



Om Kumar Meenakshisundaram

Professor,
Anna University

Scheduling
Simulation
Optimization
algorithms
Micro Machining

	Tutte	Dal 2015
Citazioni	90	71
Indice H	6	5
i10-index	3	2

TITOLO	CITATA DA	ANNO
Effect of degree of silanization of luffa on the properties of luffa-epoxy composites S Dharmalingam, O Meenakshisundaram, V Kugarajah Colloids and Surfaces A: Physicochemical and Engineering Aspects 603, 125273	1	2020
Ultrasonic welding of GF/PA6T composites: Experimental investigation and process optimization RK Kumar, M Omkumar Materials Today: Proceedings		2020
An Investigation on the Interfacial Adhesion between Amine Functionalized Luffa Fiber and Epoxy Resin and Its Effect on Thermal and Mechanical Properties of Their Composites S Dharmalingam, O Meenakshisundaram, V Elumalai, RS Boopathy Journal of Natural Fibers, 1-16	5	2020
Investigation and characterization of ultrasonically welded GF/PA6T composites RK Kumar, M Omkumar Materials Today: Proceedings 26, 282-286	1	2020
Effect of Fiber Composition on the Physical, Mechanical, and Thermal Behavior of Jute and Human Hair-Reinforced Epoxy Composites K Selvakumar, M Omkumar Journal of Testing and Evaluation 49 (4)	1	2019
Investigation on the hard turning in enhancing the surface reliability by white layer elimination using cbn semi worn-out inserts under shielding gas atmosphere S Girisankar, M Omkumar Journal of Mechanical Science and Technology 33 (5), 2345-2352		2019
Optimisation of Process Parameters of Chemical Mechanical Polishing of Soda Lime Glass CR Kumar, M Omkumar Silicon 11 (1), 407-414	4	2019
INFLUENCE OF ZrB₂ ON THE MICROSTRUCTURAL CHARACTERISTICS OF AA6082/ZrB₂ COMPOSITES A Manikandan, MS Omkumar, V Mohanavel Materiali in tehnologije 53 (3), 327-332	4	2019

TITOLO	CITATA DA	ANNO
MECHANICAL CHARACTERIZATION OF PINEAPPLE LEAF FIBER REINFORCED EPOXY COMPOSITES FILLED WITH CORN HUSK POWDER MOK Selvakumar 4th Brazilian Conference on Composite Materials. Rio de Janeiro, BCCM4 ...		2018
A study on the efficacy of hard turning (HT) process in enhancing the surface reliability by white layer elimination using CBN inserts under protective gas mixture atmosphere, J S Girisankar, M Omkumar Journal of the Chinese Society of Mechanical Engineers 39 (2), 233-244	1	2018
Mechanical and dynamic mechanical analysis of jute and human hair-reinforced polymer composites K Selvakumar, O Meenakshisundaram Polymer Composites	13	2018
Evaluation of 2D and 3D Surface Roughness Parameters by MATLAB Algorithm in Ball End Magnetorheological Finishing Machine R Rammohan, M Omkumar, F Iqbal, S Jha Proceedings of 10th International Conference on Precision, Meso, Micro and ...		2017
EFFECT OF DRILLING PARAMETERS ON SURFACE QUALITY OF NATURAL FIBER REINFORCED POLYMER COMPOSITES M Omkumar, K Selvakumar, AS Babu ICCM21, Xi'an, August 20-25th 2017		2017
Investigations on Properties of Al-B4C Composites Synthesized through Powder Metallurgy Route MS Omkumar Mechanical Engineering Design, 93		2016
Investigations on properties of Al-B4C composites synthesized through powder metallurgy route M Ravichandran, A Manikandan, MS Omkumar Applied Mechanics and Materials 852, 93-97	9	2016
PREPARATION AND CHARACTERIZATION OF LEATHER POLYMER COMPOSITES JMA Omkumar M, Suresh Babu A ICCM20, International Conference on Composite Materials, Copenhagen, Denmark		2015
Hybrid Flow Shop Scheduling using Improved Hybrid ACO Cuckoo Algorithm to Minimize Makespan RM Omkumar M International Journal of Computer Applications 115, 16-20	4 *	2015
Elimination of White Layer formation during Hard Turning of AISI D3 Steel to improve Fatigue life SAKAAMOS Girisankar IOSR JOURNAL OF MECHANICAL AND CIVIL ENGINEERING 12 (3), 07-14	6 *	2015
Machining zone Area in Single Point Diamond Turning OMVBGVHPRV Sarepaka International Journal of Applied Engineering Research 10 (2), 1476-1479		2015

TITOLO	CITATA DA	ANNO
Performance evaluation of hard turning for AISI M2 Die steel with coated and non-coated CBN inserts S Girishankar, M Omkumar Applied Mechanics and Materials 766, 594-599	1	2015