1. Record Nr. UNINA9910894363503321

Titolo	International journal of engineering and technology
Pubbl/distr/stampa	[Chennai, India], : Engg Journals Publications, [2009]-
Soggetti	Engineering Technology Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed "IJET covers all areas of engineering and technology, publishing refereed research articles, survey articles, and technical notes."

2. Record Nr. UNINA9910743381103321

Titolo	Advances in Thermofluids and Renewable Energy : Select Proceedings of TFRE 2020 / / edited by Pinakeswar Mahanta, Pankaj Kalita, Anup Paul, Abhik Banerjee
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2022
ISBN	981-16-3496-3 981-16-3497-1
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (681 pages)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	621.042
Soggetti	Fluid mechanics Thermodynamics Heat engineering Heat transfer Mass transfer Solar energy Buildings - Environmental engineering Wind power Engineering Fluid Dynamics Engineering Thermodynamics, Heat and Mass Transfer Solar Thermal Energy Building Physics, HVAC Wind Energy

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Bio-heat transfer analysis for laser based therapeutic applications -- Perturbation and MAPLE quadrature computation of thermo-solutal dissipative reactive convective flow in a geothermal duct with robin boundary conditions -- Fluid structure interaction analysis in an atherosclerosis carotid artery -- Effect of substrate inclination on post impact dynamics of droplets -- Modelling and analysis of dusty fluid flow past a vertical surface with exothermic and endothermic kind of chemical reactions -- Entropy generation analysis and slip effects on nanofluid flow with heat and mass transfer -- Influence of isothermal cylinders at different shape and separation angle in a rectangular channel on mixed convection flows -- Rheology of power- law nano-fluid flow past a stretching sheet.
Sommario/riassunto	This book comprises the select proceedings of the International Conference on Recent Trends in Developments of Thermofluids and Renewable Energy (TFRE 2020). The major topics covered include aerodynamics, alternate energy, bio fuel, bio heat transfer, computational fluid dynamics, control mechanism for constant power generation, and energy storage. The book also discusses latest developments in the fields of electric vehicles, hybrid power systems, and solar and renewable energy. Given the scope of its contents, this book will be useful for students, researchers, and professionals interested in the field of thermofluids and renewable energy resources. .