

Vijayan Sundaravel

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

319
citations

1937632

4
h-index

1720014

7
g-index

10
all docs

10
docs citations

10
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Friction stir welding of dissimilar aluminum alloys AA2219 to AA5083 “ Optimization of process parameters using Taguchi technique. <i>Materials & Design</i> , 2012, 42, 1-7.	5.1	244
2	Conversion of waste plastics into low-emissive hydrocarbon fuels through catalytic depolymerization in a new laboratory scale batch reactor. <i>International Journal of Energy and Environmental Engineering</i> , 2017, 8, 167-173.	2.5	41
3	FRICITION STIR WELDING OF AL-MG ALLOY OPTIMIZATION OF PROCESS PARAMETERS USING TAGUCHI METHOD. <i>Experimental Techniques</i> , 2010, 34, 37-44.	1.5	25
4	The rise of short fibre reinforced plastics. <i>Reinforced Plastics</i> , 2020, 64, 97-102.	0.1	5
5	NANOMETER-SCALE MECHANICAL PROPERTIES OF MWCNT-MUSTARD OIL NANOFLUID AS A POTENTIAL BASE STOKE. <i>Journal of the Chilean Chemical Society</i> , 2021, 66, 5051-5056.	1.2	1
6	High temperature impression creep behavior and microstructures of wrought ZM21 magnesium alloy. <i>Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications</i> , 0, , 146442072110476.	1.1	1
7	Optimization of bead geometry for duplex stainless steel GTA welds using the Taguchi approach. <i>Materialpruefung/Materials Testing</i> , 2016, 58, 312-318.	2.2	1
8	EXPERIMENTAL INVESTIGATION AND MECHANISM ANALYSIS: EFFECT OF CONCENTRATION AND TEMPERATURE ON THE VISCOSITY OF NOVEL MWCNT-MUSTARD OIL NANOFLUID. <i>Journal of the Chilean Chemical Society</i> , 2020, 65, 4948-4952.	1.2	1
9	The Role of Friction Stir Welding Process Parameter on Mechanical Properties of Magnesium Alloy AZ31B. <i>Advanced Materials Research</i> , 2013, 849, 38-44.	0.3	0
10	Experimental Study on Machining of Aluminium Silicon Alloy (LM6) in Wire Electrical Discharge Machining. <i>Springer Proceedings in Materials</i> , 2020, , 579-585.	0.3	0