

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 | 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 |
| 3 | 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 |
| 4 | Experimental investigation and mathematical modelling of water vapour corrosion of Ti3SiC2 and Ti2AlC ceramics and their mechanical behaviour. <i>Journal of the European Ceramic Society</i> , 2021, 41, 4761-4773. | 2.8 | 14 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |