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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Investigation on Mechanical and Wear Behaviors of LM6 Aluminium Alloy-Based Hybrid Metal Matrix Composites Using Stir Casting Process. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-10.	1.0	7
2	Effect of Moisture Content on Mechanical Properties of AAM Natural Fiber-Reinforced Isophthalic Polyester Composites. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-10.	1.0	12
3	Investigation on Corrosion Behaviour of LM25-SiCp Composite Using Taguchi Method. <i>Advances in Materials Science and Engineering</i> , 2022, 2022, 1-9.	1.0	11
4	Investigation on Microstructural Characterization and Mechanical Behaviour of Aluminium 6061 Al / SiCp Hybrid Metal Matrix Composites. <i>Silicon</i> , 2022, 14, 11561-11576.	1.8	9
5	Optimization of process parameters using response surface methodology: A review. <i>Materials Today: Proceedings</i> , 2021, 37, 1301-1304.	0.9	118
6	A review on mechanical properties and wear behaviour of aluminium based metal matrix composites. <i>Materials Today: Proceedings</i> , 2021, 37, 908-916.	0.9	19
7	Effect of laser power on microstructure and tensile properties of pulsed Nd:YAG laser beam welded AISI 301 austenitic stainless steel joints. <i>Materials Today: Proceedings</i> , 2021, 37, 934-939.	0.9	15
8	Investigation on Microstructure and Tensile Properties of High-Strength AA2014 Aluminium Alloy Welds Joined by Pulsed CMT Welding Process. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-8.	1.0	9
9	Developing an Empirical Relationship to Predict the Wear Characteristics of Ni-Based Hardfaced Deposits on Nuclear Grade 316LN Austenitic Stainless Steel. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-10.	1.0	1
10	Optimizing the Characteristics of the Laser Hardfacing Process Parameters to Maximize the Wear Resistance of Ni-Based Hard-Faced Deposits Using the RSM Technique. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-15.	1.0	6
11	Prediction of hardness of stir cast LM13 aluminum alloy Al -copper coated short steel fiber reinforced composites using response surface methodology. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2020, 51, 221-229.	0.5	25
12	Dry sliding wear behaviour of Al6061Al -5%SiC-TiB ₂ hybrid metal matrix composites synthesized by stir casting process. <i>Materials Research Express</i> , 2020, 7, 126519.	0.8	13
13	Investigation on mechanical properties and tribological behaviour of stir cast LM13 aluminium alloy based particulate hybrid composites. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2019, 50, 864-874.	0.5	26
14	Wear behaviour of aluminium 7075 Al -boron carbide- coconut shell fly ash reinforced hybrid metal matrix composites. <i>Materials Research Express</i> , 2019, 6, 1065d3.	0.8	20
15	Investigation on mechanical properties and dry sliding wear characterization of stir cast LM13 aluminium alloy-ZrB ₂ -TiC particulate hybrid composites. <i>Materials Research Express</i> , 2019, 6, 066578.	0.8	18
16	Optimisation of Dry Sliding Wear Parameters of Squeeze Cast AA336 Aluminium Alloy: Copper-Coated Steel Wire-Reinforced Composites by Response Surface Methodology. <i>International Journal of Metalcasting</i> , 2019, 13, 354-366.	1.5	33
17	INVESTIGATION ON MECHANICAL AND WEAR PROPERTIES OF ZINC-COATED STEEL WIRES REINFORCED LM6 ALUMINIUM ALLOY COMPOSITES BY SQUEEZE CASTING. <i>Surface Review and Letters</i> , 2019, 26, 1850125.	0.5	38
18	Investigation on Mechanical Properties and Wear Behaviour of Squeeze Cast LM13 Aluminium Alloy Reinforced with Copper Coated Steel Wires. <i>Zeitschrift Fur Physikalische Chemie</i> , 2018, 232, 1787-1806.	1.4	28

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19	Investigation of Mechanical Properties and Dry Sliding Wear Behaviour of Squeeze Cast LM6 Aluminium Alloy Reinforced with Copper Coated Short Steel Fibers. Transactions of the Indian Institute of Metals, 2018, 71, 813-822.	0.7	54
20	Effect of Copper Coating and Reinforcement Orientation on Mechanical Properties of LM6 Aluminium Alloy Composites Reinforced with Steel Mesh by Squeeze Casting. Transactions of the Indian Institute of Metals, 2018, 71, 1041-1048.	0.7	41
21	Investigation on mechanical properties of aluminium 7075 - boron carbide - coconut shell fly ash reinforced hybrid metal matrix composites. China Foundry, 2018, 15, 449-456.	0.5	93
22	Effect of stir cast process parameters on wear behaviour of copper coated short steel fibers reinforced LM13 aluminium alloy composites. Materials Research Express, 2018, 5, 066550.	0.8	34
23	Investigation on microstructure and tensile behaviour of stir cast LM13 aluminium alloy reinforced with copper coated short steel fibers using response surface methodology. Transactions of the Indian Institute of Metals, 2018, 71, 2221-2230.	0.7	35
24	Investigation of the mechanical properties of a squeeze-cast LM6 aluminium alloy reinforced with a zinc-coated steel-wire mesh. Materiali in Tehnologije, 2018, 52, 125-131.	0.3	30
25	Dry sliding wear characterization of squeeze cast LM13/FeCu composite using response surface methodology. China Foundry, 2017, 14, 525-533.	0.5	47
26	Preparation and Characterization of Aluminium Nanocomposites Based on MWCNT. Applied Mechanics and Materials, 2014, 550, 30-38.	0.2	4