

# Pan Liu

## List of Publications by Year in descending order

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165  
papers

5,564  
citations

70961

41  
h-index

106150

65  
g-index

195  
all docs

195  
docs citations

195  
times ranked

2833  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.3	249
2	Dynamic control of flood limited water level for reservoir operation by considering inflow uncertainty. <i>Journal of Hydrology</i> , 2010, 391, 124-132.	2.3	221
3	Optimal daily generation scheduling of large hydro-photovoltaic hybrid power plants. <i>Energy Conversion and Management</i> , 2018, 171, 528-540.	4.4	180
4	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.	2.3	168
5	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.	5.1	166
6	Derivation of Aggregation-Based Joint Operating Rule Curves for Cascade Hydropower Reservoirs. <i>Water Resources Management</i> , 2011, 25, 3177-3200.	1.9	120
7	Return period and risk analysis of nonstationary low-flow series under climate change. <i>Journal of Hydrology</i> , 2015, 527, 234-250.	2.3	113
8	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.	4.6	113
9	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.	5.1	109
10	Robust hydroelectric unit commitment considering integration of large-scale photovoltaic power: A case study in China. <i>Applied Energy</i> , 2018, 228, 1341-1352.	5.1	103
11	Multi-step wind speed prediction by combining a WRF simulation and an error correction strategy. <i>Renewable Energy</i> , 2021, 163, 772-782.	4.3	103
12	Parameter uncertainty analysis of reservoir operating rules based on implicit stochastic optimization. <i>Journal of Hydrology</i> , 2014, 514, 102-113.	2.3	87
13	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.	5.1	81
14	Does the Hook Structure Constrain Future Flood Intensification Under Anthropogenic Climate Warming?. <i>Water Resources Research</i> , 2021, 57, e2020WR028491.	1.7	78
15	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.	2.3	77
16	Methodology that improves water utilization and hydropower generation without increasing flood risk in mega cascade reservoirs. <i>Energy</i> , 2018, 143, 785-796.	4.5	77
17	Joint operation and dynamic control of flood limiting water levels for mixed cascade reservoir systems. <i>Journal of Hydrology</i> , 2014, 519, 248-257.	2.3	76
18	Hydropower reservoir reoperation to adapt to large-scale photovoltaic power generation. <i>Energy</i> , 2019, 179, 268-279.	4.5	73

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19	A reservoir flood forecasting and control system for China / Un syst�me chinois de pr�vision et de contr�le de crue en barrage. Hydrological Sciences Journal, 2004, 49, .	1.2	72
20	Deriving Reservoir Refill Operating Rules by Using the Proposed DPNS Model. Water Resources Management, 2006, 20, 337-357.	1.9	71
21	Deriving Optimal Refill Rules for Multi-Purpose Reservoir Operation. Water Resources Management, 2011, 25, 431-448.	1.9	71
22	Joint Operation of the Multi-Reservoir System of the Three Gorges and the Qingjiang Cascade Reservoirs. Energies, 2011, 4, 1036-1050.	1.6	69
23	Joint Operation and Dynamic Control of Flood Limiting Water Levels for Cascade Reservoirs. Water Resources Management, 2013, 27, 749-763.	1.9	67
24	A new seasonal design flood method based on bivariate joint distribution of flood magnitude and date of occurrence. Hydrological Sciences Journal, 2010, 55, 1264-1280.	1.2	65
25	Deriving multiple near-optimal solutions to deterministic reservoir operation problems. Water Resources Research, 2011, 47, .	1.7	65
26	Design Flood Hydrograph Based on Multicharacteristic Synthesis Index Method. Journal of Hydrologic Engineering - ASCE, 2009, 14, 1359-1364.	0.8	64
27	Assessing the effects of adaptation measures on optimal water resources allocation under varied water availability conditions. Journal of Hydrology, 2018, 556, 759-774.	2.3	64
28	Optimal Operation of Multi-reservoir Systems Considering Time-lags of Flood Routing. Water Resources Management, 2016, 30, 523-540.	1.9	61
29	Evaluating the marginal utility principle for long-term hydropower scheduling. Energy Conversion and Management, 2015, 106, 213-223.	4.4	52
30	Identifying changing patterns of reservoir operating rules under various inflow alteration scenarios. Advances in Water Resources, 2017, 104, 23-36.	1.7	52
31	Identifying time-varying hydrological model parameters to improve simulation efficiency by the ensemble Kalman filter: A joint assimilation of streamflow and actual evapotranspiration. Journal of Hydrology, 2019, 568, 758-768.	2.3	52
32	Ecological flow considered multi-objective storage energy operation chart optimization of large-scale mixed reservoirs. Journal of Hydrology, 2019, 577, 123949.	2.3	50
33	Physics-guided deep learning for rainfall-runoff modeling by considering extreme events and monotonic relationships. Journal of Hydrology, 2021, 603, 127043.	2.3	49
34	Multiobjective reservoir operating rules based on cascade reservoir input variable selection method. Water Resources Research, 2017, 53, 3446-3463.	1.7	46
35	Deriving Operating Rules of Pumped Water Storage Using Multiobjective Optimization: Case Study of the Han to Wei Interbasin Water Transfer Project, China. Journal of Water Resources Planning and Management - ASCE, 2017, 143, .	1.3	46
36	Long-range precipitation forecast based on multipole and preceding fluctuations of sea surface temperature. International Journal of Climatology, 2022, 42, 8024-8039.	1.5	46

