

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
2022 - 2023					
Experimental investigations on a solar heat pump system having hybrid collector with dual cooling arrangements for delaying frost generation.	M. Mohanraj	Mechanical Engineering	Thermal Science and Engineering Progress	2023	39; 101720
Efficacy of refrigerants in thin metallic coated wickless heat pipes; a comparative study.	M. Mohanraj	Mechanical Engineering	Journal of Processes Mechanical Engineering	2023	Accepted
Exergetic performance of a jet impingement bifacial photovoltaic-thermal (PVT) solar air collector with different packing factors and jet distributions.	M. Mohanraj	Mechanical Engineering	Heat Transfer Engineering.	2023	Accepted
Health Care Assistive System in Hospital for Doctor to View the Patient's Parameter in a Cloud Database using Light Fidelity	J.Manikandan	Mechanical Engineering	Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC-2022).	2022	22446018
Power Flow Analysis of Transient Stability in Microgrids used in Power Stations	J.Manikandan	Mechanical Engineering	Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC-2022).	2022	22446001
Deep Learning Features Restoration and Regional Longitudinal Fitting of Computed Tomography Images using Convolution Neural Network	J.Manikandan	Mechanical Engineering	Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC-2022).	2022	22445946
An Arduino Uno Controlled Fire Fighting Robot for Fires in Enclosed Spaces	J.Manikandan	Mechanical Engineering	Proceedings of the Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC-2022)IEEE Xplore	2022	22445934
Artificial Intelligence and Advanced Technology based Bridge Safety Monitoring System	J.Manikandan	Mechanical Engineering	Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC-2022).	2022	22445927
Wind Energy System using Boost Converter with Three Phase Inverter	J.Manikandan	Mechanical Engineering	Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC-2022).	2022	22445987
Metal Oxide Semiconductor Nanostructures Surface Properties for Gas Sensing – A Review	J.Manikandan	Mechanical Engineering	Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC-2022).	2022	22445845
Machine Learning and Advanced Technology Based Patient Health Monitoring System	J.Manikandan	Mechanical Engineering	2022 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)	2022	22445989

Design of a Bottleneck Layered DNN Algorithm for Intrusion Detection System	J.Manikandan	Mechanical Engineering	IRO Journal on Sustainable Wireless Systems	2022	2582-3167
Feasibility study on raw Simarouba glauca oil as an alternate fuel in a diesel engine and comparative assessment with its esterified oil	P. Jeyalakshmi, M. Mohanraj	Mechanical Engineering	Fuel	2022	327 (2022) 125168
2021 - 2022					
Thermal Response Measurement and Performance Evaluation of Borehole Heat Exchangers: A Case Study in Kazakhstan	Mohanraj Murugesan	Mechanical Engineering	Energies	2022	1996-1073
Experimental and Theoretical Investigations of a Ground Source Heat Pump System for Water and Space Heating Applications in Kazakhstan	Mohanraj Murugesan	Mechanical Engineering	Energies	2022	1996-1073
Environmentally Conscious Manufacturing and Life Cycle Analysis: A State-of-the-Art Survey	Kannan Subramanian	Mechanical Engineering	Journal of Nanomaterials	2022	1687-4110
Heat Index Based Optimisation of Primary Process Parameters in Friction Stir Welding on Light Weight Materials	L. Karthick	Mechanical Engineering	Advances in Materials Science and Engineering	2022	1687-8434
Thermal performance, cost effectiveness and environment analysis of a heat pump assisted regenerative solar still using slack wick wax as heat storage material	M. Mohanraj	Mechanical Engineering	Sustainable Energy Technologies And Assessments	2022	2213-1388
Effect of microwave sintering on the microstructure and tribological behaviour of Ti-3Al-2.5V-xWC composites.	M. Mohanraj b	Mechanical Engineering	Tribology International	2022	0301-679X
