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Center of Biomass and Renewable Energy (CBIORE) Manuscripts accepted in English LCC subjects Look up the Library of Congress Classification Outline Technology: Mechanical engineering and machinery: Renewable energy sources Keywords sustainability engineering environment energy development

3. Renewable energy sources and technology. Renewable energy sources are energy sources from natural and persistent flow of energy happening in our immediate environment. They include: bioenergy, direct solar energy, geothermal energy, hydropower, wind and ocean energy (tide and wave).

Solar Energy Advances, an official journal of the International Solar Energy Society<sup>174</sup>, is an international multi-disciplinary journal with a focus on a broad range of themes relevant to solar energy technology, systems, policy, applications, and its impact on sustainable development, climate .... View full aims & scope \$2750

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The International Journal of Sustainable Energy publishes the latest research on the science and engineering of sustainable energy systems. We publish research papers on: Renewable Energy Sources; Sustainable energy efficiency and sustainable energy conservation ... Impact Factor Best Quartile\*: the journal's highest subject category ranking ...

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We definitely assign minimum three reviewers for each manuscript submitted. The last four years" acceptance rates of IJRER are 26% in 2017, 22% in 2018, 25% in 2019, and 28% in 2020. All ...

maximize the benefits of renewable energy sources while fostering a cleaner and more sustainable future. Overview of renewable energy options Solar energy The most obtainable renewable energy source is solar energy. The sun radiates solar energy at a rate of  $3.8 \times 10^{23}$  kW, from which the Earth captures roughly  $1.8 \times 10^{14}$  kW (Panwar et al. 2011).

Energy Technology is an applied energy journal that provides an interdisciplinary forum for researchers and engineers to share important progress in energy research. We publish articles from all perspectives on technical aspects of energy process engineering, covering the generation, conversion, storage, and distribution of energy.

\*Please note that the International Journal of Sustainable Energy converted to a full Open Access journal from Volume 42 (2023). Previous volumes will continue to provide access through a Pay to Read model. The International Journal of Sustainable Energy publishes the latest research on the science and engineering of sustainable energy systems. We publish research papers on:

The results presented in this paper stem from the International Renewable Energy Agency's (IRENA) in-depth global energy modelling framework - REmap ... Energy intensity by factor in the Reference Case and Remap, 2050. ... the potential of a renewable energy technology to provide water heating in the building sector. This potential of the ...

This paper empirically investigates to what extent environmental education (EE) at school can explain variation in environmental literacy of 15-year-olds in Colombia, while controlling for several other student- and school-level confounding factors. We use a two-level nested model, where the individual observations are nested within schools. Based on the ...

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International Journal of Renewable Energy Technology is an academic journal published by Inderscience Enterprises Ltd.. The journal publishes majorly in the area(s): Renewable energy ...

Renewable Energy is no longer a niche sector of novel technologies, and we have now implemented renewable energy to a scale where it is expected to triple capacity globally power by 2030 and increase more than 10x by 2050. This integration has had a significant impact on conventional energy ... View full aims & scope \$

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Ali S et al. Renewable and non-renewable energy and its impact on environmental quality in South Asian countries. Forman Journal of Economic Studies. 2017; 13:177-194; 6. Chil&#225;n JCH et al. Social impact of renewable energy sources in the province of Loja: Ecuador. International Journal of Physical Sciences and Engineering. 2018; 2 (1):13-25; 7.

Motivated by energy security issues and climate change, developing renewable energy and realizing energy transformation have become important energy strategies of many countries at the time of writing. Renewable energy technology (RET) innovation exerts a significant impact on improving energy structure, energy conservation, and emission reduction.

The objective of IJRET is to provide a means for the publication and interchange of information, on an international basis, on all aspects of renewable energy technology. It aims to highlight contributions describing the development of techniques of the different marine ...

The International Journal of Renewable Energy Development (IJRED) is an open access and peer-reviewed journal published by the Center of Biomass and Renewable Energy (CBIORE) at Diponegoro University in Indonesia. The journal aims to promote renewable energy research and development, and to provide a link between scientists and practitioners.

Resource information. Archival Status. Title proper: International journal of renewable energy technology. Country: United Kingdom. Medium: Online. Digital Archives: CLOCKSS Archive, ...

International Journal of Precision Engineering and Manufacturing-Green Technology centers on the "green" aspects of precision engineering and manufacturing. ... Highlights the manufacturing of new and renewable energy devices. ... 5-year Journal Impact Factor 4.8 (2023) Submission to first decision (median) 26 days. Downloads

Globally increasing energy demand has had a significant impact on development. In Malawi, the net metering policy, which is part of the framework for independent power producers, has the...

Transition to Renewable Energy Systems Edited by: Detlef Stolten, ... international BMC journal, that

particularly welcomes articles from the field of novel energies. ... Citation Impact 2023 Journal Impact Factor: 4.6 5-year Journal Impact Factor: 4.7 Source Normalized Impact per Paper (SNIP): 1.350 SCImago Journal Rank (SJR): 1.066. Speed 2023

The Journal of Renewable and Sustainable Energy (JRSE) is an interdisciplinary, peer-reviewed journal covering discovery, generation, conversion and end-use of renewable and sustainable energy (RSE) relevant to the physical science and engineering communities. Specifically, JRSE focuses on new insights or creative methodologies that addresses the challenges of ...

This study proposed both renewable and non-renewable energy types to measure energy efficiency and environmental sustainability in China. Furthermore, this study adds technology as an auxiliary factor for energy efficiency and sustainability to resource efficiency.

Cheaper, affordable, and clean energy is a requirement to achieve sustainable development goals (Zakari et al. 2022; Opoku et al. 2024) can be argued that improving productivity will significantly reduce CO<sub>2</sub> emissions from the energy sector. At the same time, the establishment of renewable energy sources will accelerate the movement towards a carbon ...

Materials for Renewable and Sustainable Energy is an open access journal, focusing on research for renewable and sustainable energy technologies. ... Journal Impact Factor 3.6 (2023) 5-year Journal Impact Factor 4.2 (2023) Submission to first decision (median) ... 272,318 (2023) Societies and partnerships. IEREK International Experts for ...

Promoting sustainable economic development from the perspective of energy technology is crucial, given limited energy resources and severe environmental pollution. Based on the panel data of China's provinces from 2000 to 2017, we empirically explore the complex relation among energy technology innovation, regional economic growth, and total factor ...

International Journal of Energy Research, 9895219; First Published: 28 August 2024; ... Least-Cost for High Renewable Energy Share in the Distributed Energy System through Integrated Supply and Demand Side Management. ... A Review on Solid Oxide Fuel Cell Technology: An Efficient Energy Conversion System. Amit Talukdar, Amrit Chakrovorty ...

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