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Professor

Thermodynamic Modelling

IC Engines

Heat Transfer Equipment

Refrigeration & Air Conditioning

	All	Since 2016
Citations	146	101
h-index	6	4
i10-index	4	2

TITLE	CITED BY	YEAR
Optimization of end milling on Al–SiC-fly ash metal matrix composite using Topsis and fuzzy logic N Tamiloli, J Venkatesan, G Murali, SP Kodali, TS Kumar, MP Arunkumar SN Applied Sciences 1 (10), 1204	1	2019
Investigation of energy availability for vapour absorption refrigeration system from engine exhaust A Balasubramanian, J Venkatesan, G Nagarajan, B Gautham International Journal of Heavy Vehicle Systems 25 (3-4), 498-507		2018
Investigation on effect of machining parameters of end milling on surface finish and temperature using Taguchi technique N Tamiloli, J Venkatesan Journal for Manufacturing Science and Production 16 (4), 255-261	2	2016
A grey-fuzzy modeling for evaluating surface roughness and material removal rate of coated end milling insert N Tamiloli, J Venkatesan, BV Ramnath Measurement 84, 68-82	45	2016
Experimental and Mathematical Modelling in a DI-CI Engine with Spherical and Toroidal Combustion Chambers S Arumugam, K Pitchandi, J Venkatesan TERI Information Digest on Energy and Environment 15 (1), 11-17		2016
FEASIBILITY STUDY ON WASTE HEAT RECOVERY IN IC ENGINE FOR OPERATING TRIPLE FLUID ABSORPTION REFRIGERATION SYSTEM A Balasubramanian, J Venkatesan, B Gautham International Journal of Energy, Environment and Economics 23 (1), 127		2015
Influence of Cooling Rate on Fatigue Behaviour of Eutectic Al-Si (A413) Alloy Casting M Mohandass, J Venkatesan, N Nallusamy Applied Mechanics and Materials 787, 490-494		2015
Theoretical Investigation on Combustion with Preformed Vortex Patterns K Asogan, J Venkatesan Applied Mechanics and Materials 812, 44-50		2015
Feasibility Analysis of Fish Oil Bio Diesel Blend as a Stationery and Automotive Diesel Engine Fuel BA Balaji Dhanapal, Venkatesan.J, Palani.S, Kumaraswamy.A PENSEE Multidisciplinary Journa 76 (4), 291-300	1 *	2014

TITLE	CITED BY	YEAR
Effect of Coolin Rate on Spatial Variation in Structural Morphology of Hypo-Eutectic (A380) Al-Si Alloy Casting JV M. Mohandass International Journal of Mechanical and Mechatronics Engineering 16 (6), 83-88		2014
Experimental Investigation on Low Heat Rejection Engine (LHRE) Fuelled with Cedarwood Biodiesel-Diesel Blend VJ Madhu. S Journal of Chemical and Pharmaceutical Sciences, 128-130		2014
THERMAL RADIATION EFFECTS ON FLOW PAST A PARABOLIC STARTED VERTICAL PLATE WITH VARIABLE TEMPERATURE AND UNIFORM MASS FLUX R Muthucumaraswamy, J Venkatesan Far East Journal of Mathematical Sciences 83 (1), 49		2013
Experimental Investigation of Single Cylinder Four Stroke SI Bajaj Engine Using Denatured Sprit85 as Alternative fuel JV D.Balaji, P.Govindarajan Journal of Mechanical Engineering 62 (1), 1-12		2011
Experimental investigation on varying engine torque of SI engine working under gasoline blended with ethanol and methoxy ethanol blends D Balaji, P Govindarajan, J Venkatesan International Journal of Applied Mechanics and Engineering 16 (4), 1237-1248		2011
Modelling and experimental analysis of automotive reciprocating air compressor J Venkatesan Chennai	1	2011
Experimental investigation on varying engine torque of four stroke SI Bajaj engine working under gasoline blended with ethanol and 10% ethanol and gasoline-methoxy ethanol blends D Balaji, P Govindarajan, J Venkatesan Frontiers in Automobile and Mechanical Engineering-2010, 141-146	2	2010
Experimental validation of a mathematical model of a reed-valve reciprocating air compressor from an automotive-braking system J Venkatesan, G Nagarajan, RV Seeniraj, R Murugan International journal of automotive technology 11 (3), 317-322	13	2010
Mathematical modeling and simulation of reciprocating compressor-a review of literature K Subramanian, LRG Subramanian, B Joseph, V Jayaraman Mathematics Modeling and Applied Computing 1, 81-96	8	2010
Experimental Investigation on Varying engine Torque of SI Engine Working under Gasoline Blended with Oxygenated Organic Compounds D Balaji [†] , P Govindarajan, J Venkatesan International Journal of Advanced Engineering Technology, EISSN, 0976-3945	2	2010

TITLE	CITED BY	YEAR
Modification of Two Stroke I.C.Engine to Reduce Emission and Fuel Consumption VJ Jayanth Kumar.T, Arun.M , Murugan.G, Mano.R International Journal of Engineering and Technology 2 (1), 42-47	2	2010