Second law based thermodynamic analysis of crushed gravel sand and biomass evaporator assisted solar still.	M. Mohanraj	Mechanical Engineering	Sustainable Energy Technology and Assessments	2022	2213-1388
Influence of rotation speeds on microstructure and mechanical properties of welded joints of friction stir welded AA2014-T6/AA6061-T6 alloys.	M Mohanraj	Mechanical Engineering	Journal of Processes Mechanical Engineering.	2022	0954-4089
Modelling of Urea Hydrolysis Kinetics using Genetic Algorithm coupled Artificial Neural Networks in Urease Immobilized Magnetite Nanoparticles.	Muthulingam Seenuvasan, Mohanraj Murugesan	Mechanical Engineering	Chemosphere	2022	0045-6535
Feasibility study on raw Simarouba glauca oil as an alternate fuel in a diesel engine and comparative assessment with its esterified oil	P. Jeyalakshmi, M. Mohanraj	Mechanical Engineering	Fuel	2022	0016-2361

Over Feat Network Algorithm for Fabric Defect Detection in Textile Industry	J.Manikandan	Mechanical Engineering	Journal of Innovative Image Processing	2022	2582-4252
Improved Methodology of SVM to Classify Acoustic Signal by Spectral Centroid	J.Manikandan	Mechanical Engineering	Journal of Trends in Computer Science and Smart Technology	2022	2582-4104
Design of a Bottleneck Layered DNN Algorithm for Intrusion Detection System	J.Manikandan	Mechanical Engineering	IRO Journal on Sustainable Wireless Systems	2022	2582-3167
Optimizing the Performance of an Automatic Clamping System for Gear-Shaping Machines	Dr.C.Nithyanandam	Mechanical Engineering	International Journal of Scientific Research in Engineering and Management	2022	2582-3930
A Machine to make Soap from used Cooking oil using Semi-Automatic Process	Dr.C.Nithyanandam	Mechanical Engineering	International Journal of Current Science	2022	2250-1770
Design and Analysis of Centrifugal Pump Impeller Made of Glass Fiber Material	Dr.C.Nithyanandam	Mechanical Engineering	International Journal of Research and Analytical Reviews	2022	2348-1269
Rapid Prototyping Technology	Dr.C.Nithyanandam	Mechanical Engineering	International Journal of Research in Engineering and Science	2022	2320-9364
CFD analysis of rotating diffuser in a SUV vehicle for improving thermal comfort	L.Karthick, D.Prabhu, K.Rameshkumar, T.Prabhu, C.A.Jagadish	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853
A comparison and analysis of mechanical properties of glass fiber and banana fiber composite	L.Karthick, S.Sivakumar, A.Sasikumar, A.Prabhu	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853
Modelling and analysis of an EN8 crankshaft in comparison with AISI 4130 crankshaft material	L.Karthick, Joseph Michel	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853
Vehicle safety system for two wheeler - A critical review	L. Karthick, Joseph Michel, C.A. Jagadish	Mechanical Engineering	Materials Today: Proceedings	2022	2214-7853
Environmentally Conscious Manufacturing and Life Cycle Analysis: A State of the Art Survey	Kannan Subramanian	Mechanical Engineering	Hindawi Journal of Nano Materials	2022	1687-4110
Influence of Nano-/Microfiller Addition on Mechanical and Morphological Performance of Kenaf/Glass Fibre-Reinforced Hybrid Composites	L.Karthick	Mechanical Engineering	Hindawi Journal of Nano Materials	2022	1687-4110
Energy performance of a compression refrigeration cycle using environment-friendly refrigerants	L.Karthick	Mechanical Engineering	Materials today Proceedings	2022	2214-7853

CFD modeling of a gravel coarse aggregate sensible heat storage assisted single slope solar still	M.Mohanraj	Mechanical Engineering	Desalination and Water Treatment	2021	1944-3994
Experimental thermodynamic performance analysis of semi-transparent photovoltaic-thermal hybrid collectors using nanofluids	Mohanraj M	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021	0954-4119