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37	Identifying Explicit Formulation of Operating Rules for Multi-Reservoir Systems Using Genetic Programming. <i>Water Resources Management</i> , 2014, 28, 1545-1565.	1.9	45
38	Deriving joint optimal refill rules for cascade reservoirs with multi-objective evaluation. <i>Journal of Hydrology</i> , 2015, 524, 166-181.	2.3	45
39	Reservoir Storage Curve Estimation Based on Remote Sensing Data. <i>Journal of Hydrologic Engineering - ASCE</i> , 2006, 11, 165-172.	0.8	44
40	Robust stochastic optimization for reservoir operation. <i>Water Resources Research</i> , 2015, 51, 409-429.	1.7	43
41	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.	1.9	43
42	Improving Optimization Efficiency for Reservoir Operation Using a Search Space Reduction Method. <i>Water Resources Management</i> , 2017, 31, 1173-1190.	1.9	43
43	Runoff Responses to Climate and Land Use/Cover Changes under Future Scenarios. <i>Water (Switzerland)</i> , 2017, 9, 475.	1.2	43
44	A Bayesian model averaging method for the derivation of reservoir operating rules. <i>Journal of Hydrology</i> , 2015, 528, 276-285.	2.3	42
45	Deriving adaptive operating rules of hydropower reservoirs using time-varying parameters generated by the $EKF$ . <i>Water Resources Research</i> , 2017, 53, 6885-6907.	1.7	42
46	A new method for identification of flood seasons using directional statistics. <i>Hydrological Sciences Journal</i> , 2013, 58, 28-40.	1.2	41
47	Finding Multiple Optimal Solutions to Optimal Load Distribution Problem in Hydropower Plant. <i>Energies</i> , 2012, 5, 1413-1432.	1.6	37
48	Links between flood frequency and annual water balance behaviors: A basis for similarity and regionalization. <i>Water Resources Research</i> , 2014, 50, 937-953.	1.7	37
49	A new baseflow separation method based on analytical solutions of the Horton infiltration capacity curve. <i>Hydrological Processes</i> , 2007, 21, 1719-1736.	1.1	36
50	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.	1.9	35
51	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.	2.3	35
52	Robust operation interval of a large-scale hydro-photovoltaic power system to cope with emergencies. <i>Applied Energy</i> , 2021, 290, 116612.	5.1	35
53	Temporal variation and scaling of parameters for a monthly hydrologic model. <i>Journal of Hydrology</i> , 2018, 558, 290-300.	2.3	34
54	A back-fitting algorithm to improve real-time flood forecasting. <i>Journal of Hydrology</i> , 2018, 562, 140-150.	2.3	34

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55	Flood season segmentation based on the probability change-point analysis technique. <i>Hydrological Sciences Journal</i> , 2010, 55, 540-554.	1.2	33
56	An objective method for partitioning the entire flood season into multiple sub-seasons. <i>Journal of Hydrology</i> , 2015, 528, 621-630.	2.3	33
57	Identification of hydrological model parameter variation using ensemble Kalman filter. <i>Hydrology and Earth System Sciences</i> , 2016, 20, 4949-4961.	1.9	33
58	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.	0.4	32
59	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.	2.3	32
60	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.	2.3	32
61	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.	1.9	31
62	Error correction-based forecasting of reservoir water levels: Improving accuracy over multiple lead times. <i>Environmental Modelling and Software</i> , 2018, 104, 27-39.	1.9	31
63	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.	4.3	30
64	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, .	1.3	29
65	Quantifying the impacts of land-cover changes on global evapotranspiration based on the continuous remote sensing observations during 1982â€“2016. <i>Journal of Hydrology</i> , 2021, 598, 126231.	2.3	29
66	Integrated Hydrologic and Reservoir Routing Model for Real-Time Water Level Forecasts. <i>Journal of Hydrologic Engineering - ASCE</i> , 2015, 20, .	0.8	28
67	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.	3.3	27
68	Reservoir adaptive operating rules based on both of historical streamflow and future projections. <i>Journal of Hydrology</i> , 2017, 553, 691-707.	2.3	26
69	A novel method for deriving reservoir operating rules based on flood classification-aggregation-decomposition. <i>Journal of Hydrology</i> , 2019, 568, 722-734.	2.3	26
70	Decadal variation in CO <sub>2</sub> fluxes and its budget in a wheat and maize rotation cropland over the North China Plain. <i>Biogeosciences</i> , 2020, 17, 2245-2262.	1.3	26
71	Hybrid generation of renewables increases the energy system's robustness in a changing climate. <i>Journal of Cleaner Production</i> , 2021, 324, 129205.	4.6	26
72	Incorporating reservoir impacts into flood frequency distribution functions. <i>Journal of Hydrology</i> , 2019, 568, 234-246.	2.3	25

