

Mohd Fadzil Bin Jamaludin

List of Publications by Year in descending order

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18
papers

385
citations

1040056

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h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on resistance spot welding of magnesium alloys. International Journal of Advanced Manufacturing Technology, 2016, 86, 1805-1825.	3.0	62
2	A review on biomedical implant materials and the effect of friction stir based techniques on their mechanical and tribological properties. Journal of Materials Research and Technology, 2022, 17, 1054-1121.	5.8	61
3	Effect of Surface States on Joining Mechanisms and Mechanical Properties of Aluminum Alloy (A5052) and Polyethylene Terephthalate (PET) by Dissimilar Friction Spot Welding. Metals, 2016, 6, 101.	2.3	55
4	A review on nanomaterials reinforcement in friction stir welding. Journal of Materials Research and Technology, 2020, 9, 16459-16487.	5.8	45
5	Recent research progress in friction stir welding of aluminium and copper dissimilar joint: a review. Journal of Materials Research and Technology, 2021, 15, 2735-2780.	5.8	43
6	Enhancement and verification of a machined surface quality for glass milling operation using CBN grinding tool—Taguchi approach. International Journal of Advanced Manufacturing Technology, 2012, 60, 939-950.	3.0	31
7	Autogenous double-sided T-joint welding on aluminum alloys using low power fiber laser. International Journal of Advanced Manufacturing Technology, 2017, 90, 3497-3505.	3.0	30
8	Investigation of layer thickness effect on the performance of low-cost and commercial fused deposition modelling printers. Materials Research Innovations, 2014, 18, S6-485-S6-489.	2.3	14
9	Effects of Al–Ni powder addition on dissimilar friction stir welding between AA7075–T6 and 304–L. Materialwissenschaft Und Werkstofftechnik, 2020, 51, 1274-1284.	0.9	10
10	A fuzzy logic-based prediction model for fracture force using low-power fiber laser beam welding. International Journal of Advanced Manufacturing Technology, 2017, 91, 3603-3610.	3.0	7
11	Diffuse reflectance spectroscopic analysis of barium sulfate as a reflection standard within 173–2500 nm: From pure to sintered form. Journal of Near Infrared Spectroscopy, 2019, 27, 393-401.	1.5	6
12	Enhancements on Dissimilar Friction Stir Welding Between AZ31 and SPHC Mild Steel With Al–Mg as Powder Additives. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	6
13	Friction stir alloying of AZ61 and mild steel with Al-CNT additive. Science and Technology of Welding and Joining, 2022, 27, 533-540.	3.1	6
14	Influence of BA4047 filler addition through Mamdani fuzzy logic optimization for double-sided T-joint welding of aluminum alloys using low-power fiber laser. International Journal of Advanced Manufacturing Technology, 2017, 93, 2133-2143.	3.0	4
15	Effects of electrolysis on magnetic abrasive finishing of AA6063–T1 tube internal surface using combination machining tool. Materialwissenschaft Und Werkstofftechnik, 2018, 49, 442-452.	0.9	3
16	Pre-forming evaluation of dissimilar aluminium alloys blank fabricated using friction stir welding technique.. IOP Conference Series: Materials Science and Engineering, 2019, 670, 012077.	0.6	2
17	Electrophoretic deposition of bioglass reinforced zirconia for biomedical application. Materialwissenschaft Und Werkstofftechnik, 2021, 52, 952-964.	0.9	0
18	A Derivative Oriented Thresholding Approach for Feature Extraction of Mold Defects on Fine Arts Painting. Proceedings of International Conference on Artificial Life and Robotics, 2022, 27, 958-967.	0.1	0