

**Number of quality publications in refereed / SCI Journals, Citations for 2018-2019**

<b>Authors</b>	<b>Article Title</b>	<b>Journal Title</b>	<b>Index</b>	<b>Annexure/UGC/Scopus/SCI/other s</b>	<b>Citation s</b>
G.R. Raghav, A.N.Balaji, D.Muthukrishnan, V.Sruthi	Preparation of Co-Gr Nano- Composites and Analysis of their Tribological and Corrosion characteristics	Metallofizika I NoveishieTekhnologi i	Vol. 40, No. 7, 2018, pp. 979-992. DOI: 10.15407/mfint.40.07.0979.	NA	8
D.Venkata Krishnan, G.Udayakumar, S. Suresh, M.R.Thansekhar, Uzair Iqbal	Evaluating the scale effects of metal nanowire coatings on the thermal performance of miniature loop heat pipe	Applied Thermal Engineering	Vol. 133, 2018, pp. 727-738. DOI: 10.1016/j.applthermaleng.2018.01.05 2.	Scopus Indexed	16
C.Anbumeenakshi, P.I. MeenatchiSundhar , P.I. Kalyaahna Sundaram, M.R. Thansekhar	Experimental Investigation of Heat Transfer Study in Rectangle Type Straight and Oblique Finned Microchannel Heat Sink with Nanofluids	International Research Journal of Engineering and Technology	Vol. 5, No. 12, 2018, pp. 621-634. DOI:	NA	-
G Udaya Kumar, Khushboo Soni, S.Suresh, Kaushik Ghosh, M.R.Thansekhar, P. Dinesh Babu	Modified surfaces using seamless graphene/carbo n nanotubes based nanostructures for enhancing pool boiling	Experimental Thermal and Fluid Science	Vol. 96, 2018, pp. 506. DOI: 10.1016/j.expthermflusci.2018.03.038	Scopus Indexed	50

	heat transfer				
G. Udaya Kumar, S Suresh, M.R.Thansekhar, D.Halpati	Role of inter-nanowire distance in metal nanowires on pool boiling heat transfer characteristics	Journal of Colloid and Interface Science	Vol. 532, 2018, pp. 2018-230. DOI: 10.1016/j.jcis.2018.07.092.	Scopus indexed	22
A.Hemalatha, V. Dhanalakshmi	Effect of stir casting Process parameters on properties of Aluminum Composites Taguchi's Analysis	Materials Science - Medziagotyra	Vol. 25, No. 4, 2019, pp. 401-406. DOI: 10.5755/j01.ms.25.4.20899	SCI Indexed	-
R.Pandiyarajan, P.Maran, N. Murugan, S. Marimuthu, T. Sornakumar	Friction Stir Welding of hybrid AA 6061-ZrO <sub>2</sub> - C Composites FSW process optimization using desirability approach	Material Research Express (IOP Science)	Vol. 6, 2019, pp. 066553. DOI: 10.1088/2053-1591/ab084e.	Scopus Indexed	15
R.Pandiyarajan, Maran.P, Marimuthu.S, K.Arumugam	Mechanical and metallurgical characterization of friction stir welded AA6061-ZRO <sub>2</sub> -C hybrid MMCs	Materials Today: Proceedings	Vol. 19(2), 2019, pp/ 256-259. DOI: 10.1016/J.MATPR.2019.06.760	Scopus Indexed	25

<p>K.J.Nagarajan, A.N.Balaji, N.R.Ramanujam</p>	<p>Extraction of cellulose nanofibers from <i>cocos nucifera var aurantiaca peduncle</i> by ball milling combined with chemical treatment</p>	<p>Carbohydrate Polymers</p>	<p>Vol. 212, 2019, pp. 312-322. DOI: 10.1016/j.carbpol.2019.02.063.</p>	<p>Scopus Indexed</p>	<p>51</p>
<p>A.N. Balaji, S. Porselvi, N. Jawahar</p>	<p>Particle swarm optimization algorithm and multi start simulated annealing algorithm for scheduling batches of parts in multi- cell flexible manufacturing system</p>	<p>International Journal of Services and Operations Management</p>	<p>Vol. 32, No. 1, 2019, pp. 83-129. DOI: 10.1504/IJSOM.2019.097040.</p>	<p>Scopus Indexed</p>	<p>6</p>
<p>S.ThangaKasiRajan , A.N.Balaji, G.R.Raghav, S.C.Vettivel</p>	<p>Compression and Corrosion behavior of sintered Copper - Fly Ash Composite Material</p>	<p>Material Research Express</p>	<p>Vol. 6, 2019, pp. 046524. DOI: 10.1088/2053-1591/aafaec.</p>	<p>Scopus Indexed</p>	<p>9</p>
<p>R. Ashok Kumar, M.R. Thansekhar</p>	<p>Mechanical and wear properties of friction stir welded dissimilar AA6101-T6 and AA1350 alloys: Effect of offset distance and number of passes</p>	<p>Journal of Mechanical Science and Technology</p>	<p>Vol. 32, 2018, pp. 3299-3307. DOI: 10.1007/s12206-018-0632-8.</p>	<p>Scopus Indexed</p>	<p>8</p>

S.ThangaKasiRajan , 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	Vol. 66, No. 6, 2019, pp. 935-940. DOI: 10.24425/bpas.2018.125941.	Scopus Indexed	9
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	Vol. 27, No. 1, 2019, pp. 66-96. DOI: 10.1504/IJPQM.2019.10020992.	Scopus Indexed	4
R. Ashok Kumar, M.R.Thansekhar	Wear behaviour of friction stir welded dissimilar aluminium alloys	Metallofizika I NoveishieTekhnologi i	Vol. 41, No. 2, 2019, pp. 203-211. DOI: 10.1088/1757- 899X/377/1/012212.	NA	4
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	Vol. 469, 2019, pp. 50-60. DOI: 10.1016/j.apsusc.2018.10.24 5.	Scopus Indexed	18