

Leilei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

581
citations

840776

11
h-index

839539

18
g-index

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all docs

22
docs citations

22
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation between arc mode, microstructure, and mechanical properties during wire arc additive manufacturing of 316L stainless steel. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 751, 183-190.	5.6	225
2	Forming Process, Microstructure, and Mechanical Properties of Thin-Walled 316L Stainless Steel Using Speed-Cold-Welding Additive Manufacturing. <i>Metals</i> , 2019, 9, 109.	2.3	78
3	A pathway to microstructural refinement through double pulsed gas metal arc welding. <i>Scripta Materialia</i> , 2017, 134, 61-65.	5.2	48
4	Special features of double pulsed gas metal arc welding. <i>Journal of Materials Processing Technology</i> , 2018, 251, 369-375.	6.3	48
5	Effect of Thermal Frequency on AA6061 Aluminum Alloy Double Pulsed Gas Metal Arc Welding. <i>Materials and Manufacturing Processes</i> , 2016, 31, 2152-2157.	4.7	25
6	Perspective on Double Pulsed Gas Metal Arc Welding. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 894.	2.5	23
7	Investigation of laser joining process of CFRTP and aluminum alloy. <i>Materials and Manufacturing Processes</i> , 2020, 35, 1251-1258.	4.7	20
8	Excellent combination of strength and ductility of CoCrNi medium entropy alloy fabricated by laser aided additive manufacturing. <i>Additive Manufacturing</i> , 2020, 34, 101202.	3.0	17
9	Influence of Specific Energy on Microstructure and Properties of Laser Cladded FeCoCrNi High Entropy Alloy. <i>Metals</i> , 2020, 10, 1464.	2.3	15
10	Gaussian Pulsed Current Waveform Welding for Aluminum Alloys. <i>Materials and Manufacturing Processes</i> , 2015, 30, 1124-1130.	4.7	14
11	Methods and results regarding sinusoid modulated pulse gas metal arc welding. <i>International Journal of Advanced Manufacturing Technology</i> , 2016, 86, 1841-1851.	3.0	13
12	Influence of different micro-pattern types on interface characteristic and mechanical property of CFRTP/aluminum alloy laser bonding joint. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 3543-3557.	3.0	12
13	Innovative Methodology and Database for Underwater Robot Repair Welding: A Technical Note. <i>ISIJ International</i> , 2017, 57, 203-205.	1.4	11
14	Numerical and experimental investigations of variable polarity gas tungsten arc welding. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 95, 2421-2428.	3.0	11
15	The tensile properties of 2219 aluminum alloy plate butt joint welded by novel laser mirror welding. <i>Optics and Laser Technology</i> , 2022, 149, 107796.	4.6	8
16	Investigation on thermal inertia of GMAW-P welding on Al alloy. <i>Science and Technology of Welding and Joining</i> , 2015, 20, 106-114.	3.1	5
17	Droplet Transfer Induced Keyhole Fluctuation and Its Influence Regulation on Porosity Rate during Hybrid Laser Arc Welding of Aluminum Alloys. <i>Metals</i> , 2021, 11, 1510.	2.3	5
18	Three-dimensional forming characteristics and mechanical property of additive manufacturing aluminium-copper alloys. <i>Materials Science and Technology</i> , 2022, 38, 1519-1531.	1.6	2

#	ARTICLE	IF	CITATIONS
19	Effect of thermal behavior on the grain morphology and dimension of 80-mm-thick Ti6Al4V plates joined by laser melting deposition. International Journal of Advanced Manufacturing Technology, 2022, 120, 2671-2683.	3.0	1
20	Effect of Current Phase on Tandem Wire Pulsed MIG High-Speed Welding. , 2015, , .		0
21	Optimization of current parameters during variable polarity GMAW of magnesium alloy. Modern Physics Letters B, 2019, 33, 1850429.	1.9	0