

Ming Lou

List of Publications by Year in descending order

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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	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
2	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
3	Resistance rivet welding of magnesium/steel dissimilar materials. Materials Letters, 2021, 282, 128876.	2.6	12
4	Friction stir riveting (FSR) of AA6061-T6 aluminum alloy and DP600 steel. Journal of Materials Processing Technology, 2021, 295, 117156.	6.3	23
5	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
6	Effect of Al-Si Coating on Weldability of Press-Hardened Steels. Journal of Materials Engineering and Performance, 2020, 29, 626-636.	2.5	26
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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