

| S.N | Authors                                                                                                              | Title                                                                                                                                                                          | Year | Vol | DOI                               |
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| 1   | Bindu G.H.; Ganesh M.; Kumar S.S.; Pati P.R.; Giri J.; Sathish T.; Makki E.                                          | Performance of jack fruit methyl ester and pine oil blends with coconut shell nanoadditive biodiesel for automobile applications                                               | 2024 | 245 | 10.1007/s10751-024-02004-x        |
| 2   | Arunachalam S.J.; Saravanan R.; Sathish T.; Giri J.; Kanan M.                                                        | Mechanical assessment for enhancing hybrid composite performance through silane treatment using RSM and ANN                                                                    | 2024 | 24  | 10.1016/j.rineng.2024.103309      |
| 3   | Jeyaprakasam S.; Gnanasekaran M.; Magibalan S.; Singh R.P.; Mohanavel V.; Kannan S.; Giri J.; Ali M.S.; Barmavatu P. | Tribological, mechanical and microstructure characteristics of hybrid aluminium matrix composite containing titanium carbide (TiC) and graphite particles                      | 2024 | 33  | 10.1016/j.jmrt.2024.10.167        |
| 4   | Giri J.; Sathish T.; Sheikh T.; Sunheriya N.; Giri P.; Chadge R.; Mahatme C.; Parthiban A.                           | Correction to: Automatic liver segmentation using U-Net deep learning architecture for additive manufacturing (Interactions, (2024), 245, 1, (90), 10.1007/s10751-024-01927-9) | 2024 | 245 | 10.1007/s10751-024-02160-0        |
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| 10 | Thejasree P.;<br>Manikandan N.;<br>Sunheriya N.; Giri<br>J.; Sathish T.;<br>Chadge R.;<br>Mahatme C.;<br>Parthiban A.              | Application of ANFIS<br>approach for prediction<br>of performance measures<br>in wire electric discharge<br>machining of SAE 1010                                                                          | 2024 | 245  | 10.1007/s10751-024-02030-9   |
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| 14 | Sathish T.;<br>Saravanan R.;<br>Arunachalam S.J.;<br>Giri J.; Al-lehaibi<br>M.; Lalvani J.I.J.                                     | Enhancement of<br>Hydrogen Production<br>Using an Integrated<br>Evacuated Tube Solar<br>Collector and PEM<br>Electrolyzer With Al <sub>2</sub> O <sub>3</sub><br>and SiO <sub>2</sub> Hybrid<br>Nanofluids | 2025 | 7    | 10.1002/eng2.13103           |
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| <b>24</b> | Ramkumar G.;<br>Mouleeswaran<br>S.K.; Priyadarshini<br>R.; Muppala C.;<br>Praveenkumar T.R.;<br>Giri J.; Khan S.                   | Enhancing thermal<br>management in multi-<br>zone air conditioning<br>system using novel hybrid<br>bat-cuckoo search<br>optimization methods: A<br>case study of a shopping<br>mall                         | 2025 | 103 | 10.1016/j.job.2025.112088     |
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