

# Himel Chakraborty

## List of Publications by Year in descending order

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18  
papers

217  
citations

1163117

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h-index

996975

15  
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18  
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docs citations

18  
times ranked

387  
citing authors

#	ARTICLE	IF	CITATIONS
1	A study on nanoindentation and tribological behaviour of multifunctional ZnO/PMMA nanocomposite. <i>Materials Letters</i> , 2013, 93, 137-140.	2.6	57
2	Nano- and micro-tribological behaviours of plasma nitrided Ti6Al4V alloys. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 77, 267-294.	3.1	40
3	Nanotribological response of a plasma nitrided bio-steel. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 65, 584-599.	3.1	23
4	Micromechanical and Nanoscratch Behavior of SiCp Dispersed Metal Matrix Composites. <i>Journal of Materials Engineering and Performance</i> , 2015, 24, 3407-3418.	2.5	21
5	Indentation and scratch behavior of functionalized MWCNTs/PMMA composites at the micro/nanoscale. <i>Polymer Composites</i> , 2014, 35, 948-955.	4.6	11
6	Development and Characterization of Al <sub>2</sub> O <sub>3</sub> Dispersed Al/Mg/Cu/Ti Matrix Composite. <i>Journal of Materials Science and Technology</i> , 2013, 29, 1085-1090.	10.7	10
7	Electromagnetic Interference Reflectivity of Nanostructured Manganese Ferrite Reinforced Polypyrrole Composites. <i>Transactions on Electrical and Electronic Materials</i> , 2013, 14, 295-298.	1.9	10
8	Mechanical Properties of Enamel Nanocomposite. <i>ISRN Biomaterials</i> , 2013, 2013, 1-15.	0.7	9
9	Exfoliated Graphite Reinforced PMMA Composite: A Study on Nanoindentation and Scratch Behavior. <i>Journal of Nanotechnology</i> , 2012, 2012, 1-5.	3.4	8
10	Effect of Space Charge Density and High Voltage Breakdown of Surface Modified Alumina Reinforced Epoxy Composites. <i>Transactions on Electrical and Electronic Materials</i> , 2013, 14, 121-124.	1.9	7
11	Quasi-static and dynamic nanoindentation and scratch behavior of multifunctional titania/poly(methyl methacrylate) composite. <i>Polymer Composites</i> , 2014, 35, 1372-1376.	4.6	6
12	Structure and stability analysis of biocompatible hydroxyapatite reinforced chitosan nanocomposite. <i>Polymer Composites</i> , 2018, 39, E573.	4.6	6
13	Orientational Effect in Nanohardness of Functionally Graded Microstructure in Enamel. <i>Journal of the Institution of Engineers (India): Series D</i> , 2012, 93, 87-95.	1.0	4
14	Bulk and nano-mechanical behavior of silver and silver-CNT-reinforced hybrid polymer composites. <i>Polymer Composites</i> , 2016, 37, 2581-2587.	4.6	2
15	Bulk/nano-mechanical and tribological response of functionalised multi-wall carbon nanotubes reinforced unsaturated polyester composites. <i>International Journal of Materials Engineering Innovation</i> , 2018, 9, 64.	0.5	2
16	Mechanical and tribological behavior of alumina and alumina-CNT reinforced hybrid unsaturated polyester composites. <i>Polymer Composites</i> , 2016, 37, 1577-1586.	4.6	1
17	A comparative study on the cold field electron emission properties of cubic nanocrystalline lead chalcogenide thin films. <i>RSC Advances</i> , 2014, 4, 5312.	3.6	0
18	Bulk/nano-mechanical and tribological response of functionalised multi-wall carbon nanotubes reinforced unsaturated polyester composites. <i>International Journal of Materials Engineering Innovation</i> , 2018, 9, 64.	0.5	0