

A review of Africa's transition from fossil fuels to renewable economy principles

Renewable and Sustainable Energy Reviews

137, 110609

DOI: [10.1016/j.rser.2020.110609](https://doi.org/10.1016/j.rser.2020.110609)

Citation Report

#	ARTICLE	IF	CITATIONS
1	How renewable energy reduces CO ₂ emissions? Decoupling and decomposition analysis for 25 countries along the Belt and Road. <i>Applied Economics</i> , 2021, 53, 4597-4613.	2.2	70
2	Energy transition and the role of system integration of the energy, water and environmental systems. <i>Journal of Cleaner Production</i> , 2021, 292, 126027.	9.3	42
3	Digital Transformation of Energy Companies: A Colombian Case Study. <i>Energies</i> , 2021, 14, 2523.	3.1	20
4	Palm Oil Clinker as a Waste by-Product: Utilization and Circular Economy Potential. , 0, , .		6
5	Towards a Circular Economy for African Islands: an Analysis of Existing Baselines and Strategies. <i>Circular Economy and Sustainability</i> , 2022, 2, 47-69.	5.5	4
6	A multidimensional high-resolution assessment approach to boost decentralised energy investments in Sub-Saharan Africa. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 148, 111282.	16.4	13
7	Liquid Hydrogen: A Review on Liquefaction, Storage, Transportation, and Safety. <i>Energies</i> , 2021, 14, 5917.	3.1	171
8	Past and prospective electricity scenarios in Madagascar: The role of government energy policies. <i>Renewable and Sustainable Energy Reviews</i> , 2021, 149, 111321.	16.4	4
9	An application of a circular economy approach to design an energy-efficient heat recovery system. <i>Journal of Cleaner Production</i> , 2021, 320, 128851.	9.3	5
10	Multi-criteria decision-making model for optimal planning of on/off grid hybrid solar, wind, hydro, biomass clean electricity supply. <i>Renewable Energy</i> , 2021, 179, 885-910.	8.9	99
11	Autonomous Photovoltaic LED Urban Street Lighting: Technical, Economic, and Social Viability Analysis Based on a Case Study. <i>Sustainability</i> , 2021, 13, 11746.	3.2	1
12	Photovoltaic mono and bifacial module/string electrical model parameters identification and validation based on a new differential evolution bee colony optimizer. <i>Energy Conversion and Management</i> , 2021, 248, 114667.	9.2	7
13	Biofuel versus fossil fuel. , 2022, , 181-193.		7
14	Unravelling the water-energy-economics-continuum of hydroelectricity in the face of climate change. <i>International Journal of Energy and Water Resources</i> , 2022, 6, 323-335.	2.2	10
15	Renewable energy and climate change. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 158, 112111.	16.4	531
16	Role of energy technologies in response to climate change. <i>Materials Today: Proceedings</i> , 2022, 62, 63-69.	1.8	13
17	Coadsorption of CO and CH ₄ on the Au doped SnO ₂ (110) surface: a first principles investigation. <i>Physica Scripta</i> , 2022, 97, 045403.	2.5	2
18	A Conceptual Exploration of How the Pursuit of Sustainable Energy Development Is Implicit in the Genuine Progress Indicator. <i>Energies</i> , 2022, 15, 2129.	3.1	3

