Ajay A Likhite

List of Publications by Year
in descending order

19	212	1163117 8	1058476 14
papers	citations	h-index	g-index

19	19	19	205
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Advances in Carbidic Austempered Ductile Iron (CADI) - A Wearresistant Material. Current Materials Science, 2021, 14, 114-124.	0.4	0
2	The impact of cutting speed and depth of cut on cutting force during turning of austempered ductile iron. Materials Today: Proceedings, 2019, 19, 663-669.	1.8	9
3	TEM Analysis of Austempered Ductile Iron Processed Through Conventional and Two-Step Austempering Process. Transactions of the Indian Institute of Metals, 2019, 72, 911-917.	1.5	9
4	Study of hot tearing in stainless steel CF3M during casting using simulation and experimental method. International Journal of Metalcasting, 2018, 12, 331-342.	1.9	12
5	Effect of austenitization temperature on microstructure and mechanical properties of low-carbon-equivalent carbidic austempered ductile iron. International Journal of Minerals, Metallurgy and Materials, 2018, 25, 770-778.	4.9	17
6	Characterization of Austempered Ferritic Ductile Iron. IOP Conference Series: Materials Science and Engineering, 2018, 346, 012019.	0.6	1
7	Mechanical Characterization of Austempered Ductile Iron Obtained by Two Step Austempering Process. Transactions of the Indian Institute of Metals, 2017, 70, 2381-2387.	1.5	13
8	Compressive, tensile and wear behavior of ex situ Al/AlN metal matrix nanocomposites. Journal of Composite Materials, 2015, 49, 1917-1928.	2.4	21
9	Nanoindentation, Compressive and Tensile Deformation Study of In-Situ Alâ€“AlN Metal Matrix Composites. Transactions of the Indian Institute of Metals, 2015, 68, 291-297.	1.5	7
10	The Effect of Cutting Speed and Depth of Cut on Surface Roughness During Machining of Austempered Ductile Iron. Transactions of the Indian Institute of Metals, 2015, 68, 99-108.	1.5	23
11	Effect of Cryogenic Processing on Surface Roughness of Age Hardenable AA6061 Alloy. Materials and Manufacturing Processes, 2014, 29, 710-714.	4.7	25
12	Nanoindentation studies of ex situ AlN/Al metal matrix nanocomposites. Journal of Alloys and Compounds, 2014, 615, S392-S396.	5.5	29
13	The Wear Behavior of In-Situ Alâ€“AlN Metal Matrix Composites. Transactions of the Indian Institute of Metals, 2014, 67, 841-849.	1.5	15
14	Study on Quantification of Oxide Phases in Ex-situ AlN/Al Metal Matrix Nanocomposites. Transactions of the Indian Institute of Metals, 2014, 67, 761-767.	1.5	2
15	Nucleation Criteria for the Formation of Aluminum Nitride in Aluminum Matrix by Nitridation. Transactions of the Indian Institute of Metals, 2013, 66, 265-271.	1.5	7
16	Characterization of Inoculated Low Carbon Equivalent Iron at Lower Austempering Temperature. Transactions of the Indian Institute of Metals, 2012, 65, 449-458.	1.5	7
17	Synthesis of Al-AlN metal matrix composites by nitrogenation. Transactions of the Indian Institute of Metals, 2011, 64, 111-115.	1.5	4
18	Effect of graphite morphology on modulus of elasticity of low carbon equivalent ductile iron. Transactions of the Indian Institute of Metals, 2008, 61, 497-501.	1.5	7

#	Article	IF	Citations
19	On the Mechanism of the Effect of the Cryogenic Treatment on High Speed Steels. Advanced Materials Research, 0, 383-390, 7138-7142.	0.3	4