

## Siddharthan Arjunan

Dept. of Production Technology, MIT, Anna University materials science surface engineering biomaterials

GET MY OWN PROFILE				
	All	Since 2015		
Citations	662	383		
h-index	10	10		
i10-index	10	10		

TITLE	CITED BY	YEAR
Investigation on the distribution and concentration of nylon 6,6 particles on the wear behaviour of electroless nickel phosphorus nylon composite coating  V Jayaraj, M., Siddharthan, A., Mohanavel  Journal of the Balkan Tribological Association 26 (1), 110-122	1	2020
Heat tolerant epoxy-amine functionalized graphene oxide composites for insulation applications MRKPSC Manikandan Thangaraj, Siddharthan Arjunan Journal of Adhesion Science and Technology 34 (6), 1-22	1	2020
Spirograph based electrospinning system for producing fibre mat with near uniform mechanical property P Pathalamuthu, A Siddharthan, VR Giridev Indian Journal of Fibre & Textile Research (IJFTR) 44 (3), 279-285	r	2019
Enhanced performance of aloe vera incorporated chitosan-polyethylene oxide electrospun wound scaffold produced using novel Spirograph based collector assembly HT Pathalamuthu Pitchaimuthu, Siddharthan Arjunan, Vincent Savariar, Thangam International Journal of Biological Macromolecules 140, 808-824	5	2019
Influence of magnetic field strength of hybrid magnet on vibration isolation of quarter car model D Easu, A Siddharthan, R Amrutha Journal of Vibroengineering 21 (5), 1405-12413		2019
Influence of amine-functionalised graphene oxide filler on mechanical and insulating property of epoxy nanocomposites RMCPS T Manikandan, A Siddharthan Materials Research Express 6 (9), 095302	3	2019
Experimental analysis of vibration isolation using hybrid magnet and magnetorheological fluid damper AR Easu Dakshnamoorthy, Siddharthan Arjunan Journal of the Brazilian Society of Mechanical Sciences and Engineering 40	1	* 2018
Analysis of the Inhomogeneity of an Electrospun Mat Produced Using Static and Dynamic Collectors of Different Template Design, Including its Mitigation P Pathalamuthu, ST Shahana, U Nivedha, A Siddharthan, VR Giridev Fibres & Textiles in Eastern Europe	1	2017
Egg shell derived hydroxyapatite as bone graft material in maxillofacial skeleton—A randomized blind multi-center clinical trial. Front VS Kattimani, L Krishna Prasad, P Chakravarthi, A Managutti, H Katwala, Bioeng Biotechnol	1	2016

TITLE	CITED BY	YEAR
Eggshell-derived hydroxyapatite: a new era in bone regeneration V Kattimani, KP Lingamaneni, PS Chakravarthi, TSS Kumar, Journal of Craniofacial Surgery 27 (1), 112-117	20	2016
Comparison of in situ and ex situ reduced graphene oxide reinforced electroless nickel phosphorus nanocomposite coating MH Sadhir, M Saranya, M Aravind, A Srinivasan, A Siddharthan, Applied surface science 320, 171-176	31	2014
Eggshell derived hydroxyapatite as bone graft substitute in the healing of maxillary cystic bone defects: a preliminary report VS Kattimani, PS Chakravarthi, NR Kanumuru, VV Subbarao, Journal of international oral health: JIOH 6 (3), 15	41	2014
Property Enhancement of Transformer Oil with Suspension of TiO2 Nanoparticles	1	* 2014
AS S. Sivakumar, P. Sasikanth, Sharannath Mohanram, C. Manikandan Journal of Nanofluids 3, 1-5		
Characterization of electroless nickel phosphorus nylon 66 composite coating on low carbon steel M Jayaraj, A Siddharthan Advanced Materials Research 984, 502-507	1	2014
Characterization of mechano-chemical synthesized Cu-Al-Mn shape memory alloy powders and spark plasma sintered compacts AS R. Sai Kishore, R. K. Nandhakumaar, V. Gokuul International Journal of ChemTech Research 6 (3), 1715-1717		2014
Theoretical and experimental analysis of a vibration isolation system using hybrid magnet D Easu, A Siddharthan Procedia Engineering 64, 1139-1146	10	2013
In situ composite coating of titania—hydroxyapatite on commercially pure titanium by microwave processing A Siddharthan, TSS Kumar, SK Seshadri Surface and Coatings Technology 204 (11), 1755-1763	36	2010
Synthesis and characterization of nanocrystalline apatites from eggshells at different Ca/P ratios A Siddharthan, TSS Kumar, SK Seshadri Biomedical Materials 4 (4), 045010	52	2009
Bioceramics coating on Ti–6Al–4V alloy by microwave processing A Siddharthan, STS Kumar, SK Seshadri Surface engineering 23 (6), 401-405	4	2007
A novel route for synthesis of nanocrystalline hydroxyapatite from eggshel waste DSR Krishna, A Siddharthan, SK Seshadri, TSS Kumar Journal of Materials Science: Materials in Medicine 18 (9), 1735-1743	l 150	2007