#	ARTICLE	IF	CITATIONS
19	A kinetic study of the ultrasonically assisted ethyl esterification of fatty acids using an immobilized lipase catalyst and deep eutectic solvent. <i>International Journal of Chemical Kinetics</i> , 2022, 54, 400-412.	1.6	6
20	A Review on the Critical Role of H ₂ Donor in the Selective Hydrogenation of 5-Hydroxymethylfurfural. <i>ChemSusChem</i> , 2022, 15, .	6.8	12
21	Decarbonization of the Galapagos Islands. Proposal to transform the energy system into 100% renewable by 2050. <i>Renewable Energy</i> , 2022, 189, 199-220.	8.9	26
22	FPGA control system technology for integrating the PV/wave/FC hybrid system using ANN optimized by MFO techniques. <i>Sustainable Cities and Society</i> , 2022, 80, 103825.	10.4	13
23	Data-driven probabilistic machine learning in sustainable smart energy/smart energy systems: Key developments, challenges, and future research opportunities in the context of smart grid paradigm. <i>Renewable and Sustainable Energy Reviews</i> , 2022, 160, 112128.	16.4	123
24	Equitable, effective, and feasible approaches for a prospective fossil fuel transition. <i>Wiley Interdisciplinary Reviews: Climate Change</i> , 2022, 13, .	8.1	21
25	Enhanced Hydrogen Storage Properties of LiAlH ₄ by Excellent Catalytic Activity of XTiO ₃ (X = Co, Ni). <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	11
26	Assay of renewable energy transition: A systematic literature review. <i>Science of the Total Environment</i> , 2022, 833, 155159.	8.0	47
27	A Comparison of Performance, Emissions, and Lube Oil Deterioration for Gasoline-Ethanol Fuel. <i>Processes</i> , 2022, 10, 876.	2.8	3
28	Transitions to sustainable development: the role of green innovation and institutional quality. <i>Environment, Development and Sustainability</i> , 2023, 25, 6751-6780.	5.0	13
29	Thermal-Conductive, Dynamic Cross-Linked Solid-Solid Phase Change Composites toward Sustainable Energy Utilization. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 6448-6457.	3.7	8
30	The future of industry 4.0 and the circular economy in Chinese supply chain: In the Era of post-COVID-19 pandemic. <i>Operations Management Research</i> , 2022, 15, 342-356.	8.5	16
31	Optimized biodiesel production from waste cooking oil using a functionalized bio-based heterogeneous catalyst. <i>Cleaner Engineering and Technology</i> , 2022, 8, 100501.	4.0	14
32	Energy Transition in France. <i>Sustainability</i> , 2022, 14, 5818.	3.2	15
33	Smart centralized energy management system for autonomous microgrid using FPGA. <i>Applied Energy</i> , 2022, 317, 119164.	10.1	20
34	Unlocking digital technologies for waste recycling in Industry 4.0 era: A transformation towards a digitalization-based circular economy in Indonesia. <i>Journal of Cleaner Production</i> , 2022, 357, 131911.	9.3	98
35	The Editor 25/4/2022modelling Least-Cost Technology Pathways to Decarbonise the New South Wales Energy System by 2050. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
36	Response Surface Methodology and Artificial Neural Networks-Based Yield Optimization of Biodiesel Sourced from Mixture of Palm and Cotton Seed Oil. <i>Sustainability</i> , 2022, 14, 6130.	3.2	13

