

Filename	Cluster
Synergies and potential of hybrid solar photovoltaic-thermal desalination technologies.pdf	0
Voltage_Sensorless_Based_Model_Predictive_Control_With_Battery_Management_System_For_Solar_PV_Powered_On-Board_EV_Charging.pdf	0
Optimal economic scheduling of microgrids considering renewable energy sources based on energy hub model using demand response and improved water wave optimization algorithm.pdf	0
Performance_Evaluation_Of_Grid-scale_Battery_Energy_Storage_System_Employing_Virtual_Synchronous_Generator_Control_For_Grid_Code_Compliance_In_Weak_Grids.pdf	0
Optimal day-ahead large-scale battery dispatch model for multi-regulation participation considering full timescale uncertainties.pdf	0
Strategies to save energy in the context of the energy crisis_a review.pdf	0
Design and investigation of PV string:central architecture for bayesian fusion technique using grey wolf optimization and flower pollination optimized algorithm.pdf	0
Stochastic coordinated operation of wind and battery energy storage system considering battery degradation.pdf	0
Optimal Grid Flexibility Assessment for Integration of Variable Renewable-Based Electricity Generation.pdf	0
Introduction to grid-scale battery energy storage system concepts and fire hazards.pdf	0
Impacts of grid-scale battery systems on power system operation, case of Baltic region.pdf	0
Investigating the role of nuclear power and battery storage in Hungary's energy transition using hourly resolution electricity market simulations.pdf	0
An improved genetic algorithm based fractional open circuit voltage MPPT for solar PV systems.pdf	0
A comprehensive study of renewable energy sources_Classifications, challenges and suggestions.pdf	0
State-of-Charge_Balancing_Control_for_ON_OFF-Line_Internal_Cells_Using_Hybrid_Modular_Multi-Level_Converter_and_Parallel_Modular_Dual_L-Bridge_in_a_Grid-Scale_Battery_Energy_Storage_System.pdf	0
Techno-economic optimization of hybrid photovoltaic:wind generation together with energy storage system in a stand-alone micro-grid subjected to demand response.pdf	0
Real-Time_Energy_Storage_Management_for_Renewable_Integration_in_Microgrid_An_Off-Line_Optimization_Approach.pdf	0
Assessing new transmission and energy storage in achieving increasing renewable generation targets in a regional grid.pdf	0
Feasibility study of an islanded microgrid in rural area consisting of PV, wind, biomass and battery energy storage system.pdf	0
A review of solar hybrid photovoltaic-thermal (PV-T) collectors and systems.pdf	0
Challenges and Mitigation Measures in Power Systems with High Share of Renewables—The Australian Experience.pdf	0
Early prediction of battery degradation in grid-scale battery energy storage system using extreme gradient boosting algorithm.pdf	0
Enhancing resource efficiency through the utilization of the green bond market_An empirical analysis of Asian economies.pdf	1
Toward fostering environmental innovation in OECD countries-Do fiscal decentralization, carbon pricing, and renewable energy investments matter.pdf	1
Research on the evolution of China's photovoltaic technology innovation network from the perspective of patents.pdf	1
The Impact of Economic Corridor and Tourism on Local Community's Quality of Life under One Belt One Road Context.pdf	1
Weather Impact on Solar Farm Performance_A Comparative Analysis of Machine Learning Techniques.pdf	1
Modeling the linkage between climate-tech, energy transition, and CO2 emissions_Do environmental regulations matter?.pdf	1
Solar Energy_Applications, Trends Analysis, Bibliometric Analysis and Research Contribution to Sustainable Development Goals (SDGs).pdf	1
Green innovation, foreign investment and carbon emissions_a roadmap to sustainable development via green energy and energy efficiency for BRICS economies.pdf	1
Race to carbon neutrality in South Africa_What role does environmental technological innovation play?.pdf	1
Fiber Optic Sensing Technologies for Battery Management Systems and Energy Storage Applications.pdf	2
Detection of False Data Injection Attacks in Battery Stacks Using Input Noise-Aware Nonlinear State Estimation and Cumulative Sum Algorithms.pdf	2
Estimating global production and supply costs for green hydrogen and hydrogen-based green energy commodities.pdf	3
Using electrolytic hydrogen production and energy storage for balancing a low carbon electricity grid_Scenario assessments for India.pdf	3
Role of power-to-gas in an integrated gas and electricity system in Great Britain.pdf	3
