

Murugan Subramani

List of Publications by Year in descending order

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10
papers

118
citations

1478505

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1474206

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docs citations

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37
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of SiC Nanoparticles on AZ31 Magnesium Alloy. <i>Materials</i> , 2022, 15, 1004.	2.9	30
2	Strength and ductility enhancement of AZ61/Al ₂ O ₃ /SiC hybrid composite by ECAP processing. <i>Materials Today Communications</i> , 2022, 31, 103261.	1.9	11
3	Point-of-Care Testing Blood Coagulation Detectors Using a Bio-Microfluidic Device Accompanied by Raman Spectroscopy. <i>Coatings</i> , 2022, 12, 893.	2.6	3
4	Effect of WS ₂ Nanotubes on the Mechanical and Wear Behaviors of AZ31 Stir Casted Magnesium Metal Matrix Composites. <i>Journal of Composites Science</i> , 2022, 6, 182.	3.0	5
5	The Effect of Micro-SiCp Content on the Tensile and Fatigue Behavior of AZ61 Magnesium Alloy Matrix Composites. <i>International Journal of Metalcasting</i> , 2021, 15, 780-793.	1.9	16
6	Surface activation of poly(methyl methacrylate) for microfluidic device bonding through a H ₂ O plasma treatment linked with a low-temperature annealing. <i>Journal of Micromechanics and Microengineering</i> , 2021, 31, 055004.	2.6	8
7	Microstructure Evaluation, Quantitative Phase Analysis, Strengthening Mechanism and Influence of Hybrid Reinforcements (i ² -SiCp, Bi and Sb) on the Collective Mechanical Properties of the AZ91 Magnesium Matrix. <i>Metals</i> , 2021, 11, 898.	2.3	7
8	Effect of hybrid reinforcement on microstructure and mechanical properties of AZ61 magnesium alloy processed by stir casting method. <i>Composites Communications</i> , 2021, 25, 100772.	6.3	31
9	Hot deformation behavior and processing map of AZ61/SiC composites. <i>Materials Today Communications</i> , 2021, 29, 102861.	1.9	7
10	Evaluation of Fatigue Behavior of Silicon Carbide Particles Reinforced with Magnesium Alloy Metal Matrix Composites. <i>Key Engineering Materials</i> , 0, 830, 113-118.	0.4	0