based on Extracting Trend Components: A Case Study of the Poyang Lake Basin. <i>Water (Switzerland)</i> , 2019, 11, 1027.	1.2	6
20	Establishment of the ecological relationships and properties of the Lhasa River Basin water resources system, China. <i>Sustainable Cities and Society</i> , 2019, 47, 101477.	5.1	18
21	Model and Analysis of Integrating Wind and PV Power in Remote and Core Areas with Small Hydropower and Pumped Hydropower Storage. <i>Energies</i> , 2018, 11, 3459.	1.6	18
22	Water Resource Optimal Allocation Based on Multi-Agent Game Theory of HanJiang River Basin. <i>Water (Switzerland)</i> , 2018, 10, 1184.	1.2	23
23	A modified water cycle algorithm for long-term multi-reservoir optimization. <i>Applied Soft Computing Journal</i> , 2018, 71, 317-332.	4.1	36
24	Improved multi-objective model and analysis of the coordinated operation of a hydro-wind-photovoltaic system. <i>Energy</i> , 2017, 134, 813-839.	4.5	100
25	A New Fluctuation Index: Characteristics and Application to Hydro-Wind Systems. <i>Energies</i> , 2016, 9, 114.	1.6	21
26	Influence of Sub-Daily Variation on Multi-Fractal Detrended Fluctuation Analysis of Wind Speed Time Series. <i>PLoS ONE</i> , 2016, 11, e0146284.	1.1	8
27	Copula-based bivariate flood frequency analysis in a changing climate—A case study in the Huai River Basin, China. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 37-46.	1.1	18
28	Assessing flood risk using reservoir flood control rules. <i>Journal of Earth Science (Wuhan, China)</i> , 2016, 27, 68-73.	1.1	7
29	A comparison study of three statistical downscaling methods and their model-averaging ensemble for precipitation downscaling in China. <i>Theoretical and Applied Climatology</i> , 2014, 116, 707-719.	1.3	27
30	Comparison of Meteorological, Hydrological and Agricultural Drought Responses to Climate Change and Uncertainty Assessment. <i>Water Resources Management</i> , 2014, 28, 5039-5054.	1.9	72
31	Multi-scale analysis of meteorological drought risks based on a Bayesian interpolation approach in Huai River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2014, 28, 1985-1998.	1.9	21
32	An Optimal Reservoir Operation Model Based on Ecological Requirement and Its Effect on Electricity Generation. <i>Water Resources Management</i> , 2012, 26, 4019-4028.	1.9	31
33	Influence of urbanization on the surface water quality in Guangzhou, China. <i>Wuhan University Journal of Natural Sciences</i> , 2010, 15, 78-84.	0.2	7
34	Particle Swarm Optimization for Long-term Operation of Cascade Hydropower Stations. , 2010, , .		1