

Ming Lou

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

320
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of rivet and die on self-piercing rivetability of AA6061-T6 and mild steel CR4 of different gauges. Journal of Materials Processing Technology, 2018, 251, 282-294.	6.3	93
2	Behavior and Quality Evaluation of Electroplastic Self-Piercing Riveting of Aluminum Alloy and Advanced High Strength Steel. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2013, 135, .	2.2	40
3	Effect of Al-Si Coating on Weldability of Press-Hardened Steels. Journal of Materials Engineering and Performance, 2020, 29, 626-636.	2.5	26
4	Improving weldability of Al-Si coated press hardened steel using stepped current pulse schedule. Journal of Manufacturing Processes, 2019, 48, 31-43.	5.9	25
5	Friction stir riveting (FSR) of AA6061-T6 aluminum alloy and DP600 steel. Journal of Materials Processing Technology, 2021, 295, 117156.	6.3	23
6	Joint formation mechanism and performance of resistance rivet welding (RRW) for aluminum alloy and press hardened steel. Journal of Materials Processing Technology, 2020, 286, 116830.	6.3	21
7	Thermally Assisted Self-Piercing Riveting of AA6061-T6 to Ultrahigh Strength Steel. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	19
8	Online Precision Measurement of Weld Indentation in Resistance Spot Welding Using Servo Gun. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 4465-4475.	4.7	17
9	Study on the microstructure and mechanical performance for integrated resistance element welded aluminum alloy/press hardened steel joints. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 800, 140329.	5.6	15
10	Resistance rivet welding of magnesium/steel dissimilar materials. Materials Letters, 2021, 282, 128876.	2.6	12
11	Modeling and experimental validation of friction self-piercing riveted aluminum alloy to magnesium alloy. Welding in the World, Le Soudage Dans Le Monde, 2018, 62, 1195-1206.	2.5	11
12	A Critical Nugget Size Prediction Model for Al-Si-Coated Press Hardened Steel Resistance Spot Welds. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2022, 144, .	2.2	8
13	Effect of surface treatments and storage conditions on resistance spot weldability of aluminum alloy 5182. Journal of Manufacturing Processes, 2020, 58, 30-40.	5.9	7
14	Simulation of laser brazing of sheet panels and parametric studies of thermally-induced distortion reduction. Journal of Manufacturing Processes, 2020, 60, 1-10.	5.9	3