

Feilin Zhu

List of Publications by Year in descending order

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37
papers

864
citations

430442

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#	ARTICLE	IF	CITATIONS
1	Robust multiobjective reservoir operation and risk decision-making model for real-time flood control coping with forecast uncertainty. <i>Journal of Hydrology</i> , 2022, 605, 127334.	2.3	22
2	Stochastic generation of runoff series for multiple reservoirs based on generative adversarial networks. <i>Journal of Hydrology</i> , 2022, 605, 127326.	2.3	6
3	Analysis and Forecasting of Wetness-Dryness Encountering of a Multi-Water System Based on a Vine Copula Function-Bayesian Network. <i>Water (Switzerland)</i> , 2022, 14, 1701.	1.2	6
4	Comparison of Transboundary Water Resources Allocation Models Based on Game Theory and Multi-Objective Optimization. <i>Water (Switzerland)</i> , 2021, 13, 1421.	1.2	8
5	Cloud-Based Multidimensional Parallel Dynamic Programming Algorithm for a Cascade Hydropower System. <i>Water Resources Management</i> , 2021, 35, 2705-2721.	1.9	3
6	Spark-based parallel dynamic programming and particle swarm optimization via cloud computing for a large-scale reservoir system. <i>Journal of Hydrology</i> , 2021, 598, 126444.	2.3	20
7	Stochastic programming for floodwater utilization of a complex multi-reservoir system considering risk constraints. <i>Journal of Hydrology</i> , 2021, 599, 126388.	2.3	14
8	Dynamic long-term streamflow probabilistic forecasting model for a multisite system considering real-time forecast updating through spatio-temporal dependent error correction. <i>Journal of Hydrology</i> , 2021, 601, 126666.	2.3	18
9	Reduction of the Criteria System for Identifying Effective Reservoirs in the Joint Operation of a Flood Control System. <i>Water Resources Management</i> , 2020, 34, 71-85.	1.9	2
10	Risk analysis for reservoir flood control operation considering two-dimensional uncertainties based on Bayesian network. <i>Journal of Hydrology</i> , 2020, 589, 125353.	2.3	26
11	Intelligent identification of effective reservoirs based on the random forest classification model. <i>Journal of Hydrology</i> , 2020, 591, 125324.	2.3	10
12	Risk analysis of reservoir floodwater utilization coupling meteorological and hydrological uncertainties. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020, 34, 1507-1521.	1.9	7
13	Multidimensional Parallel Dynamic Programming Algorithm Based on Spark for Large-Scale Hydropower Systems. <i>Water Resources Management</i> , 2020, 34, 3427-3444.	1.9	9
14	Multiobjective stochastic programming with recourses for real-time flood water conservation of a multireservoir system under uncertain forecasts. <i>Journal of Hydrology</i> , 2020, 590, 125513.	2.3	23
15	A coordinated optimization framework for long-term complementary operation of a large-scale hydro-photovoltaic hybrid system: Nonlinear modeling, multi-objective optimization and robust decision-making. <i>Energy Conversion and Management</i> , 2020, 226, 113543.	4.4	33
16	Stochastic multi-criteria decision making based on stepwise weight information for real-time reservoir operation. <i>Journal of Cleaner Production</i> , 2020, 257, 120554.	4.6	17
17	Short-term stochastic optimization of a hydro-wind-photovoltaic hybrid system under multiple uncertainties. <i>Energy Conversion and Management</i> , 2020, 214, 112902.	4.4	59
18	Optimal stochastic scheduling of hydropower-based compensation for combined wind and photovoltaic power outputs. <i>Applied Energy</i> , 2020, 276, 115501.	5.1	29

#	ARTICLE	IF	CITATIONS
19	Identifying long-term effects of using hydropower to complement wind power uncertainty through stochastic programming. <i>Applied Energy</i> , 2019, 253, 113535.	5.1	96
20	Streamflow scenario tree reduction based on conditional Monte Carlo sampling and regularized optimization. <i>Journal of Hydrology</i> , 2019, 577, 123943.	2.3	8
21	Influence of complementing power load uncertainty on the long-term benefits of hydropower operations. <i>Energy Procedia</i> , 2019, 158, 6248-6253.	1.8	1
22	A stochastic multi-criteria decision making framework for robust water resources management under uncertainty. <i>Journal of Hydrology</i> , 2019, 576, 287-298.	2.3	29
23	Water Resources Allocation in Transboundary River Basins Based on a Game Model Considering Inflow Forecasting Errors. <i>Water Resources Management</i> , 2019, 33, 2809-2825.	1.9	12
24	Multi-objective optimization scheduling of wind-photovoltaic-hydropower systems considering riverine ecosystem. <i>Energy Conversion and Management</i> , 2019, 196, 32-43.	4.4	37
25	Risk analysis for real-time flood control operation of a multi-reservoir system using a dynamic Bayesian network. <i>Environmental Modelling and Software</i> , 2019, 111, 409-420.	1.9	61
26	Multi-criteria group decision making under uncertainty: Application in reservoir flood control operation. <i>Environmental Modelling and Software</i> , 2018, 100, 236-251.	1.9	58
27	Evaluation of global climate model on performances of precipitation simulation and prediction in the Huaihe River basin. <i>Theoretical and Applied Climatology</i> , 2018, 133, 191-204.	1.3	16
28	An Optimal Model for Water Resources Risk Hedging Based on Water Option Trading. <i>Water (Switzerland)</i> , 2018, 10, 1026.	1.2	6
29	Risk Analysis for Reservoir Real-Time Optimal Operation Using the Scenario Tree-Based Stochastic Optimization Method. <i>Water (Switzerland)</i> , 2018, 10, 606.	1.2	16
30	A Stochastic Simulation Model for Monthly River Flow in Dry Season. <i>Water (Switzerland)</i> , 2018, 10, 1654.	1.2	5
31	Bargaining Model of Synergistic Revenue Allocation for the Joint Operations of a Multi-Stakeholder Cascade Reservoir System. <i>Water Resources Management</i> , 2018, 32, 4625-4642.	1.9	11
32	Water Resources Allocation in Transboundary River Based on Asymmetric Nash-Harsanyi Leader-Follower Game Model. <i>Water (Switzerland)</i> , 2018, 10, 270.	1.2	32
33	SMAA-based stochastic multi-criteria decision making for reservoir flood control operation. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 1485-1497.	1.9	20
34	Changing of flood risk due to climate and development in Huaihe River basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017, 31, 935-948.	1.9	28
35	Selection of criteria for multi-criteria decision making of reservoir flood control operation. <i>Journal of Hydroinformatics</i> , 2017, 19, 558-571.	1.1	7
36	Real-Time Optimal Flood Control Decision Making and Risk Propagation Under Multiple Uncertainties. <i>Water Resources Research</i> , 2017, 53, 10635-10654.	1.7	70

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37	A multi-criteria decision-making model dealing with correlation among criteria for reservoir flood control operation. <i>Journal of Hydroinformatics</i> , 2016, 18, 531-543.	1.1	39