

S Rajkumar

List of Publications by Year in descending order

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17
papers

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1478505

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17
times ranked

70
citing authors

#	ARTICLE	IF	CITATIONS
1	Dieless Friction Stir Extrusion-Brazing (DFSE-B) of AA2024-T3 aluminum alloy to Copper with Zn interlayer. Results in Physics, 2021, 24, 104101.	4.1	36
2	Single step auto-igniting combustion technique grown CeO ₂ and Ni-doped CeO ₂ nanostructures for multifunctional applications. Journal of Alloys and Compounds, 2021, 882, 160409.	5.5	25
3	An insight into stress and strain analysis over on hexagonal aluminium sandwich honeycomb with various thickness glass fiber face sheets. Materials Today: Proceedings, 2021, 47, 493-499.	1.8	13
4	Influence of Filler Wire and Welding Process to Mitigate the Microsegregation of Alloy C-2000 Using Continuous and Pulsed Current Gas Tungsten Arc Welding Techniques. Journal of Materials Engineering and Performance, 2021, 30, 6050-6067.	2.5	10
5	Biomass-derived porous activated carbon from <i>anacardium occidentale</i> shell as electrode material for supercapacitors. New Journal of Chemistry, 2022, 46, 8863-8873.	2.8	10
6	Experimental evaluation of mechanical properties of polymer matrix composites reinforced with date palm frond fibers from Oman. Materials Today: Proceedings, 2021, 37, 3372-3380.	1.8	8
7	Strength and stiffness characteristics of A3003 aluminum honeycomb core sandwich panels. Materials Today: Proceedings, 2021, 37, 1140-1145.	1.8	7
8	Evaluation of elastic constants of A3003 honeycomb core with varying hexagonal cell geometries through finite element approach. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2014, 228, 1689-1700.	2.1	5
9	Impact of nano-filler WC on the fracture strength of epoxy resin. Materials Today: Proceedings, 2022, 59, 1420-1424.	1.8	4
10	Compression Behavior of Adhesive Butt Joints of Aluminum Hexagonal Core Sandwich Panels with Different Edging Configurations. Advanced Materials Research, 2012, 488-489, 737-741.	0.3	3
11	Mechanical behaviour of nano ceramic particles reinforced aluminium matrix composites. Materials Today: Proceedings, 2022, 59, 1452-1456.	1.8	3
12	Taguchi optimization of drilling process parameters on LM13/10wt%Graphene composites made by stir casting process. Materials Today: Proceedings, 2021, 47, 431-436.	1.8	2
13	Investigation on mechanical properties of AA2024/HBN composites prepared by stir casting method. Materials Today: Proceedings, 2021, 47, 396-399.	1.8	2
14	Investigation on thermal conductivity of ceramic particles reinforced polymer composites. Materials Today: Proceedings, 2022, 59, 1442-1446.	1.8	2
15	Influence of temperature on flat-wise tensile strength of Al3003 honeycomb sandwich panels. Materials Today: Proceedings, 2021, 37, 1938-1942.	1.8	1
16	Comparative studies on weldability and mechanical characteristics of semi- killed steel using different arc welding technique. Materials Today: Proceedings, 2022, , .	1.8	1
17	Mechanical properties of aluminium alloy AA7086 by equal channel angular press with parameters of die design. Materials Today: Proceedings, 2022, , .	1.8	0