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Publications:

1. Design and fabrication of functionally graded in-situ aluminium composites for automotive pistons

AG Arsha, E Jayakumar, TPD Rajan, V Antony, BC Pai

Materials & Design (2015) 88, 1201–1209
2. Processing and Characterization of Functionally Graded Aluminum (A319)—SiCp Metallic Composites by Centrifugal Casting Technique

BCP E. Jayakumar, Jibin C. Jacob, T. P. D. Rajan, M. A. Joseph

Metallurgical and Materials Transactions (2016) A 47 (8), 4306-4315
3. Developments in smart anticorrosive coatings with multifunctional characteristics

SB Ulaeto, R Rajan, JK Pancrecious, TPD Rajan, BC Pai

Progress in Organic Coatings (2017) 111, 294-314
4. Effect of alumina nanoparticle on strengthening of Al-Si alloy through dendrite refinement, interfacial bonding and dislocation bowing

KMS Manu, SA Kumar, TPD Rajan, MR Mohammed, BC Pai

Journal of Alloys and Compounds (2017) 712, 394-405