Impacts of climate change on energy systems in global a

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Citation Report

#	Article	IF	CITATIONS
1	Toward indicators of the performance of US infrastructures under climate change risks. Climatic Change, 2020, 163, 1795-1813.	3.6	8
2	Adapting to the challenges of warming. Science, 2020, 370, 782-783.	12.6	25
3	The interplay of green servant leadership, selfâ€efficacy, and intrinsic motivation in predicting employees' proâ€environmental behavior. Corporate Social Responsibility and Environmental Management, 2021, 28, 1171-1184.	8.7	100
4	Power sector investment implications of climate impacts on renewable resources in Latin America and the Caribbean. Nature Communications, 2021, 12, 1276.	12.8	30
5	Hydropower under climate uncertainty: Characterizing the usable capacity of Brazilian, Colombian and Peruvian power plants under climate scenarios. Energy for Sustainable Development, 2021, 61, 217-229.	4.5	21
6	Variability in Deeply Decarbonized Electricity Systems. Environmental Science & Environmental Science	10.0	10
7	An overview of climate change impacts on the society in China. Advances in Climate Change Research, 2021, 12, 210-223.	5.1	27
8	Performance Assessment of District Energy Systems with Common Elements for Heating and Cooling. Energies, 2021, 14, 2334.	3.1	4
9	Doping Strategies in Sb <sub>2</sub> S <sub>3</sub> Thin Films for Solar Cells. Small, 2021, 17, e2100241.	10.0	62
10	Design Engineering, Synthesis Protocols, and Energy Applications of MOF-Derived Electrocatalysts. Nano-Micro Letters, 2021, 13, 132.	27.0	134
11	Dynamics of Electricity Production against the Backdrop of Climate Change: A Case Study of Hydropower Plants in Poland. Energies, 2021, 14, 3427.	3.1	8
12	Increase in frequency of nuclear power outages due to changing climate. Nature Energy, 2021, 6, 755-762.	39.5	12
13	Large uncertainties in trends of energy demand for heating and cooling under climate change. Nature Communications, 2021, 12, 5197.	12.8	37
14	Climate change and multi-dimensional sustainable urbanization. Journal of Chinese Geography, 2021, 31, 1328-1348.	3.9	12
15	Energy system transformations and carbon emission mitigation for China to achieve global 2°C climate target. Journal of Environmental Management, 2021, 292, 112721.	7.8	61
16	Climate-Induced Tradeoffs in Planning and Operating Costs of a Regional Electricity System. Environmental Science & Environmental Science & Environmen	10.0	5
17	A planetary boundary-based environmental footprint family: From impacts to boundaries. Science of the Total Environment, 2021, 785, 147383.	8.0	34
18	Hydroclimatic change challenges the EU planned transition to a carbon neutral electricity system. Environmental Research Letters, 2021, 16, 104011.	5.2	7

#	Article	IF	CITATIONS
19	How sensitive is a carbon-neutral power sector to climate change? The interplay between hydro, solar and wind for Portugal. Energy, 2022, 239, 122106.	8.8	20
20	Future operation of hydropower in Europe under high renewable penetration and climate change. IScience, 2021, 24, 102999.	4.1	20
21	Forecast of the hydropower generation under influence of climate change based on RCPs and Developed Crow Search Optimization Algorithm. Energy Reports, 2021, 7, 385-397.	5.1	23
22	Ambient air pollution and meteorological factors escalate electricity consumption. Science of the Total Environment, 2021, 795, 148841.	8.0	18
23	Examining the Dynamics and Determinants of Energy Consumption in China's Megacity Based on Industrial and Residential Perspectives. Sustainability, 2021, 13, 764.	3.2	2
24	The impacts of climate change on coal-fired power plants: evidence from China. Energy and Environmental Science, 2021, 14, 4890-4902.	30.8	17
25	Universal Digital Twin - A Dynamic Knowledge Graph. Data-Centric Engineering, 2021, 2, .	2.3	43
26	Climate change impacts on renewable energy supply. Nature Climate Change, 2021, 11, 119-125.	18.8	218
