

Murugan Subramani

List of Publications by Year in descending order

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papers

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1478505

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10
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37
citing authors

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