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Vibration
Stress Analysis
FEA

	All	Since 2015
Citations	73	73
h-index	5	5
i10-index	2	2

TITLE	CITED BY	YEAR
Assessment of Sideband Energy Ratio Technique in Detection of Wind Turbine Gear Defects K Pattabiraman, TR, Malarmohan, K & Srinivasan Case studies in Mechanical Systems and Signal Processin 1 (2), 2015	18 *	2015
Thermal energy storage behaviour of nanoparticle enhanced PCM during freezing and melting P Murugan, P Ganesh Kumar, V Kumaresan, M Meikandan, ... PhaTr 91 (3), 254-270	16	2018
A contemporary adaptive air suspension using LQR control for passenger vehicles MMK Gokul Prasad S. ISA Transactions 93, 244-254	7	2019
DEVELOPMENT OF SUPERHYDROPHOBIC SURFACE THROUGH FACILE DIP COATING METHOD RV M. MEIKANDAN, K. MALARMOHAN Digest Journal of Nanomaterials and Biostructures 11 (3), 945-951	6	2016
Experimental investigation on thermal performance of nanocoated surfaces for air-conditioning applications M Meikandan, K Malarmohan, E Hemachandran Thermal Science 23 (2 Part A), 457-463	5	2019
FABRICATION OF A SUPERHYDROPHOBIC NANOFIBRES BY ELECTROSPINNING KM M. MEIKANDAN Digest Journal of Nanomaterials and Biostructures 12 (1), 11-17	5	2017
Ride Dynamics of a Tracked Vehicle with a Finite Element Vehicle Model KMM S. Jothi,!, V. Balamurugan Defence Science Journal 66 (1), 91-97	5	2016
Experimental and numerical investigation on bare tube cross flow heat exchanger-using COMSOL M Meikandan, M Sundarraj, D Yogaraj, K Malarmohan International Journal of Ambient Energy 41 (5), 500-510	4	2020

TITLE	CITED BY	YEAR
Dynamic behaviour of a trailing arm suspension unit of a tracked vehicle with flexible and rigid elements J Sundaram, B Varadarajan, M Keppanan International Journal of Heavy Vehicle Systems 24 (4), 345-360	2	2017
Analytical approach for the design of convoluted air suspension and experimental validation GP Sreenivasan, MM Keppanan Acta Mechanica Sinica 35 (5), 1093-1103	1	2019
Simulation of a Control System for an Adaptive Suspension System for Passenger Vehicles SG Prasad, S Aakash, KM Mohan International Journal of Mechanical and Mechatronics Engineering 11 (3), 641-646	1	2017
Tube mill drive systems-a review V Venkatesan, K Mohan, V Ramamurti ZKG INTERNATIONAL 69 (10), 54-63	1	2016
Dynamics of machine tool drive housings KM Mohan, K Srinivasan, V Ramamurti Proceedings of the Institution of Mechanical Engineers, Part B: Journal of ...	1	2010
Dynamics of machine tool drive housings VR K M Mohan, K Srinivasan Proc. IMechE Vol. 224 Part B: J. Engineering Manufacture 224 (11), 1619-1630	4 *	2010
Design guidance for cordon shaft of twin drives in cement mills JG Viswanatha Ramamurti, Malar Mohan ZKG INTERNATIONAL 60 (2), 37-47	1 *	2007
Modal and Harmonic Analysis of Girth Gear With Dual Mesh Pinions by Using Finite Element Method V Venkataraman, MM Keppanan, V Dhanasekaran ASME International Mechanical Engineering Congress and Exposition 59414 ...		2019
Radial run-out prediction of girth gears with dual-mesh pinions by means of finite element analysis V Venkatesan, K Mohan, D Vinoth ZKG INTERNATIONAL 72 (10), 32-38		2019
Influence of Flexible Bodies in Military Tracked Vehicle Dynamics KMM S. Jothia, , V. Balamurugana International Journal of Vehicle Structures & Systems 8 (2), 91-97		2016

TITLE	CITED BY	YEAR
Significance of sideband energy ratio in gear defect monitoring of wind turbine gear box KMM T.R.Pattabiraman International Journal of Applied Engineering Research 10 (4), 3756-3761		2015
Redesign the steering column assembly with crimping method malar mohan M.Balaji Journal of Mechanical and civil engineering 11 (2), 84-89		2013
Design and Development of work tool Attachment KMM D Kannan IJERT 1 (1), 198-200		2013
Dynamic Analysis of Fabricated Housings in Process Plants V Ramamurti, K Malar Mohan, K Srinivasan Proceedings of the Indian National Science Academy 76 (4), 171		2010
Elastic Plastic Buckling Analysis of Tori-Spherical Heads N Prabhakar, P Chellapandi, C Jebaraj, M Mohan K ICAMB 2009483, 483-488		2009