27	Cooling demand in integrated assessment models: a methodological review. Environmental Research Letters, 2020, 15, 113005.	5.2	14
28	Assessment of plum rain's impact on power system emissions in Yangtze-Huaihe River basin of China. Nature Communications, 2021, 12, 6156.	12.8	23
29	High resolution global spatiotemporal assessment of rooftop solar photovoltaics potential for renewable electricity generation. Nature Communications, 2021, 12, 5738.	12.8	75
30	A novel approach to investigate the effects of global warming and exchange rate on the solar power plants. Energy, 2022, 239, 122344.	8.8	9
31	Air-conditioning and the adaptation cooling deficit in emerging economies. Nature Communications, 2021, 12, 6460.	12.8	48
32	Post COVID-19 ENERGY sustainability and carbon emissions neutrality. Energy, 2022, 241, 122801.	8.8	57
33	Ultralow-temperature-driven water-based sorption refrigeration enabled by low-cost zeolite-like porous aluminophosphate. Nature Communications, 2022, 13, 193.	12.8	33
34	Assessing the energy transition in China towards carbon neutrality with a probabilistic framework. Nature Communications, 2022, 13, 87.	12.8	163
35	Universal Digital Twin – the impact of heat pumps on social inequality. Advances in Applied Energy, 2022, 5, 100079.	13.2	12
36	In situ transmission electron microscopy and artificial intelligence enabled data analytics for energy materials. Journal of Energy Chemistry, 2022, 68, 454-493.	12.9	33

#	Article	IF	CITATIONS
37	Simulation of hydropower at subcontinental to global scales: a state-of-the-art review. Environmental Research Letters, 2022, 17, 023002.	5.2	16
38	Integrated hydrological, power system and economic modelling of climate impacts on electricity demand and cost. Nature Energy, 2022, 7, 163-169.	39.5	11
39	Involving resilience in assessment of the water–energy–food nexus for arid and semiarid regions. Clean Technologies and Environmental Policy, 2022, 24, 1681-1693.	4.1	4
40	Implications of Increasing Household Air Conditioning Use Across the United States Under a Warming Climate. Earth's Future, 2022, 10, .	6.3	23
41	Climate change impacts on the energy system: a model comparison. Environmental Research Letters, 2022, 17, 034036.	5.2	3
42	CHP performance under the warming climate: a case study for Russia. Energy, 2022, 244, 123099.	8.8	5
43	Identifying effective operating rules for large hydro–solar–wind hybrid systems based on an implicit stochastic optimization framework. Energy, 2022, 245, 123260.	8.8	21
44	Regional and temporal variations in the impacts of future climate change on Japanese electricity demand: Simultaneous interactions among multiple factors considered. Energy Conversion and Management: X, 2022, 14, 100172.	1.6	1
45	A novel method for acquiring rigorous temperature response functions for electricity demand at a regional scale. Science of the Total Environment, 2022, 819, 152893.	8.0	9
46	Income-dependent expansion of electricity demand for climate change adaptation in Brazil. Energy and Climate Change, 2022, 3, 100071.	4.4	2
47	Quantitative Evaluation of Renewable-Energy-Based Remote Microgrids: Curtailment, Load Shifting, and Reliability. SSRN Electronic Journal, 0, , .	0.4	0
48	Hydrogen evolution reaction mechanism on Ti <sub>3</sub> C <sub>2</sub> MXene revealed by <i>in situ</i> /i>/operando Raman spectroelectrochemistry. Nanoscale, 2022, 14, 5068-5078.	5.6	20
49	Energy Justice Across Generations. , 2022, , 173-190.		0
50	U.S. Resilience to large-scale power outages in 2002–2019. Journal of Safety Science and Resilience, 2022, 3, 128-135.	2.3	6
51	Climate Risks of the Transition to a Renewable Energy Society: The Need for Extending the Research Agenda. Weather, Climate, and Society, 2022, 14, 387-397.	1.1	1
52	Molten carbonate fuel cells for simultaneous CO2 capture, power generation, and H2 generation. Applied Energy, 2022, 313, 118553.	10.1	22
