

Pan Liu

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

161
papers

3,603
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34
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53
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195
ext. papers

4,575
ext. citations

5.1
avg, IF

5.97
L-index

#	Paper	IF	Citations
161	Separating the impacts of climate change and human activities on runoff using the Budyko-type equations with time-varying parameters. <i>Journal of Hydrology</i> , 2015 , 522, 326-338	6	189
160	Dynamic control of flood limited water level for reservoir operation by considering inflow uncertainty. <i>Journal of Hydrology</i> , 2010 , 391, 124-132	6	177
159	Optimal design of seasonal flood limited water levels and its application for the Three Gorges Reservoir. <i>Journal of Hydrology</i> , 2015 , 527, 1045-1053	6	124
158	Optimizing utility-scale photovoltaic power generation for integration into a hydropower reservoir by incorporating long- and short-term operational decisions. <i>Applied Energy</i> , 2017 , 204, 432-445	10.7	115
157	Optimal daily generation scheduling of large hydro-photovoltaic hybrid power plants. <i>Energy Conversion and Management</i> , 2018 , 171, 528-540	10.6	106
156	Derivation of Aggregation-Based Joint Operating Rule Curves for Cascade Hydropower Reservoirs. <i>Water Resources Management</i> , 2011 , 25, 3177-3200	3.7	101
155	Return period and risk analysis of nonstationary low-flow series under climate change. <i>Journal of Hydrology</i> , 2015 , 527, 234-250	6	88
154	Parameter uncertainty analysis of reservoir operating rules based on implicit stochastic optimization. <i>Journal of Hydrology</i> , 2014 , 514, 102-113	6	75
153	Deriving operating rules for a large-scale hydro-photovoltaic power system using implicit stochastic optimization. <i>Journal of Cleaner Production</i> , 2018 , 195, 562-572	10.3	75
152	A reservoir flood forecasting and control system for China / Un syst�me chinois de pr�vision et de contr�le de crue en barrage. <i>Hydrological Sciences Journal</i> , 2004 , 49,	3.5	65
151	Deriving Reservoir Refill Operating Rules by Using the Proposed DPNS Model. <i>Water Resources Management</i> , 2006 , 20, 337-357	3.7	64
150	Robust hydroelectric unit commitment considering integration of large-scale photovoltaic power: A case study in China. <i>Applied Energy</i> , 2018 , 228, 1341-1352	10.7	63
149	Joint Operation of the Multi-Reservoir System of the Three Gorges and the Qingjiang Cascade Reservoirs. <i>Energies</i> , 2011 , 4, 1036-1050	3.1	61
148	Deriving Optimal Refill Rules for Multi-Purpose Reservoir Operation. <i>Water Resources Management</i> , 2011 , 25, 431-448	3.7	61
147	Joint operation and dynamic control of flood limiting water levels for mixed cascade reservoir systems. <i>Journal of Hydrology</i> , 2014 , 519, 248-257	6	59
146	Deriving multiple near-optimal solutions to deterministic reservoir operation problems. <i>Water Resources Research</i> , 2011 , 47,	5.4	58
145	Long-term complementary operation of a large-scale hydro-photovoltaic hybrid power plant using explicit stochastic optimization. <i>Applied Energy</i> , 2019 , 238, 863-875	10.7	57