Studies on adhesion strength and corrosion behavior of ZnO-Mg coated on AISI 4140	Mohanraj Murugesan	Mechanical Engineering	Surfaces and Interfaces	2021	2468-0230
Thermally Radiative Casson Fluid Flow over a Cylinder with Newtonian Heating and Heat generation /absorption	M.Mohanraj	Mechanical Engineering	Journal of Physics: Conference Series	2021	1742-6588
Optimization on Aircraft Landing Schedule Problems by Cuckoo Search Algorithm	Dr.C.Nithyanandam Dr.P.N.Karthikeyan	Mechanical Engineering	Tierärztliche Praxis	2021	0303-6286
Photovoltaic thermal collector assisted heat pumps using environment-friendly working fluids	M. Mohanraj	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021	0954-4119
Effect of the Reinforcement Phase on Indentation Resistance and Damage Characterization of Glass/Epoxy Laminates Using Acoustic Emission Monitoring	S. Kannan	Mechanical Engineering	Advances in Materials Science and Engineering	2021	1687-8434
Assessment of single slope solar still using block & disc magnets via productivity, economic, & enviro-economic perspectives : A comparative Study	Murugesan Mohanraj	Mechanical Engineering	Environmental Science and Pollution Research	2021	1614-7499
Experimental investigations on jet impingement solar air collectors using pin-fin absorber	M Mohanraj	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021	0954-4119
Performance analysis of crushed gravel sand heat storage and biomass evaporator-assisted single slope solar still	Murugesan Mohanraj	Mechanical Engineering	Environmental Science and Pollution Research	2021	1614-7499
Energy-Efficient Operation of PV-T Solar Collectors with Heat Pump based Water Heaters Suitable for Domestic Applications	M. Mohanraj	Mechanical Engineering	International Journal of Mathematics and Physics	2021	2409-5508
Analysis and optimization of hot extrusion process on strenx steel 900	P.N. Karthikeyan	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853

Performance analysis of peel test on fused filament fabricated polypropylene-aluminium	S. Kannan	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853
2020-2021					
Thermodynamic analysis of single slope solar still using graphite plates and block magnets at seasonal climatic conditions	M Mohanraj	Mechanical Engineering	Water Science And Technology	2021	1996-9732
Investigation of solar air heater with phase change materials using packed bed absorber plate	R. Arul Kumar	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853
Modelling and Analysis of an EN8 crankshaft material in comparison with Forged steel crankshaft	Karthick L., Mallireddy N., Yogaraja J., Sivakumar S., Sasikumar A.	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853
Energy, exergy, economic and enviro-economic (4E) analysis of gravel coarse aggregate sensible heat storage-assisted single-slope solar still	M. Mohanraj	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2021	1388-6150
Experimental studies on direct expansion solar thermal heat pump systems using R430A as a substitute to R134a	Mohanraj M	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2021	0954-4119
Impact of third-grade nanofluid flow across a convective surface in the presence of inclined Lorentz force: an approach to entropy optimization	M. Mohanraj	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2021	1388-6150
Numerical analysis of Modified tooth in Spur Gear for increasing the performance using fool proofing technology	Karthick L., Shanmugasundaram A., Jagadish C.A., Prabhu T., Vidya Prakash S.	Mechanical Engineering	Materials Today: Proceedings	2021	2214-7853
Monitoring the neural network modelling of wear behavior of Ti-6Al-4V reinforced with nano B4C particle	M. Mohanraj	Mechanical Engineering	Materials Today: Proceedings.	2021	2214-7853
Wetting phase transition of grain boundaries and material performance of novel Inconel 718	Mohanraj Murugesan	Mechanical Engineering	Materials Letters	2021	0167-577X
