

**Number of quality publications in refereed / SCI Journals, Citations for 2021-2022**

<b>Authors</b>	<b>Article Title</b>	<b>Journal Title</b>	<b>Index</b>	<b>Annexure/UGC/Scopus/SCI/others</b>	<b>Citations</b>
G. R. Raghav, R. Suraj, SheejaJanardhanan, Vidya Chandran, K. J. Nagarajan, Nikhil Asok	Impact of Ground Nut Shell Ash on Cobalt - Chromium Metal Matrix Composites Synthesized Using Powder Metallurgy Process	IOP Conference Series: Materials Science and Engineering	Vol. 1166, No. 1, 2021, pp. 012006. DOI: 10.1088/1757-899X/1166/1/012006.	Scopus Indexed	-
S.Ponsuriyaprakash, P.Udhayakumar, R. Pandiyarajan	Optimization and Analysis of Dry Sliding Wear Process Parameters on Cellulose Reinforced ABS Polymer Composite Material	Pigment & Resin Technology	Vol. 52, No. 2, 2021, pp. 203-210. DOI: 10.1108/PRT-06-2021-0067.	Scopus Indexed	-
M. Satheeshkumar, M.R. Thansekhar, R. Pandiyarajan	Influence of Ceramic Based Nanofluids and Inlet Header Geometry on the Thermal Performance of Wavy Microchannel Heat Sink	Journal of Ceramic Processing Research	Vol. 22. No. 6, 2021, pp. 679-91. DOI: 10.36410/jcpr.2021.22.6.679.	Scopus Indexed	-
A. Stalin, S. Motilal, V. Vignesh, K.J. Nagarajan, T. Karthick	Mechanical properties of <i>Typha Angustata/ Vetiver/ Banana</i> fiber Mat reinforced Vinyl Ester Hybrid Composites	Journal of Natural Fibers, Taylor & Francis	Vol. 19, No. 12, 2022, pp. 5227-38. DOI: 10.1080/15440478.2021.1875366.	Scopus Indexed	5

M. P. Prabakaran, G. R. Kannan, R. Pandiyarajan	Effects of Welding Speed on Microstructure and Mechanical Properties of CO2 Laser Welded Dissimilar Butt Joints between Low Carbon Steel and Austenitic Stainless Steel	Advances in Materials and Processing Technologies	Vol. 8, 2022, pp. 1-12. DOI: 10.1080/2374068X.2020.1855960.	Scopus Indexed	9
M. Mohanraj, R. Pandiyarajan, K. S. Jayakumar, D. Antony Prabu, S. Sabarish, T. Sankaralingam	Determination of Vibration Analysis in Single and Double Cracked Cantilever Numerical Beam	Materials Today: Proceedings - Elsevier	Vol. 52, 2022, pp. 462-466. DOI: 10.1016/j.matpr.2021.09.215.	Scopus Indexed	2
S.Ponsuriyaprakash, P.Udhayakumar, R. Pandiyarajan	Experimental Investigation of ABS Matrix and Cellulose Fiber Reinforced Polymer Composite Materials	Journal of Natural Fibers- Taylor & Francis	Vol. 19, No. 9, 2022, pp. 3241-52. DOI: 10.1080/15440478.2020.1841065.	Scopus Indexed	12
S.Ponsuriyaprakash, P.Udhayakumar, R. Pandiyarajan	Mechanical Characterization and morphological behavior of a novel composite of ABS Polymer strengthened by Cellulose	Journal of the Chinese Institute of Engineers	Vol. 45, No. 3, 2022, pp. 255-65. DOI: 10.1080/02533839.2022.2034055.	Scopus Indexed	-

G. Venkatesan, V. Vignesh, K. J. Nagarajan, R. Krishnaraj, N. Nagaprasad, K. Vinayagar	Extraction and Characterization of Agricultural Discarded <i>SesbaniaAculeata</i> Stem Waste as Potential Alternate for Synthetic Fibers in Polymer composites	Journal of Natural Fibers- Taylor & Francis	Vol. 19, No. 15, 2022, pp. 10601-10615. DOI: 10.1080/15440478.2021.2002756.	Scopus Indexed	2
A.Hemalatha, P. Udhayakumar	Experimental Investigation on Influence of Process Parameters on Properties of Powder Synthesized Aluminium Metal Matrix Composites by Taguchi's Analysis	Materials Research	Vol. 25, 2022, pp. 1-6. DOI: 10.1590/1980-5373-MR-2022-0083.	Scopus Indexed	3
K. J. Nagarajan, M. R. Sanjay, K. SathickBasha, G. R. Raghav, R. Ashok Kumar, P. Sabarinath	Extraction of Cellulose Nanocrystals from Red <i>Banana Peduncle</i> Agro- Waste and Application in Environmentally Friendly Biocomposite Film	Polymer Composites	Vol. 43, No. 8, 2022, pp. 4942-58. DOI: 10.1002/pc.26755.	Scopus Indexed	11
C. Anbumeenakshi, M.M.BanshidharMahish, N.S Dhanushraam, M. Maruthasankar	Experimental study on Green (Solar) desalination system using Fresnel lens	International Journal of Engineering Research and Applications	Vol. 12, No. 4, 2022, pp. 53057.	NA	-