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73	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.	4.6	25
74	Derivation of water and power operating rules for multi-reservoirs. <i>Hydrological Sciences Journal</i> , 2016, 61, 359-370.	1.2	24
75	A general framework of design flood estimation for cascade reservoirs in operation period. <i>Journal of Hydrology</i> , 2019, 577, 124003.	2.3	24
76	Modelling time-variant parameters of a two-parameter monthly water balance model. <i>Journal of Hydrology</i> , 2019, 573, 918-936.	2.3	24
77	Estimation of nonfluctuating reservoir inflow from water level observations using methods based on flow continuity. <i>Journal of Hydrology</i> , 2015, 529, 1198-1210.	2.3	23
78	Reservoir ecological operation considering outflow variations across different time scales. <i>Ecological Indicators</i> , 2021, 125, 107582.	2.6	23
79	An integrated framework for optimizing large hydroâ€“photovoltaic hybrid energy systems: Capacity planning and operations management. <i>Journal of Cleaner Production</i> , 2021, 306, 127253.	4.6	23
80	Non-identical models for seasonal flood frequency analysis. <i>Hydrological Sciences Journal</i> , 2007, 52, 974-991.	1.2	22
81	Improved Understanding of How Catchment Properties Control Hydrological Partitioning Through Machine Learning. <i>Water Resources Research</i> , 2022, 58, .	1.7	22
82	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.	1.9	21
83	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, .	1.3	21
84	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.	2.3	21
85	Identifying effective operating rules for large hydroâ€“solarâ€“wind hybrid systems based on an implicit stochastic optimization framework. <i>Energy</i> , 2022, 245, 123260.	4.5	21
86	Improving complementarity of a hybrid renewable energy system to meet load demand by using hydropower regulation ability. <i>Energy</i> , 2022, 248, 123535.	4.5	20
87	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.	1.1	19
88	Daily Runoff Forecasting Model Based on ANN and Data Preprocessing Techniques. <i>Water (Switzerland)</i> , 2015, 7, 4144-4160.	1.2	19
89	Evaluation of Estimation of Distribution Algorithm to Calibrate Computationally Intensive Hydrologic Model. <i>Journal of Hydrologic Engineering - ASCE</i> , 2016, 21, .	0.8	19
90	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.	1.9	19

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91	Comparison of spatial interpolation methods for the estimation of precipitation patterns at different time scales to improve the accuracy of discharge simulations. <i>Hydrology Research</i> , 2020, 51, 583-601.	1.1	19
92	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> , 2022, 182, 1028-1038.	4.3	19
93	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, .	1.3	18
94	Integration and Evaluation of Forecast-Informed Multiobjective Reservoir Operations. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2020, 146, .	1.3	17
95	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.	1.9	17
96	Using raw regional climate model outputs for quantifying climate change impacts on hydrology. <i>Hydrological Processes</i> , 2017, 31, 4398-4413.	1.1	16
97	Evaluation of baseflow modelling structure in monthly water balance models using 443 Australian catchments. <i>Journal of Hydrology</i> , 2020, 591, 125572.	2.3	16
98	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, 236, 121519.	4.5	16
99	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.	1.5	15
100	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.	1.9	15
101	Identifying the effect of forecast uncertainties on hybrid power system operation: A case study of Longyangxia hydro-photovoltaic plant in China. <i>Renewable Energy</i> , 2021, 178, 1303-1321.	4.3	14
102	Identifying the functional form of operating rules for hydro-photovoltaic hybrid power systems. <i>Energy</i> , 2022, 243, 123027.	4.5	14
103	Derivation of low flow frequency distributions under human activities and its implications. <i>Journal of Hydrology</i> , 2017, 549, 294-300.	2.3	13
104	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.	1.6	13
105	Identification of spatially distributed parameters of hydrological models using the dimension-adaptive key grid calibration strategy. <i>Journal of Hydrology</i> , 2021, 598, 125772.	2.3	13
106	Real-time reservoir flood control operation enhanced by data assimilation. <i>Journal of Hydrology</i> , 2021, 598, 126426.	2.3	13
107	An Analytical Baseflow Coefficient Curve for Depicting the Spatial Variability of Mean Annual Catchment Baseflow. <i>Water Resources Research</i> , 2021, 57, e2020WR029529.	1.7	13
108	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.	5.1	13