Evaluation of welding strength and optimization on seam welding of domex steel	J. Manikandan	Mechanical Engineering	Journal of Materials today Proceedings	2021	2214-7853

Investigations on Machining Performance of Monel 400 Super Alloy	Dr.C.Nithyanandam, Dr.P.N.Karthikeyan, Mr.M.Maheshkumar , Mr. M.Samuel	Mechanical Engineering	International Journal of Innovations in Engineering and Technology	2021	2319-1058
Experimental assessments on R430A as an environment-friendly replacement to R134a in vehicle air conditioners	M. Mohanraj	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2021	1806-3691
Grain size refinement, texture analysis and effect on the tensile properties of a novel Inconel 718	Mohanraj Murugesan	Mechanical Engineering	Materials Letters	2021	0167-577X
Performance and economic analysis of a heat pump water heater assisted regenerative solar still using latent heat storage	M. Mohanraj, L. Karthick	Mechanical Engineering	Applied Thermal Engineering	2021	1359-4311
Thermal analysis of heat pump systems using photovoltaic-thermal collectors: a review	M. Mohanraj	Mechanical Engineering	Journal of Thermal Analysis & Calorimetry	2021	1588-2926
Optimization of performance of coarse aggregate-assisted single-slope solar still via Taguchi approach	Murugesan Mohanraj	Mechanical Engineering	Journal of Renewable Energy & Environment	2021	1906-4918
Performance improvements of single slope solar still using graphite plate fins and magnets	Murugesan Mohanraj	Mechanical Engineering	Environmental Science and Pollution Research	2021	1614-7499
Shape modification of automatic actuated fire Sprinkler (AAFS) made up of NiTiNi spring	Y.Ras Mathew	Mechanical Engineering	Journal of the Balkan Tribological Association	2020	1310-4772
Active Vibration Control of Rotating Machines	Siva K	Mechanical Engineering	Solid State Technology	2020	0038-111X
Optimization of process parameters in friction stir welding of aluminium matrix sic-al2o3 composites by genetic algorithm	K.Siva	Mechanical Engineering	Journal Of Ceramic Processing Research	2020	1229-9162
Elephant Herding Algorithm to confine the discipline cost of Aircraft Landing Schedule	Dr.C.Nithyanandam, Dr.G.Mohankumar	Mechanical Engineering	International Journal of Creative Research Thoughts	2020	2320-2882
Environment friendly refrigerant options for automobile air conditioners: A review	M.Mohan Raj	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2020	1588-2926
Surface roughness assessment based on digital image texture analysis of cfrp composites machined by swirling abrasives	S. KANNAN	Mechanical Engineering	Journal of Engineering Science and Technology	2020	1823-4690
Investigations on LM6 aluminum alloy CO2-sand moulds	K R Sakthivel	Mechanical Engineering	Journal of the Balkan Tribological Association	2020	1310-4772

Photovoltaic-thermal collector assisted heat pumps using environment-friendly working fluids	M.Mohan Raj	Mechanical Engineering	Journal of Processes Mechanical Engineering	2020	2041-3009
Experimental investigations on jet impingement solar air heaters using pin-fin absorber	M Mohanraj	Mechanical Engineering	Journal of Processes Mechanical Engineering	2020	1588-2926
Experimental study of thermohydraulic characteristics and irreversibility analysis of novel axial corrugated tube with spring tape inserts	M. Mohanraj	Mechanical Engineering	EPJ Applied Physics	2020	1286-0042
Microstructure and Corrosion Behavior of ZnO-Mg Coating on AISI 4140 Steel Fabricated by Spray Coating	M. Mohanraj	Mechanical Engineering	Journal of Materials Engineering and Performance	2020	1059-9495
Evaluation of tensile and flexural properties of foundry slag reinforced particulate polymer composite	S. Kannan	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853
2019-2020					
