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Regional water consumption for hydro and thermal electricity generation in the United States

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#	Paper	IF	Citations
45	Future perspectives of run-of-the-river hydropower and the impact of glaciers shrinkage: The case of Italian Alps. <i>Applied Energy</i> , 2018 , 231, 699-713	10.7	19
44	Virtual water transfers of the US electric grid. <i>Nature Energy</i> , 2018 , 3, 1115-1123	62.3	51
43	Decoupling between water use and thermoelectric power generation growth in China. <i>Nature Energy</i> , 2018 , 3, 792-799	62.3	65
42	Day-ahead power system scheduling considering water consumption in power plants. <i>International Transactions on Electrical Energy Systems</i> , 2019 , 29, e12133	2.2	
41	A regional assessment of the water embedded in the US electricity system. <i>Environmental Research Letters</i> , 2019 , 14, 084014	6.2	19
40	Quantifying spatiotemporal impacts of the interaction of water scarcity and water use by the global semiconductor manufacturing industry. <i>Water Resources and Industry</i> , 2019 , 22, 100115	4.5	10
39	Combined membrane and thermal desalination processes for the treatment of ion exchange resins spent brine. <i>Applied Energy</i> , 2019 , 254, 113699	10.7	9
38	Regional water footprints assessment for hydroelectricity generation in China. <i>Renewable Energy</i> , 2019 , 138, 316-325	8.1	15
37	Water scarcity risks mitigated or aggravated by the inter-regional electricity transmission across China. <i>Applied Energy</i> , 2019 , 238, 413-422	10.7	23
36	Life cycle assessment of run-of-river hydropower plants in the Peruvian Andes: a policy support perspective. <i>International Journal of Life Cycle Assessment</i> , 2019 , 24, 1376-1395	4.6	10
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34	Water withdrawal and conservation: Global scenario. 2019 , 61-75		0
33	AWARE-US: Quantifying water stress impacts of energy systems in the United States. <i>Science of the Total Environment</i> , 2019 , 648, 1313-1322	10.2	18
32	Life cycle assessment of rainwater harvesting systems for Brazilian semi-arid households. <i>Water and Environment Journal</i> , 2020 , 34, 322-330	1.7	2
31	Globally regional life cycle analysis of automotive lithium-ion nickel manganese cobalt batteries. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2020 , 25, 371-396	3.9	25
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28	Water evaporation at wet-cooled nuclear power plants on river banks: Application to the French Rh�e river. <i>Water-Energy Nexus</i> , 2020 , 3, 155-169	5.2	0
27	Freshwater use of the energy sector in Africa. <i>Applied Energy</i> , 2020 , 270, 115171	10.7	11
26	Regional and seasonal water stress analysis of United States thermoelectricity. <i>Journal of Cleaner Production</i> , 2020 , 270, 122234	10.3	4
25	Water usage for energy production and supply in China: Decoupled from industrial growth?. <i>Science of the Total Environment</i> , 2020 , 719, 137278	10.2	5
24	On the water footprint in power production: Sustainable design of wet cooling towers. <i>Applied Energy</i> , 2020 , 263, 114620	10.7	14
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22	Quantifying tradeoffs between electricity generation and fish populations via population habitat duration curves. <i>Ecological Modelling</i> , 2021 , 440, 109373	3	4
21	Sustainable Energy Transition Considering the Water-Energy Nexus: A Multiobjective Optimization Framework. <i>ACS Sustainable Chemistry and Engineering</i> , 2021 , 9, 3768-3780	8.3	4
20	Data centre water consumption. <i>Npj Clean Water</i> , 2021 , 4,	11.2	2
19	The energy-water nexus of China's interprovincial and seasonal electric power transmission. <i>Applied Energy</i> , 2021 , 286, 116493	10.7	7
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