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109	Climatic control of upper Yangtze River flood hazard diminished by reservoir groups. <i>Environmental Research Letters</i> , 2020, 15, 124013.	2.2	13
110	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.	1.0	12
111	Characterization of rainstorm modes along the upper mainstream of Yangtze River during 2003â€“2016. <i>International Journal of Climatology</i> , 2018, 38, 1976-1988.	1.5	12
112	Variability of spatial patterns of autocorrelation and heterogeneity embedded in precipitation. <i>Hydrology Research</i> , 2019, 50, 215-230.	1.1	12
113	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.	5.1	12
114	Flood Frequency Analysis Using Halphen Distribution and Maximum Entropy. <i>Journal of Hydrologic Engineering - ASCE</i> , 2018, 23, 04018012.	0.8	11
115	Identification of flood seasonality using an entropy-based method. <i>Stochastic Environmental Research and Risk Assessment</i> , 2018, 32, 3021-3035.	1.9	11
116	Improving Runoff Prediction Using Remotely Sensed Actual Evapotranspiration during Rainless Periods. <i>Journal of Hydrologic Engineering - ASCE</i> , 2019, 24, 04019050.	0.8	11
117	Impacts of Water Resources Allocation on Water Environmental Capacity under Climate Change. <i>Water (Switzerland)</i> , 2021, 13, 1187.	1.2	11
118	Diagnosing structural deficiencies of a hydrological model by time-varying parameters. <i>Journal of Hydrology</i> , 2022, 605, 127305.	2.3	11
119	Adaptive reservoir flood limited water level for a changing environment. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	1.3	10
120	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, .	1.3	10
121	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, .	1.3	10
122	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.	1.9	10
123	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.	1.9	9
124	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.	1.2	9
125	Deriving Optimal Operating Rules of a Multi-Reservoir System Considering Incremental Multi-Agent Benefit Allocation. <i>Water Resources Management</i> , 2018, 32, 3629-3645.	1.9	9
126	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.	2.3	9



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127	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, .	0.8	9
128	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.	1.2	9
129	Heuristic Input Variable Selection in Multi-Objective Reservoir Operation. <i>Water Resources Management</i> , 2020, 34, 617-636.	1.9	9
130	Deriving pack rules for hydro-photovoltaic hybrid power systems considering diminishing marginal benefit of energy. <i>Applied Energy</i> , 2021, 304, 117858.	5.1	9
131	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.	1.7	9
132	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.	0.8	8
133	Understanding the Resilience of Soil Moisture Regimes. <i>Water Resources Research</i> , 2019, 55, 7541-7563.	1.7	8
134	Reservoir ecological operation by quantifying outflow disturbance to aquatic community dynamics. <i>Environmental Research Letters</i> , 2021, 16, 074005.	2.2	8
135	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.	1.9	7
136	Stimulate hydropower output of mega cascade reservoirs using an improved Kidney Algorithm. <i>Journal of Cleaner Production</i> , 2020, 244, 118613.	4.6	7
137	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, .	1.3	7
138	Joint Optimization of Forward Contract and Operating Rules for Cascade Hydropower Reservoirs. <i>Journal of Water Resources Planning and Management - ASCE</i> , 2022, 148, .	1.3	7
139	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.	4.3	7
140	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.	0.6	6
141	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.	1.2	6
142	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.	1.9	6
143	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, .	1.3	6
144	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.	2.2	6

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145	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.	3.8	6
146	When to start an adaptation strategy in response to climate change in reservoir system management. <i>Journal of Hydrology</i> , 2021, 603, 127111.	2.3	6
147	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
148	Optimal Operation of Cascade Hydropower Plants. , 2009, , .		5
149	Representing Irrigation Processes in the Land Surfaceâ€Hydrological Model and a Case Study in the Yangtze River Basin, China. <i>Journal of Advances in Modeling Earth Systems</i> , 2022, 14, .	1.3	5
150	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.	1.0	4
151	Estimation of reservoir inflow with significant lateral inflow by using the adjoint equation method. <i>Journal of Hydrology</i> , 2019, 574, 360-372.	2.3	4
152	Evaluating the Effect of Transpiration in Hydrologic Model Simulation through Parameter Calibration. <i>Journal of Hydrologic Engineering - ASCE</i> , 2020, 25, 04020007.	0.8	4
153	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.	1.0	4
154	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.	2.3	4
155	Improving efficiencies of flood forecasting during lead times: an operational method and its application in the Baiyunshan Reservoir. <i>Hydrology Research</i> , 2019, 50, 709-724.	1.1	3
156	A varying comprehensive hydropower coefficient for medium/long-term operation of a single reservoir. <i>Hydrology Research</i> , 2020, 51, 686-698.	1.1	3
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