Experiments on a PVT Based Hybrid Solar Collector Operated Heat Pump Suitable for Space Heating in Energy Efficient Buildings	Mohanraj M	Mechanical Engineering	International Conference on Efficient Building Design: Material and HVAC Equipment Technologies	2020	2572-5688
Drying of untreated Musa nendra and Momordica charantia in a forced convection solar cabinet dryer with thermal storage	M. Mohanraj	Mechanical Engineering	Energy	2020	0360-5442
Energy, Economic and Enviro-economical (4E) analysis of a coarse aggregate sensible heat storage assisted single slope solar still.	M. Mohanraj	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry, Springer	2020	1588-2926
Investigation of Microstructural, Mechanical and Corrosion Properties of AA7010-TiB2 in-situ Metal Matrix Composite	Naresh Mallireddy, Dr.K.Siva	Automobile Engineering	Science and Engineering of Composite Materials	2020	2191-0359
Investigations on air deliver landing plan utilizing Genetic Algorithm(GA) and Opposition based GA with Cauchy Mutation (OGACM) and correlations of Punishment cost	Dr.C.Nithyanandam	Mechanical Engineering	Test Engineering & Management	2020	0193-4120
Experimental investigations of reciprocating wear behaviour of metal matrix (Ti/TiB) composites	Murugesan Mohanraj	Mechanical Engineering	Archives of Civil and Mechanical Engineering	2020	1644-9665
Monitoring the neural network modelling of wear behaviour of Ti-6Al-4 v reinforced with nano B4C particle	M. Mohanraj	Mechanical Engineering	Materials Today: Proceedings	2020	2214-7853

Thermal analysis of photovoltaic-thermal collectors	M. Mohanraj	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2020	1588-2926
Numerical simulation on solar collector and cascade heat pump combi water heating systems in Kazakhstan Climates	M. Mohanraj	Mechanical Engineering	Renewable Energy Elsevier Publishers	2020	2252-4940
Optimization on performance of coarse aggregate assisted single slope solar still via Tagchi approach.	Murugesan Mohanraj	Mechanical Engineering	Journal of Renewable Energy and Environment	2020	2423-7469
Numerical simulation of a heat pump assisted solar dryer for continental climates	M. Mohanraj	Mechanical Engineering	Renewable Energy	2019	0960-1481
Performance, emission, energy and exergy analyses of gasoline fumigated DI diesel engine.	V. Senthilmurugan	Mechanical Engineering	Journal of thermal analysis and calorimetry, Springer	2019	1588-2926
Thermodynamic performance of automobile air conditioners working with R430A as a drop-in substitute to R134a	M. Mohanraj	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2019	1388-6150
Performance Analysis of Abrasive Water Jet Cutting Process in Carbon Fiber Epoxy Polymer Composite	S.Kannan	Mechanical Engineering	IOP Conference Series: Materials Science and Engineering	2019	1757-8981
Experimental investigations on R430A as a drop-in substitute for R134a in domestic refrigerators	M Mohanraj	Mechanical Engineering	Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering	2019	0954-4119
Simulation and Analysis of Multivariable Control Scheme for Fluid Catalytic Cracking Unit	Siva K	Mechanical Engineering	International Journal of Advanced Engineering Technology	2019	0976-3945
Thermodynamic analysis of a heat pump assisted active solar still	M. Mohanraj	Mechanical Engineering	Desalination and Water Treatment	2019	1944-3994
Effect of TiB Addition on Corrosion Behavior of Titanium Composites under Neutral Chloride Solution	Mohanraj Murugesan	Mechanical Engineering	Transactions of the Indian Ceramic Society	2019	0371750X
2018-2019					
Biodiesel production from two stage esterification of simarouba glauca seed oil and its characterization	P. Jeyalakshmi	Mechanical Engineering	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	2019	1556-7230
Experimental investigations on direct injection diesel engines using grape seed oil methyl ester with different bowl geometries	Sankar Ganesh R	Mechanical Engineering	International Journal of Green Energy	2019	1543-5075
