Number of quality publications in refereed / SCI Journals, Citations for 2024-2025

Authors	Article Title	Journal Title	Index	Annexure/UGC/ Scopus/SCI/others	Citations
K. Srithar **P. Udhayakumar**, M.C. Sundhar , P. Guru Baskar R. Hemakumar R. Saravanan	Photovoltaic panel with bottom-mounted air cooling system	Cleaner Engineering and Technology	24(2025),100870, https://doi.org/10.1016/j.clet.2024.100870	Scopus	
M. Karthikraja S. Selvaraj M. Udhayakumar **M.R. Thansekhar**	Wire EDM machining characteristics of squeeze cast AI-Zn-Mg-Cu/(SiC+AI2 O3) hybrid composite by TOPSIS approach	Journal of Process Mechanical Engineering	DOI: 10.1177/09544089241284109	Scopus	
D. Thangmari **D. Satheesh Pandian** S.V. Devi Gayadri	Identify and Separate ruits and Vegetables by Recognizing the States of its Ingredients with Deep Learning Algorithms	Bulletin for Technology and History Journal	Issn No:0391-6715 Volume 24, Issue 7,2024	Others	
D. Satheesh Pandian	Quantitative Sequential Modeling Approach to Estimate the Reliability of Computer Controlled pneumatically operated Pick and Place Robot	Strojniski Vestnik – Journal of Mechanical Engineering	Vol 71.No 1-2 . Y2025	Scopus	
D. Satheesh Pandian	Optimized deep learning approach for automated fault diagnosis in mobile robot used for fire-fighting application	Evolving Systems 2025	http://doi.org/10.1007/s12530-025-09658-0	Scopus	
A.Hemalatha A.Anitha **C. Anbumeenakshi** K.SureshGopi T. Dharmavel	Development of Coating Material Using Flax Seeds for Solar Panel	Quaderns Journal	Volume 12 Issue 10,2024	Others	
A.Hemalatha **C. Anbumeenakshi**	Optimization of process Parameters on Properties of Aluminum Metal Matrix Composites Using Taguchi's Analysis	Alochana Journal	Volume 13 Issue 10,2024	Others	

A.Hemalatha **C. Anbumeenakshi** K.SureshGopi T. Dharmavel	Indigenization of Compressor Piston Composite Material With Reverse Engineering	Quaderns Journal	Volume 12 Issue 10,2024	Others	
C. Anbumeenakshi **A. Hemalatha** M. Arikesavan K.Premgopi A. Aravindh	Experimental Study on the Effect of Header Shape on Flow Maldistribution in Microchannels	ALOCHANA JOURNAL	VOLUME 13 ISSUE 7 2024	Others	
T.L. Vijaya Kumar **P. Udhayakumar** B. Balavairavan	Influence of Selenicereus undatus (Dragon Fruit) peel Powder as a Reinforcement Filler on the Mechanical, Water Absorption, UV Shielding, and Bilodegration Properties of Polyvinyl Alcohol Biocomposite Film	Polymer Engineering & Science	https://doi.org/10.002/pen.27271	Scopus	