

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	Effect of rotational speed on Ti-6Al-4V-AA 6061 friction welded joints. Journal of Manufacturing Processes, 2018, 32, 288-297.	5.9	55
2	Simulation of friction welding of alumina and steel with aluminum interlayer. International Journal of Advanced Manufacturing Technology, 2017, 93, 121-127.	3.0	33
3	Investigate the influence of bonding temperature in transient liquid phase bonding of SiC and copper. Ceramics International, 2017, 43, 7762-7767.	4.8	30
4	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
5	Microstructural and mechanical properties on friction welding of dissimilar metals used in motor vehicles. Materials Research Express, 2018, 5, 026521.	1.6	22
6	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
7	Numerical analysis of friction welded titanium joints. Journal of Achievements in Materials and Manufacturing Engineering, 2016, 76, 26-29.	0.6	17
8	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
9	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
10	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
11	Finite element based simulation on friction stud welding of metal matrix composites to steel. AIP Conference Proceedings, 2016, , .	0.4	10
12	Numerical simulation of friction welding of aluminium/titanium joints. Materials Research Express, 2019, 6, 026573.	1.6	10
13	Numerical investigation on friction welding of alumina / AA 6063 T6 joints. AIP Conference Proceedings, 2016, , .	0.4	8
14	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
15	Numerical modeling of friction welding of bi-metal joints for electrical applications. AIP Conference Proceedings, 2018, , .	0.4	7
16	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
17	Green Corrosion Inhibition on Carbon-Fibre-Reinforced Aluminium Laminate in NaCl Using Aerva Lanata Flower Extract. Polymers, 2022, 14, 1700.	4.5	4
18	A survey on characterization of natural fibers. AIP Conference Proceedings, 2019, , .	0.4	3

#	ARTICLE	IF	CITATIONS
19	INFLUENCE OF GEOMETRICAL DESIGN ON FRICTION-WELDED AA6061/Ti6Al4V JOINTS FOR WING SPARS OF AIRCRAFT STRUCTURES. <i>Surface Review and Letters</i> , 2022, 29, .	1.1	3
20	Analytical Approach for modelling of Heat generation in low-speed friction riveting of polymer/Aluminium joints. <i>Materials Today: Proceedings</i> , 2021, 47, 6835-6835.	1.8	2
21	Simulation on graphite to copper joints in nuclear reactor applications by transient liquid phase bonding. <i>Materials Today: Proceedings</i> , 2021, 47, 7095-7098.	1.8	2
22	Mechanical and microstructural characterization of hybrid fiber metal laminates obtained through sustainable manufacturing. <i>Archives of Civil and Mechanical Engineering</i> , 2022, 22, 1.	3.8	2
23	Effect of zinc nickel coating on properties of Nitrided AISI 1040 steel. <i>Materials Research Express</i> , 2019, 6, 086547.	1.6	1
24	Design and development of flapping wing micro air vehicle. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
25	Numerical analysis of single cylinder engine crankshaft. <i>AIP Conference Proceedings</i> , 2020, , .	0.4	0