#	ARTICLE	IF	CITATIONS
37	Reimagine renewable energy exploration in post-COVID-19 Africa. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2022, 44, 4275-4295.	2.3	1
38	Applications of Industry 4.0 digital technologies towards a construction circular economy: gap analysis and conceptual framework. <i>Construction Innovation</i> , 2022, 22, 647-670.	2.7	29
39	Re-powering the Nature-Intensive Systems: Insights From Linking Nature-Based Solutions and Energy Transition. <i>Frontiers in Sustainable Cities</i> , 0, 4, .	2.4	4
40	Beyond COP26: can income level moderate fossil fuels, carbon emissions, and human capital for healthy life expectancy in Africa?. <i>Environmental Science and Pollution Research</i> , 2022, 29, 87568-87582.	5.3	39
41	Circular economy principles in community energy initiatives through stakeholder perspectives. <i>Sustainable Production and Consumption</i> , 2022, 33, 256-270.	11.0	13
42	Energy consumption and environmental degradation nexus: A systematic review and meta-analysis of fossil fuel and renewable energy consumption. <i>Ecological Informatics</i> , 2022, 70, 101747.	5.2	57
43	How will hydro-energy generation of the Nepalese Himalaya vary in the future? A climate change perspective. <i>Environmental Research</i> , 2022, 214, 113746.	7.5	12
44	Fast-growing native tree species to the secondary forest of East Kalimantan, Indonesia: Physicochemical properties of woody materials for bioelectricity feedstocks. <i>Biodiversitas</i> , 2022, 23, .	0.6	0
45	Flexible, Multifunctional Micro-Sensor Applied to Internal Measurement and Diagnosis of Vanadium Flow Battery. <i>Micromachines</i> , 2022, 13, 1193.	2.9	2
46	Review on the transport capacity management of oil and gas pipeline network: Challenges and opportunities of future pipeline transport. <i>Energy Strategy Reviews</i> , 2022, 43, 100933.	7.3	8
47	Analysis of renewable-friendly smart grid technologies for the distributed energy investment projects using a hybrid picture fuzzy rough decision-making approach. <i>Energy Reports</i> , 2022, 8, 11466-11477.	5.1	31
48	The assessment of renewable energy in Poland on the background of the world renewable energy sector. <i>Energy</i> , 2022, 261, 125319.	8.8	32
49	Computational Methods to Mitigate the Effect of High Penetration of Renewable Energy Sources on Power System Frequency Regulation: A Comprehensive Review. <i>Archives of Computational Methods in Engineering</i> , 2023, 30, 703-726.	10.2	9
50	Heterogeneous and Customized Cost-Efficient Reversible Image Degradation for Green IoT. <i>IEEE Internet of Things Journal</i> , 2023, 10, 2630-2645.	8.7	3
51	Flexible Micro-Sensor Packaging and Durability for Real-Time Monitoring of Vanadium Flow Batteries. <i>Coatings</i> , 2022, 12, 1531.	2.6	0
52	Recycling Perspectives of Circular Business Models: A Review. <i>Recycling</i> , 2022, 7, 79.	5.0	15
53	Africa needs context-relevant evidence to shape its clean energy future. <i>Nature Energy</i> , 2022, 7, 1015-1022.	39.5	29
54	Circular economy potential and contributions of petroleum industry sludge utilization to environmental sustainability through engineered processes - A review. , 2022, 3, 100029.		15

#	ARTICLE	IF	CITATIONS
55	Design and implementation of a Real-time energy management system for an isolated Microgrid: Experimental validation. <i>Applied Energy</i> , 2022, 327, 120105.	10.1	15
56	On the Path to a Sustainable Africa: The Role of Communalism and Collaborative Enterprises. , 2022, , 287-306.		0
57	An Improved Hybrid Global Maximum Power Point Tracking Approach for PV Systems based on Partial Shading Detection. , 2022, , .		0
58	Production and characterization of hierarchical zeolite Y catalyst for biodiesel production using waste cooking oil as a feedstock. <i>Biofuels</i> , 2023, 14, 365-372.	2.4	1
59	The installation of residential photovoltaic systems: Impact of energy consumption behaviour. <i>Sustainable Energy Technologies and Assessments</i> , 2022, 54, 102870.	2.7	3
60	The influence of NaCl during hydrothermal carbonization for rice husk on hydrochar physicochemical properties. <i>Energy</i> , 2023, 266, 126463.	8.8	12
61	Recent Progress and Perspectives on Nonlead Halide Perovskites in Photocatalytic Applications. <i>Energy & Fuels</i> , 2022, 36, 14613-14624.	5.1	7
62	Modelling least-cost technology pathways to decarbonise the New South Wales energy system by 2050. <i>Renewable and Sustainable Energy Transition</i> , 2023, 3, 100041.	2.9	5
63	Giant Polarization in Quasi-Adiabatic Ferroelectric Na ⁺ Electrolyte for Solid-State Energy Harvesting and Storage. <i>Advanced Functional Materials</i> , 2023, 33, .	14.9	2
64	Application and circular economy prospects of palm oil waste for eco-friendly asphalt pavement industry: A review. , 2022, 2, 309-331.		26
65	Industrial adoption and transition towards sustainable renewable energy. <i>Model Assisted Statistics and Applications</i> , 2022, 17, 259-264.	0.3	0
66	Improved Rat Swarm Optimizer Algorithm-Based MPPT Under Partially Shaded Conditions and Load Variation for PV Systems. <i>IEEE Transactions on Sustainable Energy</i> , 2023, 14, 1385-1396.	8.8	5
67	RePP Africa â€“ a georeferenced and curated database on existing and proposed wind, solar, and hydropower plants. <i>Scientific Data</i> , 2023, 10, .	5.3	2
68	Sustainable energy transition and circular economy: The heterogeneity of potential investors in rural community renewable energy projects. <i>Environment, Development and Sustainability</i> , 0, , .	5.0	5
69	Environmental Life Cycle Assessment of biomass and cardboard waste-based briquettes production and consumption in Andean areas. <i>Energy for Sustainable Development</i> , 2023, 72, 139-150.	4.5	7
70	Green finance and renewable energy: A worldwide evidence. <i>Energy Economics</i> , 2023, 118, 106499.	12.1	51
71	Emergent Climate-Related Policy Issues. , 2023, , 189-225.		0
72	Internet of Things (IoT) based Microgrid System for Optimal Scheduling: Case Study Kadoma-Zimbabwe. , 2023, , .		1

