## CITATION REPORT List of articles citing

Global scenarios for significant water use reduction in thermal power plants based on cooling water demand estimation using satellite imagery

DOI: 10.1038/s41560-019-0501-4 Nature Energy, 2019, 4, 1040-1048.

**Source:** https://exaly.com/paper-pdf/74275647/citation-report.pdf

Version: 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

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

#	Paper	IF	Citations
41	Removal of organic compounds from cooling tower blowdown by electrochemical oxidation: Role of electrodes and operational parameters. <i>Chemosphere</i> , <b>2020</b> , 259, 127491	8.4	10
40	Hydrological limits to carbon capture and storage. <i>Nature Sustainability</i> , <b>2020</b> , 3, 658-666	22.1	22
39	Globalized energy-water nexus through international trade: The dominant role of non-energy commodities for worldwide energy-related water use. <i>Science of the Total Environment</i> , <b>2020</b> , 736, 139.	582 <sup>.2</sup>	7
38	Freshwater use of the energy sector in Africa. <i>Applied Energy</i> , <b>2020</b> , 270, 115171	10.7	11
37	Global Energy Security Index and Its Application on National Level. <i>Energies</i> , <b>2020</b> , 13, 2502	3.1	24
36	Characterizing of water-energy-emission nexus of coal-fired power industry using entropy weighting method. <i>Resources, Conservation and Recycling</i> , <b>2020</b> , 161, 104991	11.9	10
35	Towards sustainable development in the MENA region: Analysing the feasibility of a 100% renewable electricity system in 2030. <i>Energy Strategy Reviews</i> , <b>2020</b> , 28, 100466	9.8	32
34	Energy Security Analysis for a 100% Renewable Energy Transition in Jordan by 2050. <i>Sustainability</i> , <b>2020</b> , 12, 4921	3.6	30
33	Strengthening the global water supply through a decarbonised global desalination sector and improved irrigation systems. <i>Energy</i> , <b>2020</b> , 200, 117507	7.9	20
32	Towards green thermal power plants with blowdown water reuse and simultaneous biogenic nanostructures recovery from waste. <i>Resources, Conservation and Recycling</i> , <b>2021</b> , 168, 105283	11.9	5
31	Synergetic management of energy-water nexus system under uncertainty: An interval bi-level joint-probabilistic programming method. <i>Journal of Cleaner Production</i> , <b>2021</b> , 292, 125942	10.3	7
30	Performance Prediction and Optimization of the Air-Cooled Condenser in a Large-Scale Power Plant Using Machine Learning. <i>Energy Technology</i> , <b>2021</b> , 9, 2100045	3.5	О
29	Increased economic drought impacts in Europe with anthropogenic warming. <i>Nature Climate Change</i> , <b>2021</b> , 11, 485-491	21.4	17
28	Catchment-level water stress risk of coal power transition in China under 2?/1.5? targets. <i>Applied Energy</i> , <b>2021</b> , 294, 116986	10.7	2
27	Low-cost renewable electricity as the key driver of the global energy transition towards sustainability. <i>Energy</i> , <b>2021</b> , 227, 120467	7.9	87
26	Renewable energy in Pakistan: Paving the way towards a fully renewables-based energy system across the power, heat, transport and desalination sectors by 2050. <i>IET Renewable Power Generation</i> ,	2.9	3
25	A Holistic and Globally Applicable Indication System for Regional Electric-Energy-Water Security. <i>Ecosystem Health and Sustainability</i> ,	3.7	

24	A comprehensive review of life cycle climate performance (LCCP) for air conditioning systems. <i>International Journal of Refrigeration</i> , <b>2021</b> , 130, 187-198	3.8	0
23	Assessment of the water footprint for the European power sector during the transition towards a 100% renewable energy system. <i>Energy</i> , <b>2021</b> , 233, 121098	7.9	9
22	Encyclopedia of Sustainability Science and Technology. <b>2021</b> , 1-30		3
21	Towards a Web-Based Digital Twin Thermal Power Plant. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	8
20	Irrigation efficiency and renewable energy powered desalination as key components of Pakistan's water management strategy. <i>Smart Energy</i> , <b>2021</b> , 4, 100052		4
19	Passive sub-ambient cooling: radiative cooling versus evaporative cooling. <i>Applied Thermal Engineering</i> , <b>2022</b> , 202, 117909	5.8	1
18	A Region-Based Approach for Missing Value Imputation of Cooling Technologies for the Global Thermal Power Plant Fleet Using a Decision Tree Classifier. <i>Studies in Fuzziness and Soft Computing</i> , <b>2022</b> , 93-125	0.7	
17	Biodiversity Loss from Freshwater Use for China's Electricity Generation <i>Environmental Science &amp; Environmental Science</i>	10.3	
16	The effects of climate change mitigation strategies on the energy system of Africa and its associated water footprint. <i>Environmental Research Letters</i> , <b>2022</b> , 17, 044048	6.2	0
15	A decision-making framework for the optimal design of renewable energy systems under energy-water-land nexus considerations <i>Science of the Total Environment</i> , <b>2022</b> , 827, 154185	10.2	2
14	Environmental benefits of circular economy approach to use of cobalt. <i>Global Environmental Change</i> , <b>2022</b> , 76, 102568	10.1	
13	How much solar PV, wind and biomass energy could be implemented in short-term? A multi-criteria GIS-based approach applied to the province of JaB, Spain. <i>Journal of Cleaner Production</i> , <b>2022</b> , 366, 1329	9 <b>2</b> 8.3	1
12	The role of renewables for rapid transitioning of the power sector across states in India. 2022, 13,		1
11	Current wastewater treatment targets are insufficient to protect surface water quality. <b>2022</b> , 3,		О
10	Global and regional models for identification of cooling technology in thermal power generation for water demand estimations in water-energy nexus studies. <b>2022</b> , 134842		0
9	Global potential for renewable energy powered desalination in the irrigation sector. <b>2023</b> , 53-92		Ο
8	REVIEW ON 100% RENEWABLE ENERGY SYSTEM ANALYSES (A BIBLIOMETRIC PERSPECTIVE. <b>2022</b> , 1-1		1
7	Mitigation of air pollution and corresponding impacts during a global energy transition towards 100% renewable energy system by 2050. <b>2022</b> , 8, 14124-14143		1

6	Retirement of US fossil fuel-fired power plants will increase water availability. 2023, 617, 128984	О
5	Identifying the key factors to China's unsustainable external circulation through the accounting of the flow of embodied energy and virtual water. <b>2023</b> , 173, 113115	O
4	From Smart Grids to Super Smart Grids: A Roadmap for Strategic Demand Management for Next Generation SAARC and European Power Infrastructure. <b>2023</b> , 11, 12303-12341	0
3	Water-saving co-benefits of CO2 reduction in China∃ electricity sector. <b>2023</b> , 26, 106035	1
2	Water Energy Nexus and Energy Transition A Review. 2023, 16, 1879	0
1	A framework to assess multi-hazard physical climate risk for power generation projects from publicly-accessible sources. <b>2023</b> , 4,	О