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Materials, design and thermal

TITLE	CITED BY	YEAR
Enhancing Liquefied Petroleum Gas utilization in Compression-Ignition engine powered with Renewable Fuel under Dual Fuel concept-An Experimental Study		2020
S Rajendran, SK Gurusamy, V Sakthivel, H Natarajan		
Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 1-18		
Influence Of Filler Wire On Mechanical And Metallurgical Behaviour Of Inconel 690 Alloy Welded By Pulsed Current Gas Tungsten Arc Welding	1*	2020
DB L Rajeshkumar S sivalingam, G Sureshkannan		
Tierärztliche Praxis 40 (1), 69-82		
The influence of internal heat storage material and longitudinal fins on a double-pass solar air heater performance	) 9 9 9	2020
H Sivarathinamoorthy, G Sureshkannan		
Journal of Solar Energy Engineering, 1-18		

TITLE	CITED BY	YEAR
Design and Experimental Investigations of Single and Multi-Stage SPC- Cascade High Temperature Heat Pipe		2020
KK Velliangiri Murugasen, Sureshkannan Gurusamy, M. Karthikeyan		
Tierärztliche Praxis 40, 1986-2001		
Design and Experimental Investigation of Single and Three-Stage Cascade Heat Pipe Using Three Fluids		2020
SG Velliangiri Murugasen, M. Karthikeyan, K, Karthik		
Solid State Technology 63 (6)		
Experimental Study on Heat Treatment of SS 420 and EN 24 Using Nanoparticulate Quenching Process		2019
N Manikanda Prabu, G Sureshkannan, P Maniiarasan, VS Thangarasu		
International Journal of Nanoscience 18 (06), 1850040		
A review on thermal energy storage systems in solar air heaters	10	2019
S Haldorai, S Gurusamy, M Pradhapraj		
International Journal of Energy Research 43 (12), 6061-6077		
Diesel-Rk Analysis and Experimental Investigation of Single Cylinder Variable Compression Ratio Diesel Engine		2019
G Sureshkannan, M Kalaivanan, T Ragul		
International Research Journal of Automotive Technology 2 (3), 1-6		
EFFECT OF PCGTAW ON THE INCONEL 690 ALLOY WITH RESPECT TO MICROSEGREGATION ATTAINMENT IN COMPARISON WITH THE BASE METAL PROCESSED WITH AUTOGENOUS WELDING	1	2019
VAVSP PCGTAW		

TITLE	CITED BY	YEAR
Materiali in tehnologije 53 (1), 9-15		
A Survey on Literature Review of Dynamic Characteristics and Vibration Analysis of on - Road Vehicle Chassis by Finite Element Approach		2019
DNV Gokulakrishnan S A, Sureshkannan G		
International Journal of Innovative Research in Science, Engineering and		
Review on extrusion of magnesium matrix nano composites		2019
D Anburose, NM Prabu, VS Thangarasu, G Sureshkannan		
International Journal of Nanomanufacturing 15 (3), 334-342		
A STUDY OF MODELING AND FINITE ELEMENT ANALYSIS OF AUTOMOTIVE VEHICLE WHEEL RIM ASSEMBLY FOR THE DEFORMATION AND VARIOUS STRESS DISTRIBUTION		2016
T Subramaniam <sup>1</sup> , D Velliangiri, S Gurusamy		
Int J Adv Engg Tech/Vol. VII/Issue I/JanMarch 29, 33		
Optimization of Cutting Parameters on High-Speed CNC Milling of Alloy Steel EN24, Using Box–Behnken Based Response Surface Methodology	1	2016
NV DHANDAPANI, VS THANGARASU, G SURESHKANNAN,		
Journal of the Balkan Tribological Association Vol 22 (4), 3240-3256		
DESIGN, COUPLED FIELD SIMULATION AND IMPLEMENTATION OF MICRO-ELECTRO MECHANICAL GRIPPER BY FINITE ELEMENT METHOD APPROACH		2016
VS Thangarasu <sup>1</sup> , NV Dhandapani, G Sureshkannan		

TITLE	CITED BY	YEAR
Int J Adv Engg Tech/Vol. VII/Issue I/JanMarch 34, 37		
Design and Experimental Investigation of Forward Curved, Backward Curved and Radial Blade Impellers of Centrifugal Blower GS N.V. Dhandapani V.S. Thangarasu		2015
Investigation on effect of material hardness in high speed CNC end milling process  NV Dhandapani, VS Thangarasu, G Sureshkannan  The scientific world journal 2015	12	2015