Sukanta Bhowmick

List of Publications by Year
in descending order

12	429	1307594 7	1199594 12
papers	citations	h-index	g-index

12	12	12	424
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of humidity in reducing sliding friction of multilayered graphene. Carbon, 2015, 87, 374-384.	10.3	130
2	Minimum quantity lubrication drilling of aluminiumâ€“silicon alloys in water using diamond-like carbon coated drills. International Journal of Machine Tools and Manufacture, 2008, 48, 1429-1443.	13.4	112
3	Dry and minimum quantity lubrication drilling of cast magnesium alloy (AM60). International Journal of Machine Tools and Manufacture, 2010, 50, 444-457.	13.4	106
4	Roles of sliding-induced defects and dissociated water molecules on low friction of graphene. Scientific Reports, 2018, 8, 121.	3.3	26
5	High-temperature tribological behavior of Ti containing diamond-like carbon coatings with emphasis on running-in coefficient of friction. Surface and Coatings Technology, 2022, 431, 127995.	4.8	16
6	Flooded drilling of Inconel 718 using graphene incorporating cutting fluid. International Journal of Advanced Manufacturing Technology, 2021, 112, 1-14.	3.0	13
7	Effect of Graphene Nanoplates Dispersed in Ethanol on Frictional Behaviour of Tool Steel Running Against Uncoated and DLC-Coated Tool Steel. Tribology Letters, 2019, 67, 1.	2.6	11
8	Role of Carbon Nanotube Tribolayer Formation on Low Friction andÂAdhesion of Aluminum Alloys Sliding against CrN. Tribology Letters, 2018, 66, 1.	2.6	5
9	Turning of Inconel 718 using liquid nitrogen: multi-objective optimization of cutting parameters using RSM. International Journal of Advanced Manufacturing Technology, 2022, 120, 3077-3101.	3.0	4
10	Effect of WS₂ particles in cutting fluid on tribological behaviour of Tiâ€“6Alâ€“4V and on its machining performance. Tribology - Materials, Surfaces and Interfaces, 2021, 15, 229-242.	1.4	3
11	Characterization of galling during dry and lubricated punching of AA5754 sheet. Advances in Industrial and Manufacturing Engineering, 2021, 3, 100064.	2.1	2
12	Low Friction and High Wear Resistance of Plasma Electrolytic Oxidation (PEO)-Coated AZ31 Mg Alloy Sliding against Hydrogenated DLC (a-C-H) at Elevated Temperatures. Coatings, 2022, 12, 607.	2.6	1