

Shivraman Thapliyal

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

240
citations

1307594

7
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

243
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges associated with the wire arc additive manufacturing (WAAM) of aluminum alloys. <i>Materials Research Express</i> , 2019, 6, 112006.	1.6	55
2	Study of the effect of friction stir processing of the sliding wear behavior of cast NiAl bronze: A statistical analysis. <i>Tribology International</i> , 2016, 97, 124-135.	5.9	47
3	Mechanical Properties and Wear Behavior of Zn and MoS ₂ Reinforced Surface Composite Al- Si Alloys Using Friction Stir Processing. <i>Silicon</i> , 2018, 10, 1979-1990.	3.3	44
4	Microstructure evolution and tribological behavior of the solid lubricant based surface composite of cast nickel aluminum bronze developed by friction stir processing. <i>Journal of Materials Processing Technology</i> , 2016, 238, 30-38.	6.3	35
5	On cavitation erosion behavior of friction stir processed surface of cast nickel aluminium bronze. <i>Wear</i> , 2017, 376-377, 1030-1042.	3.1	22
6	Barium titanate reinforced nickel aluminium bronze surface composite by friction stir processing. <i>Materials Science and Technology</i> , 2018, 34, 366-377.	1.6	19
7	Machine learning classification-based approach for mechanical properties of friction stir welding of copper. <i>Manufacturing Letters</i> , 2021, 29, 52-55.	2.2	16
8	Fatigue performance of friction stir welded Al2024 alloy in a different corrosive environment. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2020, 51, 174-180.	0.9	2
9	Sliding Wear Behavior Solid Lubricant Based Ni-Al Bronze Surface Composite Developed by Friction Stir Processing. <i>Transactions of the Indian Institute of Metals</i> , 2018, 71, 1193-1210.	1.5	0