Satyam Kumar Bhuyan

List of Publications by Year
in descending order

13	199	1163117 8	1281871 11
papers	citations	h-index	g-index

13	13	13	261
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Designing Thermally Actuated Bimorph as Energy Harvester. Energy Harvesting and Systems, 2019, 6, 29-38.	2.7	0
2	Crack propagation at the interface between soft adhesives and model surfaces studied with a sticky wedge test. Soft Matter, 2013, 9, 6515.	2.7	16
3	Phase stability of silicon during indentation at elevated temperature: evidence for a direct transformation from metallic Si-II to diamond cubic Si-I. MRS Communications, 2012, 2, 9-12.	1.8	10
4	Rubbers Based on Conjugated Soybean Oil: Synthesis and Characterization. Macromolecular Materials and Engineering, 2011, 296, 444-454.	3.6	6
5	Influence of crosslinking density on the tribological behavior of norbornene-based polymeric materials. Wear, 2011, 270, 550-554.	3.1	6
6	Synthesis and Physical Properties of Potential Biolubricants based on Ricinoleic Acid. JAOCS, Journal of the American Oil Chemists' Society, 2010, 87, 937-945.	1.9	45
7	Effect of filler composition and crosslinker concentration on the tribological behavior of spent germ particle-based polymeric composites. Tribology International, 2010, 43, 171-177.	5.9	17
8	Effect of crosslinking on tribological behavior of tung oil-based polymers. Tribology International, 2010, 43, 831-837.	5.9	13
9	Micro- and nano-tribological behavior of soybean oil-based polymers of different crosslinking densities. Tribology International, 2010, 43, 2231-2239.	5.9	4
10	A study of the physical and tribological properties of biobased polymerâ€“clay nanocomposites at different clay concentrations. Wear, 2010, 268, 797-802.	3.1	33
11	Effect of crosslinking on the friction and wear behavior of soybean oil-based polymeric materials. Wear, 2007, 263, 965-973.	3.1	22
12	Micro- and Nano-Tribological Behaviour of Soybean Oil-Based Polymers of Different Crosslinking Densities. , 2007, , .		0
13	Boundary lubrication properties of lipid-based compounds evaluated using microtribological methods. Tribology Letters, 2006, 22, 167-172.	2.6	27