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Science Citation indexed (SCI) Journals:

1. Karthigairajan M, **T. Maridurai*** (2020), Effect of Silane-treated Rice Husk Derived Biosilica on Viscoelastic, Thermal Conductivity and Hydrophobicity Behavior of Epoxy Biocomposite Coating for Air-duct Application, Silicon, ISSN: 18769918, IF: 1.586(**Springer**)
2. A Vasudevan, **T. Maridurai*** (2020), Tensile and Flexural Behaviour of Glass Fibre Reinforced Plastic - Aluminium Hybrid Laminate Manufactured by Vacuum Resin Transfer Moulding Technique (VARTM), Materials Today: Proceedings, ISSN: 22147853, 1(1) (**Elsevier**) **IF:0.5**
3. V. R. Arun Prakash, J. Francis Xavier, G. Ramesh, **T. Maridurai*** (2020), Mechanical, thermal and fatigue behaviour of surface-treated novel Caryota urens fibre–reinforced epoxy composite, Biomass Conversion and Biorefinery, <https://doi.org/10.1007/s13399-020-00938-0> IF: 2.15(**Springer**)
4. D. Jayabalakrishnan, **T. Maridurai***, V. R. Arun Prakash (2020), Fabrication and Characterization of Acrylonitrile Butadiene Rubber and Stitched E-Glass Fibre Tailored Nano-Silica Epoxy Resin Composite, Silicon, <https://doi.org/10.1007/s12633-020-00612-0> IF: 1.586(**Springer**)
5. A Vasudevan, **T. Maridurai*** (2020), Low Velocity Impact and Mechanical Behaviour of Shot Blasted SiC Wire-Mesh and Silane-Treated Aloevera/Hemp/Flax-Reinforced SiC Whisker Modified Epoxy Resin Composites, Materials Today: Proceedings, Issn: 22147853, 1(1): pp 1-9(**Elsevier**) **IF:0.5**
6. M. Arul Murugan, V. Jayaseelan, D. Jayabalakrishnan, **T. Maridurai**, S. Selva Kumar, G. Ramesh, V. R. Arun Prakash (2019), Low Velocity Impact and Mechanical Behaviour of Shot Blasted SiC Wire-Mesh and Silane-Treated Aloevera/Hemp/Flax-Reinforced SiC Whisker Modified Epoxy Resin Composites, Silicon, <https://doi.org/10.1007/s12633-019-00297-0> IF: 1.586(**Springer**)
7. N.Parthipan, M.IIankumaran, **T.Maridurai**, S.C.Prasanna (2019) Effect of Silane Treated Silicon (IV) Oxide Nanoparticle Addition on Mechanical, Impact Damage and Drilling Characteristics of KenafFibreReinforced Epoxy Composite, Silicon, 1(1): pp 1-9, <https://doi.org/10.1007/s12633-019-00138-0>, IF: 1.586(**Springer**)
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9. M. Gnanavel, **T. Maridurai** (2018), Effect Of Surface Modification And Particle Size On Dielectric Properties Of Iron(III)Oxide-Epoxy Composite Film, Digest Journal of Nanomaterials and Biostructures, 13(1):39-48. Impact factor -1.511
10. C Ramesh, C Manickam, **T Maridurai**, VR Arun Prakash “Influence of Surface Modified MWCNT on Mechanical and Thermal Properties of Carbon Fiber/Epoxy Resin Hybrid

11. Gnanavel M¹, **Maridurai T**², "Effect of Surface Modification and Particle Size On Dielectric Properties Of Iron (III) Oxide-Epoxy Composite Film" in Digest Journal of Nanomaterials and Biostructures (Annexure I), ISSN 1583-3186, 2018. IF – 0.756,P39-48.
12. Chandran V, Lenin N, **Maridurai T**, Jawahar P, Vignesh G, Sunil K (2018) Experimental studies on different proportions of Cb-filled natural rubber composites with precipitated silica and silica gel, Lecture Notes in Mechanical Engineering, Vol.1, pp 489-498
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16. Ramesh C¹, **Maridurai T**^{2*} "Dry sliding wear characteristics of heat treated and Surface modified hematite particles-epoxy particulate Composite " in Romanian journal of Materials (Annexure I), ISSN 1583-3186, 2016. IF – 0.912
17. **Maridurai T**, Balaji D "Experimental Investigation on Engine Performance and Emission in Diesel Engine by Aluminium-Titanium Thermal Barrier Coating" International journal of chemical science. (Annexure I) ISSN 0972-768X, Int. J. Chem. Sci.: 14(1), 2016, 152

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20. **Maridurai T**, Harrish Ashamed K, Loganathan K, "Performance Enhancement with different geometry of Thermal Energy Storage systems" in International Journal of Mechanical and Production Engineering Research and Development(IJMPERD),ISSN 2249 – 8001, 2019.
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24. Arun Prakash V, **Maridurai T** "Interlaminar shear strength behaviour of acid, Base and silane treated E-glass fibre reinforced epoxy resin composite" in Romanian journal of Materials (Annexture I), ISSN 1583-3186, 2016. IF – 0.612
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32. **Maridurai T**, Shashank Rai, Shivam Sharma, Srinivasan K 'Analysis of tensile strength and fracture toughness using root pass of TIG welding and subsequent passes of SMAW and SAW of P91 material for boiler application' in International Journal of Mechanical Engineering and Technology. ISSN 0976 – 6359, Volume 3, Issue 2, May-August (2010),
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