The economics and the environmental benignity of different colors of hydrogen.pdf	3
Techno-economic evaluation of hydrogen and ammonia as energy carriers in a multi-generation system.pdf	3
Environmental impact of renewable energy source based electrical power plants_Solar, wind, hydroelectric, biomass, geothermal, tidal, ocean, and osmotic.pdf	3
Generation of green hydrogen using self-sustained regenerative fuel cells_Opportunities and challenges.pdf	3
Photocatalytic H2O2 production Systems_Design strategies and environmental applications.pdf	3
Recent advancement and assessment of green hydrogen production technologies.pdf	3
Utilization of green ammonia as a hydrogen energy carrier for decarbonization in spark ignition engines.pdf	3
Highly efficient adsorption and removal bio-staining dye from industrial wastewater onto mesoporous Ag-MOFs.pdf	3
A review on global warming potential, challenges and opportunities of renewable hydrogen production technologies.pdf	3
A Prompt Decarbonization Pathway for Shipping_Green Hydrogen, Ammonia, and Methanol Production and Utilization in Marine Engines.pdf	3
Electrolysis of low-grade and saline surface water.pdf	3
Electrocatalytic seawater splitting_Nice designs, advanced strategies, challenges and perspectives.pdf	3
Novel Pt-carbon core–shell decorated hierarchical CoMo2S4 as efficient electrocatalysts for alkaline:seawater hydrogen evolution reaction.pdf	3
Techno-economic assessment of green hydrogen and ammonia production from wind and solar energy in Iran.pdf	3
Arming Ru with Oxygen-Vacancy-Enriched RuO2 Sub-Nanometer Skin Activates Superior Bifunctionality for pH-Universal Overall Water Splitting.pdf	3
Recent advances in ammonia synthesis technologies_Toward future zero carbon emissions.pdf	3
Tuning Mass Transport in Electrocatalysis Down to Sub-5 nm through Nanoscale Grade Separation.pdf	3
A short review on generation of green fuel hydrogen through water splitting.pdf	3
The economics of global green ammonia trade – “Shipping Australian wind and sunshine to Germany”.pdf	3
A Perspective on the Overarching Role of Hydrogen, Ammonia, and Methanol Carbon-Neutral Fuels towards Net Zero Emission in the Next Three Decades.pdf	3
Risk-constrained stochastic scheduling for energy hub_Integrating renewables, demand response, and electric vehicles.pdf	4
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.pdf	4
Semi-supervised adversarial discriminative learning approach for intelligent fault diagnosis of wind turbine.pdf	4
ERA5_The new champion of wind power modelling?.pdf	4
Optimal Prediction Intervals of Wind Power Generation.pdf	4
Wind speed forecasting based on the hybrid ensemble empirical mode decomposition and GA-BP neural network method.pdf	4
Dealing with multiple decades of hourly wind and PV time series in energy models_ A comparison of methods to reduce time resolution and the planning implications of inter-annual variability.pdf	4
Bacterial Growth-Induced Tobramycin Smart Release Self-Healing Hydrogel for Pseudomonas aeruginosa-Infected Burn Wound Healing.pdf	5
Polyanion-type electrode materials for advanced sodium-ion batteries.pdf	6
Sodium-Ion Battery Materials and Electrochemical Properties Reviewed.pdf	6
Recent Progress in Rechargeable Sodium-Ion Batteries_toward High-Power Applications.pdf	6
Rechargeable Zinc Alkaline Anodes for Long-Cycle Energy Storage.pdf	6
Electrode Blocking Due to Redox Reactions in Aluminum Chloride-Sodium Iodide Molten Salts.pdf	6
Model_Predictive_Current_Control_of_Nine-Phase_Open-End_Winding_PMSMs_With_an_Online_Virtual_Vector_Synthesis_Strategy.pdf	7
Potential-Driven Restructuring of Cu Single Atoms to Nanoparticles for Boosting the Electrochemical Reduction of Nitrate to Ammonia.pdf	8
Applications of Green Synthesized Metal Nanoparticles – a Review.pdf	8
A review of carbon dots in synthesis strategy.pdf	8
Supplementary Materials for La- and Mn-doped cobalt spinel oxygen evolution catalyst for proton exchange membrane electrolysis.pdf	8
Defective TiO2–x for High-Performance Electrocatalytic NO Reduction toward Ambient NH3 Production.pdf	8
Electrochemical C–N coupling of CO2 and nitrogenous small molecules for the electrosynthesis of organonitrogen compounds.pdf	8
The reformation of catalyst_From a trial-and-error synthesis to rational design.pdf	8
Co doping regulating electronic structure of Bi2MoO6 to construct dual active sites for photocatalytic nitrogen fixation.pdf	9
The merit-order effect in the Italian power market_The impact of solar and wind generation on national wholesale electricity prices.pdf	10