144	Modeling the nexus across water supply, power generation and environment systems using the system dynamics approach: Hehuang Region, China. <i>Journal of Hydrology</i> , 2016 , 543, 344-359	6	56
143	Joint Operation and Dynamic Control of Flood Limiting Water Levels for Cascade Reservoirs. <i>Water Resources Management</i> , 2013 , 27, 749-763	3.7	55
142	A new seasonal design flood method based on bivariate joint distribution of flood magnitude and date of occurrence. <i>Hydrological Sciences Journal</i> , 2010 , 55, 1264-1280	3.5	55
141	Methodology that improves water utilization and hydropower generation without increasing flood risk in mega cascade reservoirs. <i>Energy</i> , 2018 , 143, 785-796	7.9	54
140	Design Flood Hydrograph Based on Multicharacteristic Synthesis Index Method. <i>Journal of Hydrologic Engineering - ASCE</i> , 2009 , 14, 1359-1364	1.8	50
139	Identifying changing patterns of reservoir operating rules under various inflow alteration scenarios. <i>Advances in Water Resources</i> , 2017 , 104, 23-36	4.7	46
138	Identifying Explicit Formulation of Operating Rules for Multi-Reservoir Systems Using Genetic Programming. <i>Water Resources Management</i> , 2014 , 28, 1545-1565	3.7	44
137	Optimal Operation of Multi-reservoir Systems Considering Time-lags of Flood Routing. <i>Water Resources Management</i> , 2016 , 30, 523-540	3.7	43
136	Evaluating the marginal utility principle for long-term hydropower scheduling. <i>Energy Conversion and Management</i> , 2015 , 106, 213-223	10.6	41
135	Assessing the effects of adaptation measures on optimal water resources allocation under varied water availability conditions. <i>Journal of Hydrology</i> , 2018 , 556, 759-774	6	41
134	Deriving joint optimal refill rules for cascade reservoirs with multi-objective evaluation. <i>Journal of Hydrology</i> , 2015 , 524, 166-181	6	39
133	Hydropower reservoir reoperation to adapt to large-scale photovoltaic power generation. <i>Energy</i> , 2019 , 179, 268-279	7.9	36
132	A Bayesian model averaging method for the derivation of reservoir operating rules. <i>Journal of Hydrology</i> , 2015 , 528, 276-285	6	36
131	A two-stage method of quantitative flood risk analysis for reservoir real-time operation using ensemble-based hydrologic forecasts. <i>Stochastic Environmental Research and Risk Assessment</i> , 2015 , 29, 803-813	3.5	36
130	Multi-step wind speed prediction by combining a WRF simulation and an error correction strategy. <i>Renewable Energy</i> , 2021 , 163, 772-782	8.1	36
129	Multiobjective reservoir operating rules based on cascade reservoir input variable selection method. <i>Water Resources Research</i> , 2017 , 53, 3446-3463	5.4	35
128	Reservoir Storage Curve Estimation Based on Remote Sensing Data. <i>Journal of Hydrologic Engineering - ASCE</i> , 2006 , 11, 165-172	1.8	34
127	Improving Optimization Efficiency for Reservoir Operation Using a Search Space Reduction Method. <i>Water Resources Management</i> , 2017 , 31, 1173-1190	3.7	33

