

Shenbaga Velu P

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

306
citations

933447

10
h-index

888059

17
g-index

25
all docs

25
docs citations

25
times ranked

125
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | An experimental insight of friction stir welding of dissimilar AA 6061/Mg AZ 31 B joints. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2022, 236, 787-797. | 2.4 | 14 |
| 2 | Mechanical and microstructural characterization of hybrid fiber metal laminates obtained through sustainable manufacturing. Archives of Civil and Mechanical Engineering, 2022, 22, 1. | 3.8 | 2 |
| 3 | Effect of stacking sequence of fibre metal laminates with carbon fibre reinforced composites on mechanical attributes: Numerical simulations and experimental validation. Composites Science and Technology, 2022, 221, 109303. | 7.8 | 21 |
| 4 | Thermal behavior analysis and mechanical characterization of friction stud welded AISI 304/AA6063 joints. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2022, 44, 1. | 1.6 | 4 |
| 5 | Green Corrosion Inhibition on Carbon-Fibre-Reinforced Aluminium Laminate in NaCl Using Aerva Lanata Flower Extract. Polymers, 2022, 14, 1700. | 4.5 | 4 |
| 6 | INFLUENCE OF GEOMETRICAL DESIGN ON FRICTION-WELDED AA6061/Ti6Al4V JOINTS FOR WING SPARS OF AIRCRAFT STRUCTURES. Surface Review and Letters, 2022, 29, . | 1.1 | 3 |
| 7 | Analytical Approach for modelling of Heat generation in low-speed friction riveting of polymer/Aluminium joints. Materials Today: Proceedings, 2021, 47, 6835-6835. | 1.8 | 2 |
| 8 | Simulation on graphite to copper joints in nuclear reactor applications by transient liquid phase bonding. Materials Today: Proceedings, 2021, 47, 7095-7098. | 1.8 | 2 |
| 9 | Investigation on friction stud welded AMC/AISI 304 steel joints with ceramic intercoating. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1. | 1.6 | 8 |
| 10 | Low-speed friction riveting: a new method for joining polymer/metal hybrid structures for aerospace applications. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1. | 1.6 | 13 |
| 11 | Numerical analysis of single cylinder engine crankshaft. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 12 | A survey on characterization of natural fibers. AIP Conference Proceedings, 2019, , . | 0.4 | 3 |
| 13 | Joining of AA 6061/Ti-6Al-4V with zinc interlayer using friction welding process. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1. | 1.6 | 11 |
| 14 | Effect of zinc nickel coating on properties of Nitrided AISI 1040 steel. Materials Research Express, 2019, 6, 086547. | 1.6 | 1 |
| 15 | Numerical simulation of friction welding of aluminium/titanium joints. Materials Research Express, 2019, 6, 026573. | 1.6 | 10 |
| 16 | Friction push plug welding in airframe structures using Ti-6Al-4V plug. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1. | 1.6 | 26 |
| 17 | Microstructural and mechanical properties on friction welding of dissimilar metals used in motor vehicles. Materials Research Express, 2018, 5, 026521. | 1.6 | 22 |
| 18 | Effect of rotational speed on Ti-6Al-4V-AA 6061 friction welded joints. Journal of Manufacturing Processes, 2018, 32, 288-297. | 5.9 | 55 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Numerical modeling of friction welding of bi-metal joints for electrical applications. AIP Conference Proceedings, 2018, , . | 0.4 | 7 |
| 20 | Design and development of flapping wing micro air vehicle. AIP Conference Proceedings, 2018, , . | 0.4 | 0 |
| 21 | Simulation of friction welding of alumina and steel with aluminum interlayer. International Journal of Advanced Manufacturing Technology, 2017, 93, 121-127. | 3.0 | 33 |
| 22 | Investigate the influence of bonding temperature in transient liquid phase bonding of SiC and copper. Ceramics International, 2017, 43, 7762-7767. | 4.8 | 30 |
| 23 | Numerical investigation on friction welding of alumina / AA 6063 T6 joints. AIP Conference Proceedings, 2016, , . | 0.4 | 8 |
| 24 | Finite element based simulation on friction stud welding of metal matrix composites to steel. AIP Conference Proceedings, 2016, , . | 0.4 | 10 |
| 25 | Numerical analysis of friction welded titanium joints. Journal of Achievements in Materials and Manufacturing Engineering, 2016, 76, 26-29. | 0.6 | 17 |