#	ARTICLE	IF	CITATIONS
73	Hydrogen production from water industries for a circular economy. <i>Desalination</i> , 2023, 554, 116448.	8.2	19
74	Development of QSPR-ANN models for the estimation of critical properties of pure hydrocarbons. <i>Journal of Molecular Graphics and Modelling</i> , 2023, 121, 108450.	2.4	2
75	Is energy transition possible for oil-producing nations? Probing the case of a developing economy. <i>Cleaner Production Letters</i> , 2023, 4, 100031.	2.9	2
76	An Analysis of Circular Economy Literature at the Macro Level, with a Particular Focus on Energy Markets. <i>Energies</i> , 2023, 16, 1779.	3.1	8
77	A review of phase change materials in multi-designed tubes and buildings: Testing methods, applications, and heat transfer enhancement. <i>Journal of Energy Storage</i> , 2023, 63, 106990.	8.1	5
78	Resource Recovery and Recycling from Waste Metal Dust (II): Waste Copper Dust. , 2023, , 15-27.		0
79	Synergy of waste plastics and natural fibers as sustainable composites for structural applications concerning circular economy. <i>Environmental Science and Pollution Research</i> , 0, , .	5.3	2
80	Simulation Analysis of Novel Integrated LNG Regasification-Organic Rankine Cycle and Anti-Sublimation Process to Generate Clean Energy. <i>Energies</i> , 2023, 16, 2824.	3.1	0
81	Effect of Electrode Spacing on the Performance of a Membrane-Less Microbial Fuel Cell with Magnetite as an Additive. <i>Molecules</i> , 2023, 28, 2853.	3.8	0
82	Sustainable transition towards greener and cleaner seaborne shipping industry: Challenges and opportunities. <i>Cleaner Engineering and Technology</i> , 2023, 13, 100628.	4.0	17
83	The perspective of energy poverty and 1st energy crisis of green transition. <i>Energy</i> , 2023, 275, 127487.	8.8	29
84	A Comparative Analysis of the Mamdani and Sugeno Fuzzy Inference Systems for MPPT of an Islanded PV System. <i>International Journal of Energy Research</i> , 2023, 2023, 1-14.	4.5	7
86	Circular business model, technology innovation and performance: A strategic-based theoretical framework in the Indonesian energy transition. <i>Renewable Energy Focus</i> , 2023, 45, 259-270.	4.5	2
87	Comprehensive Analysis and Greenhouse Gas Reduction Assessment of the First Large-Scale Biogas Generation Plant in West Africa. <i>Atmosphere</i> , 2023, 14, 876.	2.3	2
88	Investigation of electrochemical performance of Ni/Cr2O3 and Co/Cr2O3 composite nanoparticles prepared by microwave-assisted solvothermal method. <i>Journal of Alloys and Compounds</i> , 2023, 960, 170627.	5.5	1
89	Toward a preliminary research agenda for the circular economy adoption in Africa. <i>Frontiers in Sustainability</i> , 0, 4, .	2.6	3
90	Methanol dehydration catalysts in direct and indirect dimethyl ether (DME) production and the beneficial role of DME in energy supply and environmental pollution. <i>Journal of Environmental Chemical Engineering</i> , 2023, 11, 110307.	6.7	5
91	Superellipse model: An accurate and easy-to-fit empirical model for photovoltaic panels. <i>Solar Energy</i> , 2023, 262, 111749.	6.1	1

