

Number of Quality Publications in refereed /SCI Journals, Cittaions for CAY 2018-1019

S. No	Name of the Authors	Title of the paper	Name of the Journal	Index	Citations
1.	A.Hemalatha, V. Dhanalakshmi	Effect of stir casting Process parameters on properties of Aluminum Composites-Taguchis Analysis	Materials Science	https://doi.org/10.5755/j01.ms.25.4.20864	
2.	R.Pandiyarajan, P.Maran, N. Murugan, S. Marimuthu, T. Sornakumar	Friction Stir Welding of hybrid AA 6061-ZrO2-C Composites FSW process optimization using desirability approach	Material Research Express	Doi:10.1088/2053-1591/ab084e	10
3.	R.Pandiyarajan, Maran.P, Marimuthu.S, K.Arumugam	Mechanical and Metallurgical characterization of friction stir Welded AA6061-ZRO2-C Hybrid MMCS	Materials Today: Proceedings	DOI:10.1016/J.MATPR.2019.06.760	11
4.	K.J.Nagarajan, A.N.Balaji, N.R.Ramanujam	Extraction of cellulose nanofibers from cocosnuciferavarau rantiaca peduncle by ball milling combined with chemical treatment	Carbohydrate polymers	10.1016/j.carbpol.2019.02.063	49
5..	A.N. Balaji, S. Porselvi, N. Jawahar	Particle swarm optimisation algorithm and multi start simulated annealing algorithm for scheduling batches of parts in multi- cell flexible manufacturing	International Journal of Services and Operations Management	DOI: 10.1504/IJSOM.2019.097040	6

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6.	S.ThangaKasi Rajan , A.N.Balaji, G.R.Raghav, S.C.Vettivel	Compression and Corrosion behavior of sintered Copper - Fly Ash Composite Material	Material Research Express	Doi: 10.1088/2053-1591/aafaec	8
7.	D.Venkata Krishnan, G.Udayakumar, S. Suresh, M.R.Thansekhar, UzairIqbal	Evaluating the scale effects of metal nanowire coatings on the thermal performance of miniature loop heat pipe	Applied Thermal Engineering	https://doi.org/10.1016/j.applthermaleng.2018.01.052	15
8.	G Udaya Kumar, KhushbooSoni, S.Suresh , KaushikGhosh, M.R.Thansekhar, P. Dinesh Babu	Modified surfaces using seamless graphene/carbon nanotubes based nanostructures for enhancing pool boiling heat transfer	Experimental Thermal and Fluid Science	https://doi.org/10.1016/j.expthermflusci.2018.03.038	48
9.	G. Udaya Kumar, S Suresh, M.R.Thansekhar, D.Hal pati	Role of inter-nanowire distance in metal nanowires on pool boiling heat transfer characteristics	Journal of colloid and interface science	https://doi.org/10.1016/j.jcis.2018.07.092	22
10.	G.R. Raghav, A.N.Balaji, D.Muthukrishnan, V.Sruthi	Preparation of Co- Gr Nano- Composites and Analysis of their Tribological andCorrosion characteristics	Metallofizika I NoveishieTekhnologii	DOI: 10.15407/mfint.40.07.0979.	7

11	R. Ashok kumar, M.R. Thansekhar	Mechanical and wear properties of friction stir welded dissimilar AA6101-T6 and AA1350 alloys: Effect of offset distance and number of passes	Journal of Mechanical Science and Technology	DOI 10.1007/s12206-018-0632	5
12	S.ThangaKasi Rajan, A.N.Balaji, P.Narayanasamy , S.C.Vettivel	Microstructural, electrical, thermal and tribological studies of copper- fly ash composites through powder metallurgy	Bulletin of the Polish Academy of Sciences: Technical Sciences	DOI: 10.24425/bpas.2018.125941	7
13	R.Sundar, A.N.Balaji, R.M.Satheesh Kumar	Analyzing the Performance of Lean Manufacturing Implementation with Chronological Execution of Lean Elements using Spread Sheet features: A Case Study	International Journal of Productivity and Quality Management	DOI:10.1504/IJPM.2019.099626	1
14	R. Ashok kumar, M.R.Thansekhar	Wear behaviour of friction stir welded dissimilar aluminium alloys	Metallofizika i Noveishie Tekhnologii	doi:10.1088/1757-899X/377/1/012212	3
15	G.Udaya Kumar, D.Venkata Krishnan S Suresh, M.R Thansekhar, R.Varun Prasanna, M.Jubal	Investigating the combined effect of square microgrooves and CNT coating on condensation heat transfer	Applied Surface Science	https://doi.org/10.1016/j.apsusc.2018.10.245	17

