

Alexandria Engineering Journal. Volume 60, Issue 6, December 2021, ... SCOPUS, Web of Science and Google Scholar). 3. ... Renewable energy sources as an alternative energy source in South Africa can seriously reduce the over-reliance on coal which is a finite and environmentally unfriendly resource. Furthermore, the development of the renewable ...

The journal seeks to promote and disseminate knowledge of the various topics and technologies of renewable energy and therefore aimed at assisting researchers, economists, manufacturers, world agencies and societies to keep abreast of new developments in their specialist fields and to unite in finding alternative energy solutions to current ...

Key topics covered in the journal include, but not limited to (the focus must be on applied aspects of energy): Renewable energy resources and technologies. Energy networks and Smart Grid. Microgrids and local energy systems . Energy systems for Carbon Neutrality (climate mitigation and adaptation) Integrated multi-energy systems and sector ...

Great news for Solar Energy Advances (SEA), the first ever fully open access journal publication by ISES: the journal is now indexed by Scopus and will receive its first CiteScore in 2024.. The current CiteScore for SEA is listed with 3.9.. Started in 2021, the journal is lead by Professor Denia Kolokotsa (Technical University of Crete, Greece) and covers a broad ...

The development of society is inseparable from the usage of energy. With the increasing global population and the development of the economy and society, the rising demand for energy of daily life and production is an inevitable trend (Hosseini and Wahid, 2014). This process's large-scale use of fossil fuel has led to their severe depletion (Hosseini and Abdul ...

The second paper [121], PEG (poly-ethylene glycol) with an average molecular weight of 2000 g/mol has been investigated as a phase change material for thermal energy storage applications. PEG sets were maintained at 80 °C for 861 h in air, nitrogen, and vacuum environment; the samples maintained in vacuum were further treated with air for a period of ...

Renewable Energies is a scientific journal whose main goal is to be a reference for publishing the more recent advances in renewable energies, including solar photovoltaic, solar thermal, wind, hydraulic, biomass, geothermal, biogas, and oceanic energy. The reported advances will focus on new components and systems, technology perspectives, operation and ...

Energy & Environment is an interdisciplinary journal inviting energy policy analysts, natural scientists and engineers, as well as lawyers and economists to contribute to mutual understanding and learning. The journal

encourages dialogue between the social sciences as energy demand and supply are observed and analysed with reference to politics of policy ...

Renewable energy resources are listed with details on the main basis from which they are derived in Table 2, while non-renewable energy resources grouped by resource type are given in Table 3. Data from the IEA (2020, 2021) on global production of the energy resources are also provided for the most significant resources in terms of quality.

*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:

Posted: 2024-06-20 : Aim of IJRER : The International Journal of Renewable Energy Research (IJRER) seeks to promote and disseminate knowledge of the various topics and technologies of renewable (green) energy resources. The journal aims to present to the international community important results of work in the fields of renewable energy research, development, application, ...

The first registered research on gender impact on renewable energy was found in the WoS and Scopus database in the early 1990s, titled "From Rio to Beijing: Engendering the energy debate" by Elizabeth W. Cecelski, published in an Elsevier journal "Energy Policy". ... published in the Journal of Renewable Energy in 2013, has the highest ...

The social acceptance of renewable energies is crucial for the success of the energy transition process and the fight against climate change. The concept was first mentioned in 1984, but it was not until the beginning of the twenty-first century that scientific interest in the subject became widespread. This interest led to the production of extensive, heterogeneous, ...

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A peer-reviewed, open access journal in biofuels, biomass energy, geothermal energy, hydropower, wind power & solar energy. ... Renewable Energy Research and Applications RERA. 2717-252X (Print) / 2676-7430 (Online) Website ISSN Portal ...

Renewable energy transition is the initiative of the global energy sector to move away from fossil fuels (such as natural gas, oil, and coal) towards renewable energy sources (Hassan et al., 2024). The environmental Kuznets curve (EKC) illuminates the intricate association between environmental decline and economic growth (Wang et al., 2024b) and it is considered ...

Discover Energy is an open access journal publishing research across the full range of disciplines concerned with energy and the science and technology of energy research.. Indexed in DOAJ. Covering theory, development and applications in the field of energy and fuel. A Discover journal focused on speed of submission and review, service, and integrity.

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. ...

Renewable energy (RE) is the key element of sustainable, environmentally friendly, and cost-effective electricity generation. An official report by International Energy Agency (IEA) states that the demand on fossil fuel usage to generate electricity has started to decrease since year 2019, along with the rise of RE usage to supply global energy demands.

Renewable energy initiatives are required to achieve carbon neutrality, which is a primary goal of mitigating climate change. Renewable energy is attaining attention as it is environmentally friendly and more effective than typical forms of energy. For a sustainable environment, the latest green energy techniques like wind energy, are predominantly ...

Recognizing the role of renewable energy as an input to production processes and real GDP as a measure of an economy's output (and economic growth), we specify a production equation in the neoclassical economic growth framework, with renewable energy consumption alongside the usual capital and labour inputs to analyse the potential impact ...

Energy communities are playing an important role in the transition from a traditionally centralized energy market dominated by fossil fuels to a more decentralized and democratized one (Brisbois, 2020; Mucha-Ku? et al., 2021), enabling citizens to be the main actors of energy transition. New governance models have been created in Europe as a result ...

Renewable Energy Focus (Journal) Arent, D. (Editor in chief) Director; Activity: Publication peer-review and editorial work > Editorial work. Period: 0001: Type of journal: Journal: ISSN: 1755-0084: Powered by Pure, Scopus & Elsevier Fingerprint Engine ...

Smart Grids and Sustainable Energy is a journal dedicated to evolving and applying smart grids and sustainable energy systems, focusing on technological, operational, and regulatory aspects. Explores smart grid technologies, microgrids, and automation in energy systems. Emphasizes sustainable energy technology and management strategies.

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