126	Deriving Operating Rules of Pumped Water Storage Using Multiobjective Optimization: Case Study of the Han to Wei Interbasin Water Transfer Project, China. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017 , 143, 05017012	2.8	33
125	Robust stochastic optimization for reservoir operation. <i>Water Resources Research</i> , 2015 , 51, 409-429	5.4	32
124	Finding Multiple Optimal Solutions to Optimal Load Distribution Problem in Hydropower Plant. <i>Energies</i> , 2012 , 5, 1413-1432	3.1	31
123	A new method for identification of flood seasons using directional statistics. <i>Hydrological Sciences Journal</i> , 2013 , 58, 28-40	3.5	30
122	Economic operation of a wind-solar-hydro complementary system considering risks of output shortage, power curtailment and spilled water. <i>Applied Energy</i> , 2021 , 290, 116805	10.7	30
121	Ecological flow considered multi-objective storage energy operation chart optimization of large-scale mixed reservoirs. <i>Journal of Hydrology</i> , 2019 , 577, 123949	6	29
120	Does the Hook Structure Constrain Future Flood Intensification Under Anthropogenic Climate Warming?. <i>Water Resources Research</i> , 2021 , 57, e2020WR028491	5.4	29
119	Deriving adaptive operating rules of hydropower reservoirs using time-varying parameters generated by the EnKF. <i>Water Resources Research</i> , 2017 , 53, 6885-6907	5.4	28
118	An objective method for partitioning the entire flood season into multiple sub-seasons. <i>Journal of Hydrology</i> , 2015 , 528, 621-630	6	27
117	Temporal variation and scaling of parameters for a monthly hydrologic model. <i>Journal of Hydrology</i> , 2018 , 558, 290-300	6	27
116	Runoff Responses to Climate and Land Use/Cover Changes under Future Scenarios. <i>Water (Switzerland)</i> , 2017 , 9, 475	3	27
115	A new baseflow separation method based on analytical solutions of the Horton infiltration capacity curve. <i>Hydrological Processes</i> , 2007 , 21, 1719-1736	3.3	27
114	Links between flood frequency and annual water balance behaviors: A basis for similarity and regionalization. <i>Water Resources Research</i> , 2014 , 50, 937-953	5.4	25
113	Flood season segmentation based on the probability change-point analysis technique. <i>Hydrological Sciences Journal</i> , 2010 , 55, 540-554	3.5	25
112	Identifying time-varying hydrological model parameters to improve simulation efficiency by the ensemble Kalman filter: A joint assimilation of streamflow and actual evapotranspiration. <i>Journal of Hydrology</i> , 2019 , 568, 758-768	6	24
111	Assessing the weighted multi-objective adaptive surrogate model optimization to derive large-scale reservoir operating rules with sensitivity analysis. <i>Journal of Hydrology</i> , 2017 , 544, 613-627	6	23
110	Error correction-based forecasting of reservoir water levels: Improving accuracy over multiple lead times. <i>Environmental Modelling and Software</i> , 2018 , 104, 27-39	5.2	23
109	A Semi-Distributed Monthly Water Balance Model and its Application in a Climate Change Impact Study in the Middle and Lower Yellow River Basin. <i>Water International</i> , 2005 , 30, 250-260	2.4	23

108	Identification of hydrological model parameter variation using ensemble Kalman filter. <i>Hydrology and Earth System Sciences</i> , 2016 , 20, 4949-4961	5.5	23
107	Multiobjective Cascade Reservoir Operation Rules and Uncertainty Analysis Based on PA-DDS Algorithm. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2017 , 143, 04017025	2.8	22
106	Optimal Design of Seasonal Flood Limited Water Levels by Jointing Operation of the Reservoir and Floodplains. <i>Water Resources Management</i> , 2018 , 32, 179-193	3.7	21
105	Integrated Hydrologic and Reservoir Routing Model for Real-Time Water Level Forecasts. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015 , 20, 05014032	1.8	20
104	Estimation of nonfluctuating reservoir inflow from water level observations using methods based on flow continuity. <i>Journal of Hydrology</i> , 2015 , 529, 1198-1210	6	20
103	Derivation of water and power operating rules for multi-reservoirs. <i>Hydrological Sciences Journal</i> , 2016 , 61, 359-370	3.5	20
102	A back-fitting algorithm to improve real-time flood forecasting. <i>Journal of Hydrology</i> , 2018 , 562, 140-150	3.1	20
101	Reservoir adaptive operating rules based on both of historical streamflow and future projections. <i>Journal of Hydrology</i> , 2017 , 553, 691-707	6	20
100	Non-identical models for seasonal flood frequency analysis. <i>Hydrological Sciences Journal</i> , 2007 , 52, 974-991	3.9	20
99	Robust operation interval of a large-scale hydro-photovoltaic power system to cope with emergencies. <i>Applied Energy</i> , 2021 , 290, 116612	10.7	19
98	The Dynamic Control Bound of Flood Limited Water Level Considering Capacity Compensation Regulation and Flood Spatial Pattern Uncertainty. <i>Water Resources Management</i> , 2017 , 31, 143-158	3.7	17
97	Incorporating reservoir impacts into flood frequency distribution functions. <i>Journal of Hydrology</i> , 2019 , 568, 234-246	6	17
96	A novel method for deriving reservoir operating rules based on flood classification-aggregation-decomposition. <i>Journal of Hydrology</i> , 2019 , 568, 722-734	6	17
95	Multi-site evaluation to reduce parameter uncertainty in a conceptual hydrological modeling within the GLUE framework. <i>Journal of Hydroinformatics</i> , 2014 , 16, 60-73	2.6	16
94	Evaluation of Estimation of Distribution Algorithm to Calibrate Computationally Intensive Hydrologic Model. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016 , 21, 04016012	1.8	15
93	Real-time reservoir flood control operation for cascade reservoirs using a two-stage flood risk analysis method. <i>Journal of Hydrology</i> , 2019 , 577, 123954	6	15
92	Hybrid Two-Stage Stochastic Methods Using Scenario-Based Forecasts for Reservoir Refill Operations. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018 , 144, 04018080	2.8	15
91	Solving hydro unit commitment problems with multiple hydraulic heads based on a two-layer nested optimization method. <i>Renewable Energy</i> , 2021 , 172, 317-326	8.1	14

90	Reducing uncertainty of design floods of two-component mixture distributions by utilizing flood timescale to classify flood types in seasonally snow covered region. <i>Journal of Hydrology</i> , 2019 , 574, 588-608	6	13
89	Modelling time-variant parameters of a two-parameter monthly water balance model. <i>Journal of Hydrology</i> , 2019 , 573, 918-936	6	13
88	Reducing lake water-level decline by optimizing reservoir operating rule curves: A case study of the Three Gorges Reservoir and the Dongting Lake. <i>Journal of Cleaner Production</i> , 2020 , 264, 121676	10.3	13
87	Conditional Value-at-Risk for Nonstationary Streamflow and Its Application for Derivation of the Adaptive Reservoir Flood Limited Water Level. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2018 , 144, 04018005	2.8	13
86	The impact of Three Gorges Reservoir refill operation on water levels in Poyang Lake, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2017 , 31, 879-891	3.5	12
85	Daily Runoff Forecasting Model Based on ANN and Data Preprocessing Techniques. <i>Water (Switzerland)</i> , 2015 , 7, 4144-4160	3	12
84	Derivation of low flow frequency distributions under human activities and its implications. <i>Journal of Hydrology</i> , 2017 , 549, 294-300	6	11
83	Decadal variation in CO ₂ fluxes and its budget in a wheat and maize rotation cropland over the North China Plain. <i>Biogeosciences</i> , 2020 , 17, 2245-2262	4.6	11
82	A general framework of design flood estimation for cascade reservoirs in operation period. <i>Journal of Hydrology</i> , 2019 , 577, 124003	6	11
81	Reservoir ecological operation considering outflow variations across different time scales. <i>Ecological Indicators</i> , 2021 , 125, 107582	5.8	11
80	Using raw regional climate model outputs for quantifying climate change impacts on hydrology. <i>Hydrological Processes</i> , 2017 , 31, 4398-4413	3.3	10
79	Adapting reservoir operations to the nexus across water supply, power generation, and environment systems: An explanatory tool for policy makers. <i>Journal of Hydrology</i> , 2019 , 574, 257-275	6	10
78	Integration and Evaluation of Forecast-Informed Multiobjective Reservoir Operations. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020 , 146, 04020038	2.8	10
77	Comparison of spatial interpolation methods for the estimation of precipitation patterns at different time scales to improve the accuracy of discharge simulations 2020 , 51, 583-601		10
76	An integrated framework for optimizing large hydrophotovoltaic hybrid energy systems: Capacity planning and operations management. <i>Journal of Cleaner Production</i> , 2021 , 306, 127253	10.3	10
75	Derivation of Hydropower Rules for Multireservoir Systems and Its Application for Optimal Reservoir Storage Allocation. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2019 , 145, 04019010	2.8	9
74	Flood Frequency Analysis Using Halphen Distribution and Maximum Entropy. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018 , 23, 04018012	1.8	9
73	Characterization of rainstorm modes along the upper mainstream of Yangtze River during 2003-2016. <i>International Journal of Climatology</i> , 2018 , 38, 1976-1988	3.5	9

72	Relating anomaly correlation to lead time: Clustering analysis of CFSv2 forecasts of summer precipitation in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 9094-9106	4.4	9
71	Quantitative assessment of adaptive measures on optimal water resources allocation by using reliability, resilience, vulnerability indicators. <i>Stochastic Environmental Research and Risk Assessment</i> , 2020 , 34, 103-119	3.5	9
70	A method for investigating the relative importance of three components in overall uncertainty of climate projections. <i>International Journal of Climatology</i> , 2019 , 39, 1853-1871	3.5	9
69	Operating rules of irrigation reservoir under climate change and its application for the Dongwushi Reservoir in China. <i>Journal of Hydro-Environment Research</i> , 2017 , 16, 34-44	2.3	8
68	Climatic control of upper Yangtze River flood hazard diminished by reservoir groups. <i>Environmental Research Letters</i> , 2020 , 15, 124013	6.2	8
67	Improving Runoff Prediction Using Remotely Sensed Actual Evapotranspiration during Rainless Periods. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019 , 24, 04019050	1.8	7
66	Determining dynamic water level control boundaries for a multi-reservoir system during flood seasons with considering channel storage. <i>Journal of Flood Risk Management</i> , 2020 , 13, e12586	3.1	7
65	Deriving Optimal Operating Rules of a Multi-Reservoir System Considering Incremental Multi-Agent Benefit Allocation. <i>Water Resources Management</i> , 2018 , 32, 3629-3645	3.7	7
64	Adaptive reservoir flood limited water level for a changing environment. <i>Environmental Earth Sciences</i> , 2017 , 76, 1	2.9	7
63	Quantifying the impacts of land-cover changes on global evapotranspiration based on the continuous remote sensing observations during 1982-2016. <i>Journal of Hydrology</i> , 2021 , 598, 126231	6	7
62	Considering the Order and Symmetry to Improve the Traditional RVA for Evaluation of Hydrologic Alteration of River Systems. <i>Water Resources Management</i> , 2016 , 30, 5501-5516	3.7	7
61	Hybrid generation of renewables increases the energy system's robustness in a changing climate. <i>Journal of Cleaner Production</i> , 2021 , 324, 129205	10.3	7
60	Relating Anomaly Correlation to Lead Time: Principal Component Analysis of NMME Forecasts of Summer Precipitation in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 6039-6052	4.4	6
59	Improving hydrological projection performance under contrasting climatic conditions using spatial coherence through a hierarchical Bayesian regression framework. <i>Hydrology and Earth System Sciences</i> , 2019 , 23, 3405-3421	5.5	6
58	Impacts of Water Resources Allocation on Water Environmental Capacity under Climate Change. <i>Water (Switzerland)</i> , 2021 , 13, 1187	3	6
57	Variability of spatial patterns of autocorrelation and heterogeneity embedded in precipitation 2019 , 50, 215-230		6
56	A time-varying parameter estimation approach using split-sample calibration based on dynamic programming. <i>Hydrology and Earth System Sciences</i> , 2021 , 25, 711-733	5.5	6
55	Heuristic Input Variable Selection in Multi-Objective Reservoir Operation. <i>Water Resources Management</i> , 2020 , 34, 617-636	3.7	5