53	Photochromic Naphthopyran Dyes Incorporating a Benzene, Thiophene, or Furan Spacer: Effect on Photochromic, Optoelectronic, and Photovoltaic Properties in Dyeâ€Sensitized Solar Cells. Solar Rrl, 0, , 2100929.	5.8	5
54	Numerical simulation of the thermal pollution zones formation from the power plant for different weather conditions. International Journal of Environmental Science and Technology, 0, , 1.	3.5	0

#	Article	IF	CITATIONS
55	Electro-Conversion of Carbon Dioxide to Valuable Chemicals in a Membrane Electrode Assembly. Sustainability, 2022, 14, 5579.	3.2	3
56	Assessment of climate change impacts on the hydro-wind-solar energy supply system. Renewable and Sustainable Energy Reviews, 2022, 162, 112480.	16.4	22
57	Forecasting the inevitable: A review on the impacts of climate change on renewable energy resources. Sustainable Energy Technologies and Assessments, 2022, 52, 102283.	2.7	17
58	Quantitative evaluation of renewable-energy-based remote microgrids: curtailment, load shifting, and reliability. Renewable and Sustainable Energy Reviews, 2022, 164, 112516.	16.4	18
59	Résilience des systÃ <sup>-</sup> mes électriques face au changement climatique. Annales Des Mines - Responsabilité Et Environnement, 2022, N° 106, 54-58.	0.1	0
60	Overcoming the disconnect between energy system and climate modeling. Joule, 2022, 6, 1405-1417.	24.0	31
61	Universal Digital Twin: Integration of national-scale energy systems and climate data. Data-Centric Engineering, 2022, 3, .	2.3	7
62	Enhanced H <sub>2</sub> O <sub>2</sub> Production via Photocatalytic O <sub>2</sub> Reduction over Structurally-Modified Poly(heptazine imide). Chemistry of Materials, 2022, 34, 5511-5521.	6.7	21
63	Mediating role of pro-environmental behavior inÂenvironmentally specific transformational leadership and subjective well-being. Benchmarking, 2023, 30, 1485-1505.	4.6	7
64	Political governance, socioeconomics, and weather influence provincial GHG emissions in Canada. Energy Policy, 2022, 168, 113019.	8.8	3
65	Amorphous Non-Doped and Se, Cu, and Zn-Doped Sb2s3 Nanoparticles Prepared by a Hot-Injection Method: Bandgap Tuning and Possible Observation of the Quantum Size Effect. SSRN Electronic Journal, O, , .	0.4	0
66	Green Finance and Carbon Emission Reduction: A Bibliometric Analysis and Systematic Review. Frontiers in Environmental Science, 0, 10, .	3.3	2
67	Does climate change surprise the profitability of energy firms? Empirical evidence from China. Business Strategy and the Environment, 2023, 32, 1418-1431.	14.3	3
68	Potential hydropower contribution to mitigate climate risk and build resilience in Africa. Nature Climate Change, 2022, 12, 719-727.	18.8	11
69	Techno-economic feasibility analysis of Benban solar Park. AEJ - Alexandria Engineering Journal, 2022, 61, 12593-12607.	6.4	19
70	The evolution of the geothermal potential of a subsurface urban heat island. Environmental Research Letters, 2022, 17, 084018.	5.2	8
71	The Potential Impact of Climate Change on the Efficiency and Reliability of Solar, Hydro, and Wind Energy Sources. Land, 2022, 11, 1275.	2.9	5
72	Increased energy use for adaptation significantly impacts mitigation pathways. Nature Communications, 2022, 13, .	12.8	15

#	ARTICLE	IF	CITATIONS
73	Fossil-Fuel Options for Power Sector Net-Zero Emissions with Sequestration Tax Credits. Environmental Science & Environmental	10.0	3
74	Facile fabrication of MOF-decorated nickel iron foam for highly efficient oxygen evolution. International Journal of Hydrogen Energy, 2022, 47, 30494-30502.	7.1	5
75	Solar photovoltaics can help China fulfill a net-zero electricity system by 2050 even facing climate change risks. Resources, Conservation and Recycling, 2022, 186, 106596.	10.8	14
76	Contribution of complementary operation in adapting to climate change impacts on a large-scale wind–solar–hydro system: A case study in the Yalong River Basin, China. Applied Energy, 2022, 325, 119809.	10.1	16