#	ARTICLE	IF	CITATIONS
92	Green Finance Products and Investments in the Changing Business World. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2023, , 344-357.	0.3	0
93	Assessing the role of sustainable strategies in alleviating energy poverty: an environmental sustainability paradigm. <i>Environmental Science and Pollution Research</i> , 2023, 30, 67109-67130.	5.3	9
94	Energy storage sizing for virtual inertia contribution based on ROCOF and local frequency dynamics. <i>Energy Strategy Reviews</i> , 2023, 47, 101094.	7.3	2
95	Parametric Study and Optimization of No-Blocking Heliostat Field Layout. <i>Energies</i> , 2023, 16, 4943.	3.1	1
96	Green and sustainable biomass supply chain for environmental, social and economic benefits. <i>Biomass and Bioenergy</i> , 2023, 175, 106893.	5.7	12
97	Hybrid electricity generation using solar energy and kinetic energy of playersâ€™ footsteps â€“ a case study: Tarkwa Akoon soccer park, Ghana. <i>International Journal of Ambient Energy</i> , 2023, 44, 2347-2361.	2.5	0
98	Adoption of green finance and green innovation for achieving circularity: An exploratory review and future directions. <i>Geoscience Frontiers</i> , 2023, , 101669.	8.4	13
99	Optimal Capacity Planning and Analysis of a Sustainable Solar/Wind Microgrid in Rural Areas. , 2023, , .		0
100	Studying tourism recovery options under economic constraints: does stakeholder engagement and financial stability matter?. <i>Environmental Science and Pollution Research</i> , 0, , .	5.3	0
101	Role of circular economy, energy transition, environmental policy stringency, and supply chain pressure on CO2 emissions in emerging economies. <i>Geoscience Frontiers</i> , 2023, , 101682.	8.4	10
102	Implementing the principles of circular economy in the construction industry: exploratory and confirmatory factor analyses of strategies. <i>Construction Innovation</i> , 2023, ahead-of-print, .	2.7	4
103	Various Aspects of Energy Transition: Technologies, Economy, and Social Synergies to Sustainable Future. , 2023, , .		0
104	The Circular Economy in Corporate Reporting: Text Mining of Energy Companiesâ€™ Management Reports. <i>Energies</i> , 2023, 16, 5791.	3.1	3
105	Production of waste tyre pyrolysis oil as the replacement for fossil fuel for diesel engines with constant hydrogen injection via air intake manifold. <i>Fuel</i> , 2024, 355, 129458.	6.4	4
106	Development of an integrated waste heat recovery system consisting of a thermoelectric generator and thermal energy storage for a propane fueled SI engine. <i>Energy</i> , 2023, 282, 128865.	8.8	0
107	Review on Waste-to-Energy Approaches toward a Circular Economy in Developed and Developing Countries. <i>Processes</i> , 2023, 11, 2566.	2.8	5
108	Exploring Precursors of Renewable Energy Portfolio Diversification Using TPB. <i>Energies</i> , 2023, 16, 6714.	3.1	1
110	Bridging resource disparities for sustainable development: A comparative analysis of resource-rich and resource-scarce countries. <i>Resources Policy</i> , 2023, 85, 103981.	9.6	12

