

Srinivasa Rao Bakshi

Indian Institute of Technology Madras Surface engineering and coatings in-situ composites ultra high temperature ceramics and comp... carbon nanotubes and graph

GET MY OWN PROFILE		
	All	Since 2015
Citations	4707	3487
h-index	33	29
i10-index	54	52

TITLE	CITED BY	YEAR
Theoretical and experimental studies on thermal stability of nanocrystalline Mg-Mo alloy N Rai, BK Samantaray, KV Rajulapati, R Ravi, SR Bakshi, N Koundinya, Materialia, 100933		2020
Effect of Pin Length and Rotation Speed on the Microstructure and Mechanical Properties of Friction Stir Welded Lap Joints of AZ31B-H24 Mg Alloy and AA6061-T6 Al Alloy A Bandi, SR Bakshi Metallurgical and Materials Transactions A, 1-14		2020
Clinically Meaningful Reduction in Dyspareunia Is Associated With Significant Improvements in Health-Related Quality of Life Among Women With Moderat to Severe Pain Associated SK Agarwal, AM Soliman, RM Pokrzywinski, MC Snabes, KS Coyne The Journal of Sexual Medicine		2020
Fabrication of W-Cu functionally graded composites using high energy ball milling and spark plasma sintering for plasma facing components LK Pillari, SR Bakshi, P Chaudhuri, BS Murty Advanced Powder Technology 31 (8), 3657-3666		2020
Microstructure and high temperature mechanical properties of wire arc additively deposited Stellite 6 alloy GP Rajeev, MR Rahul, M Kamaraj, SR Bakshi Materialia, 100724		2020
Tensile properties of carbon nanotubes reinforced aluminum matrix composites: A review M Jagannatham, P Chandran, S Sankaran, P Haridoss, N Nayan, Carbon 160, 14-44	16	2020
Microstructural and mechanical properties of oxide dispersion strengthened iron aluminides produced by mechanical milling and hot extrusion PV Durga, KS Prasad, SB Chandrasekhar, AV Reddy, SR Bakshi, R Vijay Journal of Alloys and Compounds, 155218		2020
Effect of Post-Weld Heat Treatment on the Microstructure of Plasma Arc Welded DP600 Steel		2019

AA Kuril, M Jagannatham, GDJ Ram, SR Bakshi

Metallography, Microstructure, and Analysis 8 (6), 848-860

TITLE	CITED BY	YEAR
Transmission Electron Microscopy Studies of Plasma Arc-Welded DP600 Dual-Phase Steel in Keyhole Mode AA Kuril, M Jagannatham, GDJ Ram, SR Bakshi Metallurgical and Materials Transactions A 50 (12), 5689-5699		2019
Microstructural and morphological changes during ball milling of Copper- Silver-Graphite flake mixtures A Pragatheeswaran, R Ravi, SR Bakshi Advanced Powder Technology 30 (11), 2759-2767	3	2019
Effect of graphene nano-platelet addition on the microstructure and spark plasma sintering kinetics of zirconium diboride N Shanbhog, K Vasanthakumar, N Arunachalam, SR Bakshi International Journal of Refractory Metals and Hard Materials 84, 104979		2019
Comparison of microstructure, dilution and wear behavior of Stellite 21 hardfacing on H13 steel using cold metal transfer and plasma transferred arc welding processes GP Rajeev, M Kamaraj, SR Bakshi Surface and Coatings Technology 375, 383-394	5	2019
Effect of correction parameters on deposition characteristics in cold metal transfer welding GP Rajeev, M Kamaraj, SR Bakshi Materials and Manufacturing Processes 34 (11), 1205-1216	3	2019
Solidification and Liquation Cracking Behavior of Dual-Phase Steel DP600 AA Kuril, GDJ Ram, SR Bakshi Metallurgical and Materials Transactions B 50 (4), 2029-2036		2019
Microstructure and mechanical properties of keyhole plasma arc welded dual phase steel DP600 AA Kuril, GDJ Ram, SR Bakshi Journal of Materials Processing Technology 270, 28-36	6	2019
Synthesis and mechanical properties of TiCx and Ti (C, N) reinforced Titanium matrix in situ composites by reactive spark plasma sintering K Vasanthakumar, S Ghosh, N Koundinya, S Ramaprabhu, SR Bakshi Materials Science and Engineering: A 759, 30-39	n 5	2019
Microstructure and Mechanical Properties of Ti–Al–Ni–Cr–Co–Fe-Based High- Entropy Alloys RA Sekhar, SR Bakshi Transactions of the Indian Institute of Metals 72 (6), 1413-1416	-	2019
Microstructural Evolution of Ti–Al–Ni (Cr, Co, Fe)-Based High-Entropy Alloys Processed Through Mechanical Alloying RA Sekhar, SR Bakshi Transactions of the Indian Institute of Metals 72 (6), 1427-1430	1	2019

TITLE	CITED BY	YEAR
Microstructure and mechanical properties of Ti-Al-Ni-Co-Fe based high entropy alloys prepared by powder metallurgy route RA Sekhar, S Samal, N Nayan, SR Bakshi Journal of Alloys and Compounds 787, 123-132	9	2019
Microstructure and mechanical properties of as-cast and T6 treated Sc modified A356-5TiB2 in-situ composite SL Pramod, AKP Rao, BS Murty, SR Bakshi Materials Science and Engineering: A 739, 383-394	9	2019