77	An integrated framework to assess climate change impacts on water use for thermoelectric power plants. Journal of Cleaner Production, 2022, 376, 134271.	9.3	3
78	Economic Efficiency Substantiation of the Use of a Sectional Coil Exchanger in an Individual Heating Point System. Lecture Notes in Civil Engineering, 2023, , 263-272.	0.4	1
79	Contextualizing the scope, scale, and speed of energy pathways toward sustainable development in Africa. IScience, 2022, 25, 104965.	4.1	11
80	Physical model test and parametric optimization of a hydroelectric generating system with a coaxial shaft surge tank. Renewable Energy, 2022, 200, 880-899.	8.9	3
81	Environmental and technical impacts of floating photovoltaic plants as an emerging clean energy technology. IScience, 2022, 25, 105253.	4.1	21
82	Pathways to successful building green retrofit projects: Causality analysis of factors affecting decision making. Energy and Buildings, 2022, 276, 112486.	6.7	6
83	High Emission Scenario Substantially Damages China's Photovoltaic Potential. Geophysical Research Letters, 2022, 49, .	4.0	8
84	Structure and Performance Evolution of Perovskite Solar Cells under Extreme Temperatures. Advanced Energy Materials, 2022, 12, .	19.5	17
85	Scrutinizing the Intermittency of Renewable Energy in a Long-Term Planning Model via Combining Direct Integration and Soft-Linking Methods for Colombia's Power System. Energies, 2022, 15, 7604.	3.1	6
86	Cost, environmental impact, and resilience of renewable energyÂunder a changing climate: a review. Environmental Chemistry Letters, 2023, 21, 741-764.	16.2	133
87	Impact of climate change and socioeconomic factors on domestic energy consumption: The case of Hong Kong and Singapore. Energy Reports, 2022, 8, 12886-12904.	5.1	4
88	Conceptual Sim-Heuristic optimization algorithm to evaluate the climate impact on reservoir operations. Journal of Hydrology, 2022, 614, 128530.	5.4	9
89	Quantifying the climate and human-system-driven uncertainties in energy planning by using GANs. Applied Energy, 2022, 328, 120169.	10.1	5
90	Prospective climate change impacts on China's fossil and renewable power-generation infrastructure: Regional and plant-level analyses. Resources, Conservation and Recycling, 2023, 188, 106704.	10.8	4

#	Article	IF	CITATIONS
91	Towards a future-proof climate database for European energy system studies. Environmental Research Letters, 2022, 17, 121001.	5.2	3
92	Detection of hydropower change points under future climate conditions based on technical hydropower potential changes in Asia. Journal of Hydrology: Regional Studies, 2022, 44, 101258.	2.4	0
93	Climate change adaptation with energy resilience in energy districtsâ€"A state-of-the-art review. Energy and Buildings, 2023, 279, 112649.	6.7	37
94	Warming-induced increase in power demand and CO2 emissions in Qatar and the Middle East. Journal of Cleaner Production, 2023, 382, 135359.	9.3	8
95	Methods for assessing climate uncertainty in energy system models — A systematic literature review. Applied Energy, 2023, 331, 120384.	10.1	6
96	Planning for winter peaking power systems in the United States. Energy Policy, 2023, 173, 113376.	8.8	6
97	Current and future wind energy resources in the North Sea according to CMIP6. Wind Energy Science, 2022, 7, 2373-2391.	3.3	12
98	How do vertical fiscal imbalances affect energy efficiency? The role of government spending on science and technology. Environmental Science and Pollution Research, 2023, 30, 42327-42338.	5.3	5
99	Assessment of CMIP6 Multi-Model Projections Worldwide: Which Regions Are Getting Warmer and Are Going through a Drought in Africa and Morocco? What Changes from CMIP5 to CMIP6?. Sustainability, 2023, 15, 690.	3.2	8
100	Future hotter summer greatly increases residential electricity consumption in Beijing: A study based on different house layouts and shared socioeconomic pathways. Sustainable Cities and Society, 2023, 91, 104453.	10.4	0
