

Leilei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

581
citations

840776

11
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839539

18
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22
all docs

22
docs citations

22
times ranked

389
citing authors

#	ARTICLE	IF	CITATIONS
1	The tensile properties of 2219 aluminum alloy plate butt joint welded by novel laser mirror welding. Optics and Laser Technology, 2022, 149, 107796.	4.6	8
2	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
3	Influence of different micro-pattern types on interface characteristic and mechanical property of CFRTP/aluminum alloy laser bonding joint. International Journal of Advanced Manufacturing Technology, 2022, 120, 3543-3557.	3.0	12
4	Three-dimensional forming characteristics and mechanical property of additive manufacturing aluminium-copper alloys. Materials Science and Technology, 2022, 38, 1519-1531.	1.6	2
5	Droplet Transfer Induced Keyhole Fluctuation and Its Influence Regulation on Porosity Rate during Hybrid Laser Arc Welding of Aluminum Alloys. Metals, 2021, 11, 1510.	2.3	5
6	Influence of Specific Energy on Microstructure and Properties of Laser Cladded FeCoCrNi High Entropy Alloy. Metals, 2020, 10, 1464.	2.3	15
7	Excellent combination of strength and ductility of CoCrNi medium entropy alloy fabricated by laser aided additive manufacturing. Additive Manufacturing, 2020, 34, 101202.	3.0	17
8	Investigation of laser joining process of CFRTP and aluminum alloy. Materials and Manufacturing Processes, 2020, 35, 1251-1258.	4.7	20
9	Forming Process, Microstructure, and Mechanical Properties of Thin-Walled 316L Stainless Steel Using Speed-Cold-Welding Additive Manufacturing. Metals, 2019, 9, 109.	2.3	78
10	Correlation between arc mode, microstructure, and mechanical properties during wire arc additive manufacturing of 316L stainless steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 751, 183-190.	5.6	225
11	Optimization of current parameters during variable polarity GMAW of magnesium alloy. Modern Physics Letters B, 2019, 33, 1850429.	1.9	0
12	Numerical and experimental investigations of variable polarity gas tungsten arc welding. International Journal of Advanced Manufacturing Technology, 2018, 95, 2421-2428.	3.0	11
13	Special features of double pulsed gas metal arc welding. Journal of Materials Processing Technology, 2018, 251, 369-375.	6.3	48
14	A pathway to microstructural refinement through double pulsed gas metal arc welding. Scripta Materialia, 2017, 134, 61-65.	5.2	48
15	Perspective on Double Pulsed Gas Metal Arc Welding. Applied Sciences (Switzerland), 2017, 7, 894.	2.5	23
16	Innovative Methodology and Database for Underwater Robot Repair Welding: A Technical Note. ISIJ International, 2017, 57, 203-205.	1.4	11
17	Effect of Thermal Frequency on AA6061 Aluminum Alloy Double Pulsed Gas Metal Arc Welding. Materials and Manufacturing Processes, 2016, 31, 2152-2157.	4.7	25
18	Methods and results regarding sinusoid modulated pulse gas metal arc welding. International Journal of Advanced Manufacturing Technology, 2016, 86, 1841-1851.	3.0	13

#	ARTICLE	IF	CITATIONS
19	Effect of Current Phase on Tandem Wire Pulsed MIG High-Speed Welding. , 2015, , .		0
20	Gaussian Pulsed Current Waveform Welding for Aluminum Alloys. Materials and Manufacturing Processes, 2015, 30, 1124-1130.	4.7	14
21	Investigation on thermal inertia of GMAW-P welding on Al alloy. Science and Technology of Welding and Joining, 2015, 20, 106-114.	3.1	5