

Narsimha Chary

List of Publications by Year in descending order

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11
papers

242
citations

1040056

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1281871

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11
all docs

11
docs citations

11
times ranked

168
citing authors

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