

Karthikeyan Ramachandran

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of Nanoparticles Reinforcements on Aluminium 6061 Alloys Fabricated via Novel Ultrasonic Aided Rheo-Squeeze Casting Method. <i>Metals and Materials International</i> , 2022, 28, 145-154.	1.8	33
2	Analysis of failure mechanisms of Oxide - Oxide ceramic matrix composites. <i>Journal of the European Ceramic Society</i> , 2022, 42, 1626-1634.	2.8	14
3	Multi-walled carbon nanotubes (MWCNTs)-reinforced ceramic nanocomposites for aerospace applications: a review. <i>Journal of Materials Science</i> , 2022, 57, 3923-3953.	1.7	31
4	Effect of MWCNTs on Improvement of Fracture Toughness of Spark Plasma Sintered SiC Nano-Composites. <i>Current Analytical Chemistry</i> , 2021, 17, 849-856.	0.6	7
5	Experimental investigation and mathematical modelling of water vapour corrosion of Ti ₃ SiC ₂ and Ti ₂ AlC ceramics and their mechanical behaviour. <i>Journal of the European Ceramic Society</i> , 2021, 41, 4761-4773.	2.8	14
6	Development of high-performance aluminium 6061/SiC nanocomposites by ultrasonic aided rheo-squeeze casting method. <i>Ultrasonics Sonochemistry</i> , 2021, 76, 105631.	3.8	21
7	Mechanical and thermal properties of spark plasma sintered Alumina-MWCNTs nanocomposites prepared via improvised colloidal route. <i>Materials Chemistry and Physics</i> , 2021, 272, 125034.	2.0	11