

1.	Record Nr.	UNISA990001036110203316
	Titolo	Helvetica physica acta / Schweizerische Physikalische Gesellschaft
	Pubbl/distr/stampa	Basel : Birkhaeuser
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	Soggetti	Fisica -- Periodici
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Periodico
	Note generali	Comincia nel 1928 Descrizione basata su Vol.72, n.1(1999).
2.	Record Nr.	UNINA9910735775503321
	Autore	Baeyens Jan
	Titolo	Proceedings of 2022 4th International Conference on Environment Sciences and Renewable Energy : Selected Topics on New Developments in Environmental and Energy Technologies / / edited by Jan Baeyens, Raf Dewil, Barbara Rossi, Yimin Deng
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
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	Descrizione fisica	1 online resource (247 pages)
	Collana	Environmental Science and Engineering, , 1863-5539
	Altri autori (Persone)	DewilRaf RossiBarbara DengYimin
	Disciplina	363.7
	Soggetti	Ecology Renewable energy sources Wind power Refuse and refuse disposal Pollution Environmental Sciences Renewable Energy Wind Energy Waste Management/Waste Technology

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Pollution Risk Assessment of Oil Spill Accidents in the Liao-dong Bay of China -- Research on Ecosystem Status Evaluation of Open-pit Mines -- Antioxidant Response in the Respiratory Tree of Sea Cucumber <i>Apostichopus japonicas</i> Following Acute Exposure to Merey Crude Oil -- Robust Real-time Updating of Real-time Flood Forecasting System Based on Kalman Filter -- Effect of Compost and Humus of Organic Solid Waste on the Reduction of Cadmium in the Soil and in Different Organic of Seedlings <i>Theobroma Cacao</i> (CACAO) In Nursery -- Influence of Different Particle Sizes of Sediment Laden Flow on Erosion Rate of Tailings Dam -- Properties of Porous Concrete Using Expanded Polystyrene (EPS) Foam Waste as Cement Binder Admixture -- Building a sustainable municipal solid waste treatment system in Japan- A critical review -- Geotourism and the Effects Caused by Solid Waste in the Tourist Attraction of Geological Formations of Torre Torre -- Huancayo, Peru -- Utilization of New Fly Ash Type from Selective Catalytic Reduction (SCR) Process as an Additive in Portland Cement -- Experimental Study on the Dynamic Responses of a 2 MW Cross-shaped Multi-column Spar Floating Offshore Wind Turbine -- New Promising Modified Activated Carbons for CH₄ and CO₂ Adsorption -- Optimization of a Dual-Chamber Microbial Fuel Cell for the Biodegradation of Acetaminophen -- Study on the Relationship between Energy Consumption of Shipbuilding and Shipbuilding Costs -- Analysis and Research on Basic Structure of the PID Steam Pressure System -- Hydrogen Production by Catalytic Conversion of Ammonia -- Concentrated solar power receiver with fluidized particles: experiments and simulations define the hydrodynamic and thermal characteristics.
Sommario/riassunto	This book consists of selected papers from the 2022 4th International Conference on Environment Sciences and Renewable Energy, which was held as a fully virtual conference during May 27–29, 2022. The book overviews the latest progress in environmental and energy technologies with a specific focus on wind turbines and hydrogen production. In the field of environmental science, wastewater treatment, air pollution abatement, solid waste treatment, and general policy recommendations are discussed. Technology advances, especially in wastewater nutrients and micropollutant removal, are covered. In policy measures, cost allocations, optimum recycling strategies, and environmental footprint allocations of different environmental technologies are included. In the field of renewable energy, several hot topics, including solar cells, offshore floating wind turbines, and renewable energy resource potentials in different regions are considered.