102	A stormy future? Financial impact of climate change-related disruptions on nuclear power plant owners. Utilities Policy, 2023, 81, 101484.	4.0	1
103	Resilience Building and Collaborative Governance for Climate Change Adaptation in Response to a New State of More Frequent and Intense Extreme Weather Events. International Journal of Disaster Risk Science, 2023, 14, 162-169.	2.9	3
104	Prediction of the emission characteristics of biogas as a supplementary fuel in SI engines using CFD to assess its applicability. Materials Today: Proceedings, 2023, , .	1.8	0
105	Amorphous non-doped and Se-, Cu-, and Zn-doped Sb2S3 nanoparticles prepared by a hot-injection method: bandgap tuning and possible observation of the quantum size effect. Journal of Nanoparticle Research, 2023, 25, .	1.9	1
106	Air-conditioning adoption and electricity demand highlight climate change mitigation–adaptation tradeoffs. Scientific Reports, 2023, 13, .	3.3	9
107	Highly Selective Reduction of CO <sub>2</sub> to Methane Induced by Subzero Depression of the Electrode Surface Temperature. ACS Catalysis, 2023, 13, 5122-5126.	11.2	4
108	The life cycle land use of natural gas-fired electricity in the US Western interconnection. Environmental Science Advances, 2023, 2, 815-826.	2.7	1
109	A framework to assess multi-hazard physical climate risk for power generation projects from publicly-accessible sources. Communications Earth & Environment, 2023, 4, .	6.8	1

#	Article	IF	CITATIONS
110	A practical evaluation of micro-hydrokinetic power potential for the Continental United States. Journal of Hydrology: Regional Studies, 2023, 47, 101402.	2.4	0
111	A Review on the Impacts of Climate Change on the Power Systems. International Journal of Innovative Technology and Exploring Engineering, 2023, 12, 56-61.	0.3	0
112	Climate projections and the parallel energy availability in the case of Kombolcha town, South Wollo Ethiopia. Journal of Water and Climate Change, 2023, 14, 1924-1934.	2.9	0
113	An analytical method to evaluate curtailment of hydro–photovoltaic hybrid energy systems and its implication under climate change. Energy, 2023, 278, 127800.	8.8	2
114	Designing a Turning Guide Vane Using CFD for an Economizer of a Non-Furnace Boiler. Processes, 2023, 11, 1617.	2.8	0
115	Extreme stratospheric wave activity as harbingers of cold events over North America. Communications Earth & Environment, 2023, 4, .	6.8	3
116	Climate and Development., 2023,, 191-208.		0
117	Quantifying future water and energy security in the source area of the western route of China's South-to-North water diversion project within the context of climatic and societal changes. Journal of Hydrology: Regional Studies, 2023, 47, 101443.	2.4	1
119	Climate change attention and carbon futures return prediction. Journal of Futures Markets, 2023, 43, 1261-1288.	1.8	4
120	How much extreme weather events have affected European power generation in the past three decades?. Renewable and Sustainable Energy Reviews, 2023, 183, 113494.	16.4	3
121	Evaluating the household-level climate-electricity nexus across three cities through statistical learning techniques. Socio-Economic Planning Sciences, 2023, 89, 101664.	5.0	0
122	Highly renewable energy systems in Africa: Rationale, research, and recommendations. Joule, 2023, 7, 1437-1470.	24.0	7
123	Drought impacts on the electricity system, emissions, and air quality in the western United States. Proceedings of the National Academy of Sciences of the United States of America, 2023, 120, .	7.1	4
124	Assessing Macro-economic Effects of Climate Impacts on Energy Demand in EU Sub-national Regions. Environmental and Resource Economics, 2023, 86, 173-201.	3.2	2
125	Attention! Predicting crude oil prices from the perspective of extreme weather. Finance Research Letters, 2023, 57, 104190.	6.7	1
