Suo Li

List of Publications by Year
in descending order

16	486	932766 10	940134 16
papers	citations	h-index	g-index

16	16	16	451
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of scan line spacing on pore characteristics and mechanical properties of porous Ti6Al4V implants fabricated by selective laser melting. Materials & Design, 2014, 63, 185-193.	5.1	175
2	Numerical investigation of formation mechanism of welding residual stress in P92 steel multi-pass joints. Journal of Materials Processing Technology, 2017, 244, 240-252.	3.1	69
3	FEM analysis of residual stress induced by repair welding in SUS304 stainless steel pipe butt-welded joint. Journal of Manufacturing Processes, 2020, 58, 975-983.	2.8	38
4	Finite element analysis of residual stress in 2.25Cr-1Mo steel pipe during welding and heat treatment process. Journal of Manufacturing Processes, 2019, 47, 110-118.	2.8	35
5	Simulating welding residual stress and deformation in a multi-pass butt-welded joint considering balance between computing time and prediction accuracy. International Journal of Advanced Manufacturing Technology, 2017, 93, 2215-2226.	1.5	34
6	Controlling angular distortion in high strength low alloy steel thick-plate T-joints. Journal of Materials Processing Technology, 2019, 267, 257-267.	3.1	31
7	Influence of the groove shape on welding residual stresses in P92/SUS304 dissimilar metal butt-welded joints. Journal of Manufacturing Processes, 2021, 66, 376-386.	2.8	31
8	Effects of pass arrangement on angular distortion, residual stresses and lamellar tearing tendency in thick-plate T-joints of low alloy steel. Journal of Materials Processing Technology, 2019, 274, 116293.	3.1	21
9	Predicting Welding Residual Stress of a Multi-pass P92 Steel Butt-Welded Joint with Consideration of Phase Transformation and Tempering Effect. Journal of Materials Engineering and Performance, 2019, 28, 7452-7463.	1.2	14
10	Influences of Dimension Factors on Residual Stress and Welding Distortion in SUS304 Stainless Steel Butt Joint. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2018, 54, 59.	0.7	12
11	A new numerical model to predict welding-induced sensitization in SUS304 austenitic stainless steel joint. Journal of Materials Research and Technology, 2022, 17, 234-243.	2.6	10
12	Effect of indentation depth in impression creep test: conversion relationships and correction functions. Materials at High Temperatures, 2021, 38, 358-367.	0.5	7
13	Indenter misalignment in impression creep test: Uncertainty, correction and recommendation. Journal of Strain Analysis for Engineering Design, 2022, 57, 84-94.	1.0	4
14	Numerical Simulation of Residual Stress and Deformation of SUS310S Stainless Steel Local Vacuum Electron Beam Welded Joint. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2020, 56, 38.	0.7	3
15	Influence of Deposition Sequence and Thickness of Tube on Welding Residual Stress and Deformation in Dissimilar Steel Tube-block Welded Joint. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2019, 55, 46.	0.7	1
16	Influence of Lumped-pass Method on Calculation Accuracy and Efficiency of Welding Residual Stress in SUS304 Stainless Steel Butt Joints. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2019, 55, 72.	0.7	1