#	ARTICLE	IF	CITATIONS
111	Effective Approximation of the Photovoltaic Characteristic Curves using a Double-shaped Superellipse. , 2023, , .		1
112	The Role of Solar Spectral Beam Splitters in Enhancing the Solar-Energy Conversion of Existing PV and PVT Technologies. Energies, 2023, 16, 6841.	3.1	0
113	A different look at the environmental Kuznets curve from the perspective of environmental deterioration and economic policy uncertainty: evidence from fragile countries. Environmental Science and Pollution Research, 0, , .	5.3	13
114	Circular Economy Practices in Mauritius: Examining the Determinants. Sustainable Development Goals Series, 2023, , 241-265.	0.4	1
115	The role of environmental regulation and green human capital towards sustainable development: The mediating role of green innovation and industry upgradation. Journal of Cleaner Production, 2023, 421, 138497.	9.3	13
116	A review of machine learning and deep learning applications in wave energy forecasting and WEC optimization. Energy Strategy Reviews, 2023, 49, 101180.	7.3	3
117	Assessing Chinaâ€™s development zones and carbon emissions. Environmental Science and Pollution Research, 2023, 30, 99298-99309.	5.3	1
118	Direct waste heat recovery from a solid oxide fuel cell through Kalina cycle, two-bed adsorption chiller, thermoelectric generator, reverse osmosis, and PEM electrolyzer: 4E analysis and ANN-assisted optimization. Applied Thermal Engineering, 2024, 236, 121307.	6.0	3
120	Sustainable Energy Policies in Developing Countries: A Review of Challenges and Opportunities. Energies, 2023, 16, 6682.	3.1	10
121	A Chameleon Swarm Optimization Model for the Optimal Adjustment of Retrofit Values in Spanish Houses. Lecture Notes in Electrical Engineering, 2023, , 315-343.	0.4	0
122	Circular Economy and Renewable Energy: A Global Policy Overview. , 2023, , 35-50.		0
123	DÄ–NGÄœSEL BÄ°R EKONOMÄ°YE DOÄžRU: AB27â€™DE MAKROEKONOMÄ°K, Ä†EVRESEL VE TEKNOLOJÄ°K ETKENLERÄ°N ANALÄ°ZÄ° NiÄŸantaÄŸÄ± Ä†4niversitesi Sosyal Bilimler Dergisi, 2023, 11, 163-179.	0.0	0
124	Chemical stress in a largely deformed electrode: Effects of trapping lithium. IScience, 2023, 26, 108174.	4.1	1
125	A case study on bio-oil extraction from spent coffee grounds using fast pyrolysis in a fluidized bed reactor. Case Studies in Chemical and Environmental Engineering, 2023, 8, 100529.	6.1	6
126	Integrating climate change practices in a circular economy contextâ€™The perspective from chemical enterprises. Sustainable Development, 0, , .	12.5	1
127	Investigating the Nexus Between Environmental Information Disclosure and Green Development Efficiency: The Intermediary Role of Green Technology Innovationâ€™a PSM-DID Analysis. Journal of the Knowledge Economy, 0, , .	4.4	1
128	Enhanced safety and strength of cotton fabrics through a novel â€ˆH-shapedâ€™ multiple flame retardant elements agent. International Journal of Biological Macromolecules, 2024, 256, 128457.	7.5	0
129	Electrolyte Strategies Toward Optimizing Zn Anode for Zinc-Ion Batteries. Transactions of Tianjin University, 2023, 29, 407-431.	6.4	1

