

# Sudip Banerjee

## List of Publications by Year in descending order

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17  
papers

229  
citations

1307594

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1058476

14  
g-index

17  
all docs

17  
docs citations

17  
times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dry sliding tribological behavior of ultrasonic stir cast AZ31-B <sub>4</sub> C composites. Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology, 2023, 237, 824-842.	1.8	2
2	Fabrication and characterization of AZ31-B <sub>4</sub> C composites. Materials Today: Proceedings, 2022, 59, 153-160.	1.8	3
3	Tribological Performance Optimization of Mg-WC Nanocomposites in Dry Sliding: A Statistical Approach. Frontiers in Materials, 2022, 9, .	2.4	2
4	Nano-indentation and Corrosion Characteristics of Ultrasonic Vibration Assisted Stir-Cast AZ31-WC-Graphite Nano-composites. International Journal of Metalcasting, 2021, 15, 1058-1072.	1.9	21
5	Optimization of Tribological Behavior of Mg-Wc Nanocomposites at Elevated Temperature. , 2021, , 1135-1152.		1
6	Mg-WC Nanocomposites—Recent Advances and Perspectives. Materials Horizons, 2021, , 199-228.	0.6	2
7	Understanding Fabrication and Properties of Magnesium Matrix Nanocomposites. Materials Horizons, 2021, , 229-252.	0.6	3
8	Tribological characterisation of magnesium matrix nanocomposites: A review. Advances in Mechanical Engineering, 2021, 13, 168781402110090.	1.6	22
9	Effect of process parameters on machining EN 47 spring steel through WEDM. Emerging Materials Research, 2020, 9, 628-636.	0.7	4
10	Abrasive wear behavior of WC nanoparticle reinforced magnesium metal matrix composites. Surface Topography: Metrology and Properties, 2020, 8, 025001.	1.6	18
11	Optimization of Tribological Behavior of Mg-Wc Nanocomposites at Elevated Temperature. International Journal of Surface Engineering and Interdisciplinary Materials Science, 2020, 8, 25-43.	0.4	3
12	Wear performance of Mg-WC metal matrix nanocomposites using Taguchi methodology. Materials Today: Proceedings, 2019, 19, 177-181.	1.8	4
13	Tribological behavior of Mg-WC nano-composites at elevated temperature. Materials Research Express, 2019, 6, 0865c6.	1.6	19
14	Dry sliding tribological behavior of AZ31-WC nano-composites. Journal of Magnesium and Alloys, 2019, 7, 315-327.	11.9	68
15	Nanoindentation and Scratch Resistance Characteristics of AZ31-WC Nanocomposites. Journal of Molecular and Engineering Materials, 2019, 07, .	1.8	11
16	Corrosion behavior of AZ31-WC nano-composites. Journal of Magnesium and Alloys, 2019, 7, 681-695.	11.9	38
17	Design of Experiments Analysis of Friction Behavior of Mg-WC Nano-composites using Taguchi Methodology. Materials Today: Proceedings, 2019, 18, 4026-4033.	1.8	8