126	Climate change impacts on planned supply–demand match in global wind and solar energy systems. Nature Energy, 2023, 8, 870-880.	39.5	10
127	Neutralization flow batteries in energy harvesting and storage. Journal of Energy Storage, 2023, 72, 108467.	8.1	2
128	Intensive and extensive margins of the peak load: Measuring adaptation with mixed frequency panel data. Energy Economics, 2023, 126, 106923.	12.1	0

#	Article	IF	CITATIONS
129	Energy management in microgrid and multiâ€microgrid. IET Renewable Power Generation, 0, , .	3.1	0
130	Impact of climate simulation resolutions on future energy system reliability assessment: A Texas case study., 2023, 2, 222-230.		3
131	Declining cost of renewables and climate change curb the need for African hydropower expansion. Science, 2023, 381, .	12.6	7
132	Improving the Representation of Climate Risks in Long-Term Electricity Systems Planning: a Critical Review. Current Sustainable/Renewable Energy Reports, 0, , .	2.6	2
133	Impact of Climate Change on Inflation in 26 Selected Countries. Sustainability, 2023, 15, 13108.	3.2	0
134	A net-zero emissions strategy for Chinaâ $\in$ <sup>TM</sup> s power sector using carbon-capture utilization and storage. Nature Communications, 2023, 14, .	12.8	8
135	Climate change impact on photovoltaic power potential in South America. Environmental Research Communications, 2023, 5, 081004.	2.3	0
136	Central America urgently needs to reduce the growing adaptation gap to climate change. Frontiers in Climate, $0,5,.$	2.8	0
137	Geothermal pavements: A city-scale investigation on providing sustainable heating for the city of Cardiff, UK. Renewable Energy, 2023, 218, 119248.	8.9	0
138	Impact of climate risk on global energy trade. Environmental Science and Pollution Research, 2023, 30, 103119-103129.	5.3	0
139	How climate change may shift power demand in Japan: Insights from data-driven analysis. Journal of Environmental Management, 2023, 345, 118799.	7.8	0
140	Modelling the global photovoltaic potential on land and its sensitivity to climate change. Environmental Research Letters, 2023, 18, 104017.	5.2	1
141	Co-movements between heterogeneous crude oil and food markets: Does temperature change really matter?. Research in International Business and Finance, 2024, 67, 102113.	5.9	1
142	Development of an Environmental Monitoring System Based on Spatial Marking and Machine Vision Technologies. Journal of the Russian Universities Radioelectronics, 2023, 26, 56-69.	0.2	0
143	Quantification of climate change-driven water stress on thermal power plants in India. Computers and Chemical Engineering, 2023, 179, 108454.	3.8	0
144	Multigroup differential evolutionary and multilayer Taylor dynamic network planning for zero-carbon grid extension model with user satisfaction. Energy Conversion and Management, 2023, 297, 117753.	9.2	0
146	Sustainable and cost-effective hybrid energy solution for arid regions: Floating solar photovoltaic with integrated pumped storage and conventional hydropower. Journal of Energy Storage, 2023, 74, 109417.	8.1	1
147	Contemporary climate analogs project strong regional differences in the future water and electricity demand across US cities. One Earth, 2023, 6, 1542-1553.	6.8	1

#	Article	IF	CITATIONS
148	Geophysical Constraints on Decarbonized Systems—Building Spatio-Temporal Uncertainties into Future Electricity Grid Planning. Current Sustainable/Renewable Energy Reports, 2023, 10, 218-233.	2.6	0
149	Hydrological and climate impacts on river characteristics of pahang river basin, Malaysia. Heliyon, 2023, 9, e21573.	3.2	0
152	Reliance on fossil fuels increases during extreme temperature events in the continental United States. Communications Earth & Environment, 2023, 4, .	6.8	0
153	A novel geothermal-PV led energy system analysis on the case of the central American countries Guatemala, Honduras, and Costa Rica. Renewable Energy, 2024, 221, 119859.	8.9	1