Thermal Performance Simulation of a Heat Pump Assisted Solar Desalination System for Kazakhstan Climatic Conditions	Murugesan Mohanraj	Mechanical Engineering	Heat Transfer Engineering	2019	1521-0537

Investigations on Multi Wall Carbon Nanotubes - Alumina Reinforced Epoxy Hybrid Nano composites	P.N.Karthikeyan	Mechanical Engineering	International Journal of Research	2019	2236-6124
Experimental thermodynamic analysis of a forced convection solar air heater using absorber plate with pin-fins	K. Siva, M. Mohanraj	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2019	1388-6150
Characterization of Simarouba glauca seed oil biodiesel: A comprehensive study	Jeyalakshmi P.	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2019	1388-6150
Investigations on scavenging performance of a novel two stroke spark ignited Free piston engine	Y.Ras Mathew	Mechanical Engineering	Journal of the Balkan Tribological Association	2019	1310-4772
Modeling two-phase flow in pipe of the solar collector	M. Murugesan	Mechanical Engineering	International Journal of Mathematics and Physics	2018	2664-8644
Semi-automation of Fitting Electric Motor into a Fuel Dispenser	Karthick L	Mechanical Engineering	International Journal of Innovative Research in Science, Engineering and Technology	2018	9406 - 9410
Comparative Study on Microwave and Conventional Joining of Thermoplastic' Solid state phenomena	K.Siva	Mechanical	Sustainable Materials.	2018	1662-9779
Exergy analysis direct expansion solar assisted heat pumps working with R22 and R433A.	M. Mohanraj	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2018	1388-6150
Growth, vibrational, optical, thermal, magnetic and dielectric behavior of organo-metallic tetramethylammonium cadmium chloride crystal	S. Sivakumar	Mechanical Engineering	Journal of Thermal Analysis and Calorimetry	2018	1388-6150
Experimental investigation and analysis of drilling parameters of metal matrix (Ti/TiB) composites	M. Mohanraj	Mechanical Engineering	Journal of the Brazilian Society of Mechanical Sciences and Engineering	2018	1678-5878
2017-2018					
Numerical heat transfer simulation of solar-geothermal hybrid source heat pump in Kazakhstan climates	M. Mohanraj	Mechanical Engineering	Bulgarian Chemical Communications	2018	0861-9808
Research on Aircraft Landing Schedule Using Opposition Based Genetic Algorithm with Cauchy Mutation	Chidambaram Nithyanandam	Mechanical Engineering	International Journal of Scientific & Engineering Research	2018	1743-8195
Research and developments on solar assisted compression heat pump systems – A comprehensive review (Part A: Modeling and modifications)	M. Mohanraj	Mechanical Engineering	Renewable and Sustainable Energy Reviews	2018	1364-0321
Research and developments on solar assisted compression heat pump systems – A comprehensive review (Part-B: Applications)	M. Mohanraj	Mechanical Engineering	Renewable and Sustainable Energy Reviews	2018	1364-0321

A comprehensive model and holistic approach for implementing an integrated management systems	M. Mohanraj	Mechanical Engineering	Journal of Computational and Theoretical Nanoscience	2018	1546-1955
Modeling of a solar photovoltaic water pumping system under the influence of panel cooling	Mohanraj MURUGESAN	Mechanical Engineering	Thermal Science	2017	2334-7163
Numerical simulation of a heat pump assisted regenerative solar still with PCM heat storage for cold climates of Kazakhstan	Mohanraj MURUGESAN	Mechanical Engineering	Thermal Science	2017	2334-7163
Performance of a desiccant assisted packed bed passive solar dryer for copra processing	Mohanraj MURUGESAN	Mechanical Engineering	Thermal Science	2017	2334-7163
Influence of combustion chamber bowl geometry on combustion, performance and emission characteristics of a diesel engine using grape seed oil methyl ester	Sankar Ganesh RAMARAJ	Mechanical Engineering	Thermal Science	2017	2334-7163