54	Derivation of operating rule curves for cascade hydropower reservoirs considering the spot market: A case study of the China's Qing River cascade-reservoir system. <i>Renewable Energy</i> , 2021 , 182, 1028-1028	8.1	5
53	Physics-guided deep learning for rainfall-runoff modeling by considering extreme events and monotonic relationships. <i>Journal of Hydrology</i> , 2021 , 603, 127043	6	5
52	Verification of a New Spatial Distribution Function of Soil Water Storage Capacity Using Conceptual and SWAT Models. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020 , 25, 04020001	1.8	5
51	Evaluation of baseflow modelling structure in monthly water balance models using 443 Australian catchments. <i>Journal of Hydrology</i> , 2020 , 591, 125572	6	5
50	Stimulate hydropower output of mega cascade reservoirs using an improved Kidney Algorithm. <i>Journal of Cleaner Production</i> , 2020 , 244, 118613	10.3	5
49	Identification of spatially distributed parameters of hydrological models using the dimension-adaptive key grid calibration strategy. <i>Journal of Hydrology</i> , 2021 , 598, 125772	6	5
48	Identification of flood seasonality using an entropy-based method. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 3021-3035	3.5	5
47	Optimizing the Reservoir Operation for Hydropower Generation by Using the Flexibility Index to Consider Inflow Uncertainty. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021 , 147, 06021008	2.8	5
46	Multicriteria Decision-Making Model of Reservoir Operation Considering Balanced Applicability in Past and Future: Application to the Three Gorges Reservoir. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020 , 146, 04020033	2.8	4
45	Evaluation of flood season segmentation using seasonal exceedance probability measurement after outlier identification in the Three Gorges Reservoir. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018 , 32, 1573-1586	3.5	4
44	Understanding the Resilience of Soil Moisture Regimes. <i>Water Resources Research</i> , 2019 , 55, 7541-7563	5.4	4
43	Reducing the uncertainty of time-varying hydrological model parameters using spatial coherence within a hierarchical Bayesian framework. <i>Journal of Hydrology</i> , 2019 , 577, 123927	6	4
42	Spillways Scheduling for Flood Control of Three Gorges Reservoir Using Mixed Integer Linear Programming Model. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-9	1.1	4
41	The influence of a prolonged meteorological drought on catchment water storage capacity: a hydrological-model perspective. <i>Hydrology and Earth System Sciences</i> , 2020 , 24, 4369-4387	5.5	4
40	Considering different streamflow forecast horizons in the quantitative flood risk analysis for a multi-reservoir system. <i>Reliability Engineering and System Safety</i> , 2020 , 204, 107128	6.3	4
39	Real-time reservoir flood control operation enhanced by data assimilation. <i>Journal of Hydrology</i> , 2021 , 598, 126426	6	4
38	Sizing utility-scale photovoltaic power generation for integration into a hydropower plant considering the effects of climate change: a case study in the Longyangxia of China. <i>Energy</i> , 2021 , 121519	7.9	4
37	Identifying the Relationship between Assignments of Scenario Weights and their Positions in the Derivation of Reservoir Operating Rules under Climate Change. <i>Water Resources Management</i> , 2019 , 33, 261-279	3.7	4

36	An Analytical Baseflow Coefficient Curve for Depicting the Spatial Variability of Mean Annual Catchment Baseflow. <i>Water Resources Research</i> , 2021 , 57, e2020WR029529	5.4	4
35	Deriving adaptive long-term complementary operating rules for a large-scale hydro-photovoltaic hybrid power plant using ensemble Kalman filter. <i>Applied Energy</i> , 2021 , 301, 117482	10.7	4
34	Deriving pack rules for hydro-photovoltaic hybrid power systems considering diminishing marginal benefit of energy. <i>Applied Energy</i> , 2021 , 304, 117858	10.7	4
33	Comparison of First-Order and Second-Order Derived Moment Approaches in Estimating Annual Runoff Distribution. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018 , 23, 04018034	1.8	3
32	Diagnosing structural deficiencies of a hydrological model by time-varying parameters. <i>Journal of Hydrology</i> , 2022 , 605, 127305	6	3
31	Stochastic short-term scheduling of a wind-solar-hydro complementary system considering both the day-ahead market bidding and bilateral contracts decomposition. <i>International Journal of Electrical Power and Energy Systems</i> , 2022 , 138, 107904	5.1	3
30	A Climatic Perspective on the Impacts of Global Warming on Water Cycle of Cold Mountainous Catchments in the Tibetan Plateau: A Case Study in Yarlung Zangbo River Basin. <i>Water (Switzerland)</i> , 2020 , 12, 2338	3	3
29	Resilience analysis of the nexus across water supply, power generation and environmental systems from a stochastic perspective. <i>Journal of Environmental Management</i> , 2021 , 289, 112513	7.9	3
28	Improving efficiencies of flood forecasting during lead times: an operational method and its application in the Baiyunshan Reservoir 2019 , 50, 709-724		2
27	Estimation of reservoir inflow with significant lateral inflow by using the adjoint equation method. <i>Journal of Hydrology</i> , 2019 , 574, 360-372	6	2
26	Evaluating the Effect of Transpiration in Hydrologic Model Simulation through Parameter Calibration. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020 , 25, 04020007	1.8	2
25	A real-time operation of the Three Gorges Reservoir with flood risk analysis. <i>Water Science and Technology: Water Supply</i> , 2016 , 16, 551-562	1.4	2
24	Optimal Operation of Cascade Hydropower Plants 2009 ,		2
23	Identifying effective operating rules for large hydro-solar-wind hybrid systems based on an implicit stochastic optimization framework. <i>Energy</i> , 2022 , 245, 123260	7.9	2
22	Joint Optimization of Forward Contract and Operating Rules for Cascade Hydropower Reservoirs. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022 , 148,	2.8	2
21	Identifying the functional form of operating rules for hydro-photovoltaic hybrid power systems. <i>Energy</i> , 2022 , 243, 123027	7.9	2
20	Identification of hydrological model parameters variation using ensemble Kalman filter		2
19	Network analysis of the food-energy-water nexus in China's Yangtze River Economic Belt from a synergetic perspective. <i>Environmental Research Letters</i> , 2021 , 16, 054001	6.2	2