154	Bibliometric Analysis of the Climate Change Impact on Energy Systems. Environmental and Climate Technologies, 2023, 27, 950-963.	1.4	0
155	Water-Energy Nexus in Power Systems: A Review. Qeios, 0, , .	0.0	0
156	City-level resilience to extreme weather shocks revealed by satellite nighttime lights in China. Sustainable Cities and Society, 2024, 101, 105167.	10.4	0
157	Sustainable pathways towards universal renewable electricity access in Africa. Nature Reviews Earth & Environment, 2024, 5, 137-151.	29.7	1
159	Extreme weather events on energy systems: a comprehensive review on impacts, mitigation, and adaptation measures. , 2024, $11$ , .		1
160	A Bayesian Based Multi-stage Type-2-fuzzy Game and Interval-stochastic Programming Method for Planning Basin Energy-water-climate Nexus System. Water Resources Management, 2024, 38, 1279-1298.	3.9	0
161	Au decorated chemically exfoliated g-C3N4 as highly efficient visible light catalyst for hydrogen production. Journal of Photochemistry and Photobiology A: Chemistry, 2024, 450, 115472.	3.9	0
162	N-doped Sb2SnO5@C as advanced anode material for sodium-ion batteries. lonics, 2024, 30, 1403-1412.	2.4	0
163	Urban water and electricity demand data for understanding climate change impacts on the water-energy nexus. Scientific Data, 2024, $11$ , .	5.3	0
164	Balancing the Water-Carbon Trade-Off: Development of a Bi-Level Source-Grid-Load Synergistic Optimization Model for Multi-Regional Electric Power System. Electronics (Switzerland), 2024, 13, 516.	3.1	1
165	Integrated modeling for assessing climate change impacts on water resources and hydropower potential in the Himalayas. Theoretical and Applied Climatology, 2024, 155, 3993-4008.	2.8	0
166	Assessment of climate damage in China based on integrated assessment framework. Advances in Climate Change Research, 2024, 15, 124-133.	5.1	0
167	Impact of climate change on agriculture and adaptation strategies in Ethiopia: A meta-analysis. Heliyon, 2024, 10, e26103.	3.2	1
168	CLIMATE CHANGE IMPACT ON SUPPLY POTENTIAL OF VARIABLE RENEWABLE ENERGY. , 2023, 79, n/a.		0

#	ARTICLE	IF	CITATIONS
169	Realization of Large Low-Stress Elastocaloric Effect in TiZrNbAl Alloy. Materials, 2024, 17, 885.	2.9	0
170	The energy security risk assessment of inefficient wind and solar resources under carbon neutrality in China. Applied Energy, 2024, 360, 122889.	10.1	0
171	Climate-adaptive resilience in district buildings and cross-regional energy sharing in Guangzhou-Shenzhen-Hong Kong Greater Bay Area. Energy and Buildings, 2024, 308, 114004.	6.7	0
172	Camelâ€Furâ€Inspired Graphiteâ€Based Hygroscopic Membrane for Passive Air Cooling with Ultrahigh Cooling Power. Advanced Energy Materials, 2024, 14, .	19.5	0
173	Balancing the nuclear equation: Climate policy uncertainty and budgetary dynamics. Nuclear Engineering and Technology, 2024, , .	2.3	0
174	Simulating and assessing carbon markets: Application to the Korean and the EU ETSs. Renewable and Sustainable Energy Reviews, 2024, 195, 114346.	16.4	0
175	Renewal of electrical energy by green hydrogen using a metal organic framework with Fe3O4 cluster. Arabian Journal of Chemistry, 2024, 17, 105734.	4.9	0
176	Climate Impacts and Institutionalization in Viet Nam. International Journal of Political Economy, 2024, 53, 4-20.	0.6	0
177	Facile synthesis of amorphous/crystalline Ni-Fe thiophenedicarboxylate coordination polymer nanobelts for efficient water oxidation. Journal of Colloid and Interface Science, 2024, 665, 345-354.	9.4	0
178	The impact of energy storage on the reliability of wind and solar power in New England. Heliyon, 2024, 10, e27652.	3.2	0
179	Towards the prospect of carbon-neutral power system 2060: A Power-Meteorology-Society systematic view. Heliyon, 2024, 10, e27970.	3.2	0
180	Promoting Sustainable Development Goals by Optimizing City-Level Solar Photovoltaic Deployment in China. Environmental Science & Environmental Science	10.0	0