

Benxi Liu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal power peak shaving using hydropower to complement wind and solar power uncertainty. Energy Conversion and Management, 2020, 209, 112628.	4.4	98
2	China's small hydropower and its dispatching management. Renewable and Sustainable Energy Reviews, 2015, 42, 43-55.	8.2	78
3	Hydropower curtailment in Yunnan Province, southwestern China: Constraint analysis and suggestions. Renewable Energy, 2018, 121, 700-711.	4.3	73
4	Daily peak shaving operation of cascade hydropower stations with sensitive hydraulic connections considering water delay time. Renewable Energy, 2021, 169, 970-981.	4.3	23
5	Impacts of different wind and solar power penetrations on cascade hydroplants operation. Renewable Energy, 2022, 182, 227-244.	4.3	21
6	An information gap decision theory-based decision-making model for complementary operation of hydro-wind-solar system considering wind and solar output uncertainties. Journal of Cleaner Production, 2022, 348, 131382.	4.6	18
7	Peak Shaving Model for Coordinated Hydro-Wind-Solar System Serving Local and Multiple Receiving Power Grids via HVDC Transmission Lines. IEEE Access, 2020, 8, 60689-60703.	2.6	17
8	A Wasserstein metric-based distributionally robust optimization approach for reliable-economic equilibrium operation of hydro-wind-solar energy systems. Renewable Energy, 2022, 196, 204-219.	4.3	17
9	Climate Change Impacts on Hydropower in Yunnan, China. Water (Switzerland), 2020, 12, 197.	1.2	11
10	Simulation and Regulation of Market Operation in Hydro-Dominated Environment: The Yunnan Case. Water (Switzerland), 2017, 9, 623.	1.2	10
11	Medium-term peak shaving operation of cascade hydropower plants considering water delay time. Renewable Energy, 2021, 179, 406-417.	4.3	10
12	Short-Term Load Dispatching Method for a Diversion Hydropower Plant with Multiple Turbines in One Tunnel Using a Two-Stage Model. Energies, 2019, 12, 1476.	1.6	8
13	Multicore Parallel Dynamic Programming Algorithm for Short-Term Hydro-Unit Load Dispatching of Huge Hydropower Stations Serving Multiple Power Grids. Water Resources Management, 2020, 34, 359-376.	1.9	7
14	Short-Term Peak-Shaving Operation of Head-Sensitive Cascaded Hydropower Plants Based on Spillage Adjustment. Water (Switzerland), 2020, 12, 3438.	1.2	7
15	Short-Term Peak-Shaving Operation of Single-Reservoir and Multicascade Hydropower Plants Serving Multiple Power Grids. Water Resources Management, 2021, 35, 689-705.	1.9	6
16	Lagrangian Relaxation Based on Improved Proximal Bundle Method for Short-Term Hydrothermal Scheduling. Sustainability, 2021, 13, 4706.	1.6	4
17	A Data-Driven Bilevel Model for Estimating Operational Information of a Neighboring Reservoir in a Competitive Context. IEEE Access, 2021, 9, 159640-159651.	2.6	4