#	ARTICLE	IF	CITATIONS
130	Preserving Cultural Diversity in Rural Africa Using Renewable Energy. Global Challenges, 0, , .	3.6	0
131	An advanced bibliometric analysis and future research insights on safety of hydrogen energy. Journal of Energy Storage, 2024, 77, 109833.	8.1	1
132	Battling for net zero carbon: the position of governance and financial indicators. Environmental Science and Pollution Research, 2023, 30, 120620-120637.	5.3	1
133	The interplay of mineral and energy security: A nexus approach to Africa's economic diversification. Energy Research and Social Science, 2023, 106, 103336.	6.4	0
134	The Role of the Circular Economy in Fostering Sustainable Economic Growth in the GCC. Sustainability, 2023, 15, 15926.	3.2	0
135	Utilization of Rice Straw into Bioethanol through Biological Pathways. E3S Web of Conferences, 2023, 448, 03003.	0.5	0
136	Analyzing the factors influencing the wind energy adoption in Bangladesh: A pathway to sustainability for emerging economies. Energy Strategy Reviews, 2023, 50, 101265.	7.3	8
137	A Framework for Adoption of Circular Economy Practices for Performance Improvement of Agile New Product Development. Circular Economy and Sustainability, 0, , .	5.5	0
139	Introduction: Africaâ€™s Net Zero Transition. CSR, Sustainability, Ethics & Governance, 2023, , 1-13.	0.3	0
140	Scenarios that Could Give Rise to an African Net-Zero Energy Transition. CSR, Sustainability, Ethics & Governance, 2023, , 263-298.	0.3	0
141	Africaâ€™s Awakening to Climate Action. CSR, Sustainability, Ethics & Governance, 2023, , 299-310.	0.3	0
142	Proposing A Conceptual Model To Explain Middle School Students' Energy Use Intentions. , 2023, 23, 177-198.		0
143	Valorizing argan residues into biofuels and chemicals through slow pyrolysis. Results in Engineering, 2024, 21, 101659.	5.1	0
144	Detecting Abnormality of Battery Lifetime from Firstâ€™Cycle Data Using Fewâ€™Shot Learning. Advanced Science, 2024, 11, .	11.2	1
145	Identified potential of mangosteen peel agricultural waste as electrodes component of a supercapacitor: a study of electrochemical behaviour. Journal of Physics: Conference Series, 2023, 2672, 012013.	0.4	0
146	Assessing the progress toward achieving energyâ€™and climateâ€™related sustainable development goals under four global energy transition outlooks. Sustainable Development, 0, , .	12.5	0
147	Combining natural resources to drive technology and efficiency for a greener economic recovery. Resources Policy, 2024, 89, 104599.	9.6	0
148	A sustainable production-inventory model with CO2 emission, electricity and fuel consumption under quality degradation and stochastic demand: a case study in the agri-food industry. Environment, Development and Sustainability, 0, , .	5.0	1

