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LAST FIVE YEAR PUBLICATIONS

S.NO	TITLE OF THE PUBLICATIONS	YEAR
1	S Chidambaram, Ashok Kamaraj, R Saravana Kumar and V Karthik, Shear Fracture and Industrial Overload Failure of Mechanical Fuse Shear Pin, IOP Conference Series: Materials Science and Engineering, 377 (2018) 012004.	2018
2	V Karthik, SK Pabi, SKR Chowdhury, Development of hydroxyapatite/polyvinyl alcohol bionanocomposite for prosthesis implants, IOP Conference Series: Materials Science and Engineering, 314 (2018) 012031 .	2018
3	S Chidambaram, K Ashok, V Karthik, PG Venkatakrishnan, Microbiological corrosion of ASTM SA105 carbon steel pipe for industrial fire water usage, IOP Conference Series: Materials Science and Engineering, 314 (2018) 012027.	2018
4	S Dhanalakshmi, N Mohanasundararaju, PG Venkatakrishnan, V Karthik, Optimization of friction and wear behaviour of Al7075-Al2O3-B4C metal matrix composites using Taguchi method, IOP Conference Series: Materials Science and Engineering, 314 (2018) 012025.	2018
5	S Mithra, PG Venkatakrishnan, D Noorullah, V Karthik, Failure Analysis of Gold Dust defect in 430 grade Stainless Steel, IOP Conference Series: Materials Science and Engineering, 314 (2018) 012003.	2018
6	SP Md. Meraj, Krishna Dutta, RavindraBhardwaj, NatrajYedla, V. Karthik, Influence of Asymmetric Cyclic Loading on Structural Evolution and Deformation Behavior of Cu-5 at.% Zr Alloy: An Atomistic Simulation-Based Study, Journal of Materials Engineering and Performance, 26 (2017) 5197-5205.	2017
7	J Krishan, P Gupta, KarthikVaduganathan, N Yedla, Superplastic Pd50Pt50 monocrystalline bimetallic alloy nanowire: a molecular dynamics simulation study, Metallurgical Research & Technology, 114 (2017) 302.	2017
8	D Noorullah, SSM Nazirudeen, A Mukesh, V Karthik, Development of Closed Cell Metallic Foams for Automotive Crashworthiness, International Journal of Vehicle Structures &Systems, 7 (2015) 141.	2015