

Wenshen Tang

List of Publications by Year in descending order

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11
papers

168
citations

1163117

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1281871

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11
docs citations

11
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of friction plug welding to 10 mm thick AA2219-T87 sheet: Weld formation, microstructure and mechanical property. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 654, 21-29.	5.6	44
2	Microstructure and properties of CLAM/316L steel friction stir welded joints. <i>Journal of Materials Processing Technology</i> , 2019, 271, 189-201.	6.3	30
3	Weakening mechanism and tensile fracture behavior of AA 2219-T87 friction plug welds. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 693, 129-135.	5.6	25
4	Effect of friction stir processing on microstructure and work hardening behavior of reduced activation ferritic/martensitic steel. <i>Journal of Manufacturing Processes</i> , 2019, 37, 220-231.	5.9	16
5	Microstructural characteristics and mechanical properties of friction-stir-welded modified 9Cr-1Mo steel. <i>Journal of Materials Science</i> , 2019, 54, 6632-6650.	3.7	13
6	Numerical and experimental investigation on friction stir welding of Ti- and Nb-modified 12 % Cr ferritic stainless steel. <i>Journal of Manufacturing Processes</i> , 2020, 59, 223-237.	5.9	10
7	The influence of post-weld tempering temperatures on microstructure and strength in the stir zone of friction stir welded reduced activation ferritic/martensitic steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021, 814, 141224.	5.6	10
8	Effect of microstructure heterogeneity on the mechanical properties of friction stir welded reduced activation ferritic/martensitic steel. <i>Scripta Materialia</i> , 2022, 207, 114306.	5.2	10
9	Numerical analyses of material flows and thermal processes during friction plug welding for AA2219 aluminum alloy. <i>Journal of Materials Processing Technology</i> , 2020, 278, 116466.	6.3	7
10	Zigzag line defect in friction stir butt-weld of ferritic stainless steel. <i>Materials Letters</i> , 2021, 288, 129361.	2.6	2
11	Characteristics of Friction Plug Joints for AA2219-T87 FSW Welds. <i>Materials</i> , 2022, 15, 1525.	2.9	1