Ajit M Hebbale

List of Publications by Year
in descending order

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29	293	933264	887953
papers	citations	10	17
		h-index	g-index

31	31	31	85
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An Experimental Investigation of Laser-Assisted Machining of EN24 Steel. Lecture Notes in Mechanical Engineering, 2022, , 39-47.	0.3	2
2	Studies on modal analysis of aluminium based carbon fibre reinforced optimized alloy wheel used in automotive sectors. Materials Today: Proceedings, 2022, 52, 274-277.	0.9	3
3	Dynamic job sequencing of converging-diverging conveyor system for manufacturing optimization. Materials Today: Proceedings, 2022, 52, 1901-1908.	0.9	1
4	Microstructure and mechanical properties of TiO2 reinforced ZA22 metal matrix composite. Materials Today: Proceedings, 2021, 35, 303-307.	0.9	5
5	Study of tribological properties on aluminium based hybrid composite developed through microwave energy. Materials Today: Proceedings, 2021, 44, 4245-4250.	0.9	3
6	Microstructural Studies of Composite (Cr3C2â€“NiCr) Laser Clads Developed on Preheated Substrate T91. Transactions of the Indian Institute of Metals, 2021, 74, 593-600.	0.7	8
7	Joining of dissimilar metals using microwave hybrid heating and Tungsten Inert Gas welding - A review. Materials Today: Proceedings, 2021, 46, 2635-2640.	0.9	5
8	The experimental investigation of Congress gross fiber reinforced epoxy composite for human weighing Machine platform application. Materials Today: Proceedings, 2021, 46, 8976-8979.	0.9	2
9	A Comparative Studyon Characteristics of Inconel-625 Joints Developed through Microwave Hybrid Heating and Tungsten Inert Gas Welding. Transactions of the Indian Institute of Metals, 2021, 74, 531-540.	0.7	7
10	Development and evaluation of solar-powered desalinator to produce pure water. Materials Today: Proceedings, 2021, 46, 9850-9854.	0.9	0
11	ANOVA studies and control factors effect analysis of cobalt based microwave clad. Materials Today: Proceedings, 2021, 46, 2409-2413.	0.9	6
12	Development and experimental investigation of mechanical properties of graphene-based aluminum 6061 alloys. Materials Today: Proceedings, 2021, 46, 2421-2424.	0.9	9
13	Experimental study on preparation and mechanical characteristics of jute/silk/coco-peat reinforced with epoxy polymers. Materials Today: Proceedings, 2021, 46, 2764-2769.	0.9	12
14	Saltwater corrosion behaviour of equal channel angular pressed AZ80/91ÂMg alloys. Materials Today: Proceedings, 2021, 46, 2660-2665.	0.9	2
15	An Experimental Investigation of Microwave Developed Nickel-Based Clads for Slurry Erosion Wear Performance Using Taguchi Approach. Metallography, Microstructure, and Analysis, 2020, 9, 293-304.	0.5	15
16	Dry Sliding Wear Performance Studies of WCâ€“12Co Deposited on AISI 420 Steel Through Microwave Energy. Springer Proceedings in Materials, 2020, , 489-496.	0.1	2
17	Impact of Research Performance and Perception on Ranking of Universities-A study based on NIRF 2019. Journal of Engineering Education Transformations, 2020, 34, 85.	0.3	0
18	Effect of Power Input on Metallurgical and Mechanical Characteristics of Inconel-625 Welded Joints Processed Through Microwave Hybrid Heating. Transactions of the Indian Institute of Metals, 2019, 72, 811-824.	0.7	28

#	Article	IF	Citations
19	Wear studies of composite microwave clad on martensitic stainless steel. SN Applied Sciences, 2019, 1, 1.	1.5	10
20	Microstructural Studies of Cobalt Based Microwave Clad Developed on Martensitic Stainless Steel (AISI-420). Transactions of the Indian Institute of Metals, 2018, 71, 737-743.	0.7	18
21	Review on Material Processing Through Microwave Energy. IOP Conference Series: Materials Science and Engineering, 2018, 376, 012079.	0.3	11
22	Sliding wear studies of microwave clad versus unclad surface of stainless steel 304. MATEC Web of Conferences, 2018, 144, 02010.	0.1	6
23	Sliding wear studies of microwave clad versus unclad surface of stainless steel 304. MATEC Web of Conferences, 2018, 144, 02010.	0.1	0
24	Fuzzy prediction of slurry erosive behavior of cobalt based clad developed through microwave energy. Materials Today: Proceedings, 2017, 4, 1804-1811.	0.9	6
25	Taguchi analysis on erosive wear behavior of cobalt based microwave cladding on stainless steel AISI-420. Measurement: Journal of the International Measurement Confederation, 2017, 99, 98-107.	2.5	39
26	Microstructural investigation of Ni based cladding developed on austenitic SS-304 through microwave irradiation. Journal of Materials Research and Technology, 2016, 5, 293-301.	2.6	58
27	Microstructure and experimental design analysis of nickel based clad developed through microwave energy. Perspectives in Science, 2016, 8, 257-259.	0.6	20
28	Microstructural Characterization of Ni Based Cladding on SS-304 Developed through Microwave Energy. Materials Today: Proceedings, 2015, 2, 1414-1420.	0.9	13
29	Characterization of Cobalt Based Microwave Clad Developed on SS-355. Applied Mechanics and Materials, 0, 895, 259-264.	0.2	1