#	ARTICLE	IF	CITATIONS
149	Smart Grid Pilot Project Evaluation and Recommendations in Indonesia: Case Study of Semau Island. , 2023, , .		0
150	The factors behind block-chain technology that boost the circular economy: An organizational perspective. Technological Forecasting and Social Change, 2024, 200, 123194.	11.6	0
151	The 21 most practiced RE-s of circular economy from LinkedIn company profiles on a global scale. Resources, Conservation & Recycling Advances, 2024, 21, 200202.	2.5	0
152	Policies and Trends to Mitigate Climate Change Impacts by Integrating Solar Photovoltaics in Buildings and Cities: Emphasis on Egyptâ€™s Experience. Innovative Renewable Energy, 2024, , 371-428.	0.4	0
153	Australia's circular economy metrics and indicators. Journal of Industrial Ecology, 2024, 28, 216-231.	5.5	0
154	Mathematical modeling and extraction of parameters of solar photovoltaic module based on modified Newtonâ€™Raphson method. Results in Physics, 2024, 57, 107364.	4.1	2
155	Yenilenebilir Enerji TÃ¼rleri Ãœzerine Bir Sosyal Medya Duygu Analizi. FÃ¼rat Ãœniversitesi Sosyal Bilimler Dergisi, 2024, 34, 319-334.	0.5	0
156	Effect of Different Annealing Temperatures on the Performance of Electrodeposited Cobalt Oxide Thin Films Used to Fabricate Supercapacitor Electrodes. Chemistry Africa, 2024, 7, 2195-2207.	2.4	0
157	Breaking barriers: Unearthing the hindrances to embracing energy economics principles in Nigerian building projects. Energy and Built Environment, 2024, , .	5.9	0
158	Recycling, Re-using, Regeneration, and Recovering of Value-Added Products Petroleum Hydrocarbons Through Circular Economic-Based Approaches. Environmental Science and Engineering, 2023, , 269-285.	0.2	0
159	Education in renewable energies: A key factor of Morocco's 2030 energy transition project. Exploring the impact on SDGs and future perspectives. Social Sciences & Humanities Open, 2024, 9, 100833.	2.2	0
160	The renewable energy challenge in developing economies: An investigation of environmental taxation, financial development, and political stability. Natural Resources Forum, 0, , .	3.6	0
161	Multi-Objective Optimal Power Flow Considering Offshore Wind Farm. Springer Tracts in Nature-inspired Computing, 2024, , 137-156.	0.7	0
162	Financial Subordination and Postcolonial Geographies of Renewable Energy Finance in South Africa: A Critique of the Just Energy Transition Investment Plan. Politeia, 2023, 42, .	0.1	0
163	A comparative study of LSTM-ED architectures in forecasting day-ahead solar photovoltaic energy using Weather Data. Computing (Vienna/New York), 0, , .	4.8	0
164	Delivering double wins: How can Africa's finance deliver economic growth and renewable energy transition?. Renewable Energy, 2024, 224, 120165.	8.9	0
165	Renewable energies and circular economies: A systematic literature review before the ChatGPT boom. Energy Reports, 2024, 11, 2656-2669.	5.1	0
166	Stochastic techno-economic assessment of future renewable energy networks based on integrated deep-learning framework: A case study of South Korea. Chemical Engineering Journal, 2024, 485, 150050.	12.7	0

#	ARTICLE	IF	CITATIONS
167	Climate change and economic development in Africa: A systematic review of energy transition modeling research. <i>Energy Policy</i> , 2024, 187, 114044.	8.8	0
168	Unlocking synergies between waste management and climate change mitigation to accelerate decarbonization through circular-economy digitalization in Indonesia. <i>Sustainable Production and Consumption</i> , 2024, 46, 522-542.	11.0	0
169	Circular Economy for the Energy System as a Leverage for Low-Carbon Transition: Long-Term Analysis of the Case of the South-East Region of France. <i>Energies</i> , 2024, 17, 1407.	3.1	0
171	Power System Generation: Current Trend Towards Sustainable Energy Storage Systems. <i>Springer Proceedings in Materials</i> , 2024, , 47-57.	0.3	0
172	Effect of Fossil Fuel Subsidies on Renewable Energy Transition in Sub-Saharan African Countries. <i>Advances in African Economic, Social and Political Development</i> , 2024, , 429-452.	0.2	0
173	Recent trends on the application of phytochemical-based compounds as additives in the fabrication of perovskite solar cells. <i>Energy Advances</i> , 2024, 3, 741-764.	3.3	0
174	The Role of Green Finance in Fostering Green Startups. <i>Advances in Business Strategy and Competitive Advantage Book Series</i> , 2024, , 265-285.	0.3	0
175	Hydrogen in Africa: Navigating the Continent's Unique Energy Transition Landscape and Unsustainable Energy Supply Backbone. <i>Advances in Science and Technology</i> , 0, , .	0.2	0
176	The Role of Technology in Sustainable Energy Management Policy and Policy Practices in South Africa. , 2023, 58, 838-857.		0