18	Sensitivity of Forecast Value in Multiobjective Reservoir Operation to Forecast Lead Time and Reservoir Characteristics. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2021 , 147,	2.8	2
17	Reservoir ecological operation by quantifying outflow disturbance to aquatic community dynamics. <i>Environmental Research Letters</i> , 2021 , 16, 074005	6.2	2
16	The temporal variations in runoff-generation parameters of the Xinanjiang model due to human activities: A case study in the upper Yangtze River Basin, China. <i>Journal of Hydrology: Regional Studies</i> , 2021 , 37, 100910	3.6	2
15	Identifying the effect of forecast uncertainties on hybrid power system operation: A case study of Longyangxia hydrophotovoltaic plant in China. <i>Renewable Energy</i> , 2021 , 178, 1303-1321	8.1	2
14	Effect of GCM credibility on water resource system robustness under climate change based on decision scaling. <i>Advances in Water Resources</i> , 2021 , 158, 104063	4.7	1
13	A modified GreenAmpt model for water infiltration and preferential flow 2016 , 47, 1172-1181		1
12	The Dependence of Ecosystem Water Use Partitioning on Vegetation Productivity at the Inter-Annual Time Scale. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033756	4.4	1
11	Improving complementarity of a hybrid renewable energy system to meet load demand by using hydropower regulation ability. <i>Energy</i> , 2022 , 248, 123535	7.9	1
10	Deriving reservoir operating rules considering ecological demands of multiple stations. <i>Water Management</i> , 1-14	1	0
9	Integrating teleconnection factors into long-term complementary operating rules for hybrid power systems: A case study of Longyangxia hydro-photovoltaic plant in China. <i>Renewable Energy</i> , 2022 , 186, 517-534	8.1	0
8	Land surface models significantly underestimate the impact of land-use changes on global evapotranspiration. <i>Environmental Research Letters</i> , 2021 , 16, 124047	6.2	0
7	When to start an adaptation strategy in response to climate change in reservoir system management. <i>Journal of Hydrology</i> , 2021 , 603, 127111	6	0
6	A varying comprehensive hydropower coefficient for medium/long-term operation of a single reservoir 2020 , 51, 686-698		0
5	Detecting and attributing drought-induced changes in catchment hydrological behaviours in a southeastern Australia catchment using a data assimilation method. <i>Hydrological Processes</i> , 2021 , 35, e14289	3.3	0
4	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	10.3	0
3	A new joint optimization method for design and operation of multi-reservoir system considering the conditional value-at-risk. <i>Journal of Hydrology</i> , 2022 , 610, 127946	6	0
2	Extracting operation behaviors of cascade reservoirs using physics-guided long-short term memory networks. <i>Journal of Hydrology: Regional Studies</i> , 2022 , 40, 101034	3.6	
1	Operations management of large hydroPV hybrid power plants: case studies in China 2022 , 439-502		

