

Narsimha Chary

List of Publications by Year in descending order

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papers

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1040056

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11
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168
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification of Al6061-SiC surface composite through impregnation of graphene, graphite & carbon nanotubes via FSP: A tribological study. Surface and Coatings Technology, 2019, 368, 175-191.	4.8	68
2	Influence of Temperature Profile during Laser Welding of Aluminum Alloy 6061 T6 on Microstructure and Mechanical Properties. Materials and Manufacturing Processes, 2014, 29, 948-953.	4.7	37
3	Tribological Behavior of Solid-State Processed Al-1100/GNP Surface Nanocomposites. Journal of Materials Engineering and Performance, 2018, 27, 6529-6544.	2.5	25
4	Surface alteration of aluminium alloy by an exfoliated graphitic tribolayer during friction surfacing using a consumable graphite rich tool. Surface Topography: Metrology and Properties, 2019, 7, 045015.	1.6	23
5	Mechanical and microstructural characterization of laser weld-brazed AA6082-galvanized steel joint. Journal of Materials Processing Technology, 2019, 263, 21-32.	6.3	20
6	Surface mechanical and self-lubricating properties of MWCNT impregnated aluminium surfaces. Surface Engineering, 2019, 35, 970-981.	2.2	20
7	Tribological characteristics of aluminium-CNT/graphene/graphite surface nanocomposites: a comparative study. Surface Topography: Metrology and Properties, 2019, 7, 034001.	1.6	18
8	Influence of wire feed rate on mechanical and microstructure characteristics of aluminum to galvanized steel laser brazed joint. Journal of Manufacturing Processes, 2019, 39, 271-281.	5.9	12
9	A new empirical equation to describe the strain hardening behavior of steels and other metallic materials. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 802, 140641.	5.6	12
10	AA6082 to DX56-Steel Laser Brazing: Process Parameter-Intermetallic Formation Correlation. Journal of Materials Engineering and Performance, 2017, 26, 4274-4281.	2.5	4
11	Corrosion Behavior of Laser-Brazed Surface Made by Joining of AA6082 and Galvanized Steel. Journal of Materials Engineering and Performance, 2019, 28, 2115-2127.	2.5	3