

Sukanta Bhowmick

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

429
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

424
citing authors

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