

# Jinglong Li

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

586  
citations

687363

13  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimisation of interpass temperature and heat input for wire and arc additive manufacturing 5A06 aluminium alloy. <i>Science and Technology of Welding and Joining</i> , 2017, 22, 472-483.	3.1	87
2	Geometric Limitation and Tensile Properties of Wire and Arc Additive Manufacturing 5A06 Aluminum Alloy Parts. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 621-629.	2.5	79
3	A study of the mechanisms involved in initial friction process of continuous drive friction welding. <i>Journal of Adhesion Science and Technology</i> , 2015, 29, 1246-1257.	2.6	45
4	Diffusion bonding of nickel-based superalloy GH4099 with pure nickel interlayer. <i>Journal of Materials Science</i> , 2019, 54, 6552-6564.	3.7	40
5	Effect of Tool Pin Insertion Depth on Friction Stir Lap Welding of Aluminum to Stainless Steel. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 3005-3013.	2.5	39
6	A prediction model of layer geometrical size in wire and arc additive manufacture using response surface methodology. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 93, 175-186.	3.0	35
7	3D Finite Element Analysis of the Effect of Process Parameters on Linear Friction Welding of Mild Steel. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 4010-4018.	2.5	31
8	Microstructure and mechanical properties in the solid-state diffusion bonding joints of Ni3Al based superalloy. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 772, 138670.	5.6	28
9	Numerical Analysis of Joint Temperature Evolution During Friction Stir Welding Based on Sticking Contact. <i>Journal of Materials Engineering and Performance</i> , 2012, 21, 1849-1856.	2.5	26
10	Effect of rotation speed on friction behavior and radially non-uniform local mechanical properties of AA6061-T6 rotary friction welded joint. <i>Journal of Adhesion Science and Technology</i> , 2018, 32, 1987-2006.	2.6	26
11	Interfacial microstructure evolution and formation process of the joints prepared by diffusion bonding on DD6 nickel-based single crystal superalloy. <i>Journal of Materials Research and Technology</i> , 2020, 9, 16317-16328.	5.8	24
12	Effect of rotation speed on friction behavior of rotary friction welding of AA6061-T6 aluminum alloy. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2018, 62, 923-930.	2.5	22
13	Common Mechanical Properties of Diffusion Bonded Joints and Their Corresponding Microstructure Features. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 3277-3286.	2.5	21
14	Numerical Analysis of Effect of Backplate Diffusivity on the Transient Temperature in Friction Stir Welding. <i>Journal of Materials Engineering and Performance</i> , 2013, 22, 2446-2450.	2.5	13
15	The Fabrication and Properties of the Squeeze-Cast TiN/Al Composites. <i>Materials and Manufacturing Processes</i> , 2016, 31, 1306-1310.	4.7	13
16	Study on the Effect of Energy-Input on the Joint Mechanical Properties of Rotary Friction-Welding. <i>Metals</i> , 2018, 8, 908.	2.3	12
17	Study on microstructure evolution of AISI 304 stainless steel joined by rotary friction welding. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2018, 62, 1187-1193.	2.5	10
18	The corona bond response to normal stress distribution during the process of rotary friction welding. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2018, 62, 913-922.	2.5	9

#	ARTICLE	IF	CITATIONS
19	Effect of welding parameters on microstructure characteristics and fatigue properties of dissimilar joints prepared by linear friction welding on TC11 and TC17 titanium alloys. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2020, 64, 683-695.	2.5	7
20	Effect of welding parameters on high-temperature tensile and fatigue properties of FGH96 inertia friction welded joints. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2019, 63, 1033-1053.	2.5	6
21	Diffusion welding of CoCrNi medium entropy alloy (MEA) and SUS 304 stainless steel at different bonding temperatures. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2021, 65, 2193-2206.	2.5	6
22	Effect of Heat Treatment Temperature on Performance of Plasma-Sprayed Apatite-Lanthanum Silicate Coatings as Electrolytes for IT-SOFC. <i>Journal of Thermal Spray Technology</i> , 2012, 21, 1257-1262.	3.1	3
23	Diffusion Bonding of FGH 98 and CoCrNi-Based Medium-Entropy Alloy: Microstructure Evolution and Mechanical Tests. <i>Crystals</i> , 2021, 11, 1158.	2.2	3
24	Diffusion welding of CoCrNi Medium-entropy alloy (MEA) and SUS 304 stainless steel using different interlayers. <i>Metallurgical Research and Technology</i> , 2022, 119, 312.	0.7	1
25	Kinetic limit for incubation period of primary phase produced by the combination reaction between two solid heterogeneous pure metals. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 2242-2253.	0.9	0
26	Interface Evolution of YG11C/42CrMo Joint Brazed with BCu64MnNi Filler Metal. <i>Powder Metallurgy and Metal Ceramics</i> , 2017, 56, 473-480.	0.8	0