

Kun Liu

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Susceptibility of magnesium alloys to solidification cracking. Science and Technology of Welding and Joining, 2020, 25, 251-257.	3.1	37
2	Microstructure Characteristics of Transient Liquid Phase Diffusion Bonding Super-Ni/NiCr Laminated Composite to TC4 Alloy. Science of Advanced Materials, 2019, 11, 1252-1258.	0.7	0
3	Vacuum diffusion bonding TC4 to Ni80Cr20: Interfacial microstructure, segregation, cracking and properties. Vacuum, 2018, 158, 218-222.	3.5	20
4	Effect of bonding time on interfacial microstructure and shear strength of vacuum diffusion bonding super-Ni/NiCr laminated composite to Ti-6Al-4V joint without interlayer. Vacuum, 2017, 143, 195-198.	3.5	12
5	Microstructural evolution and properties of TLP diffusion bonding super-Ni/NiCr laminated composite to Ti-6Al-4V alloy with Cu interlayer. Materials and Design, 2017, 135, 184-196.	7.0	28
6	In-situ reactive fabrication and effect of phosphorus on microstructure evolution of Ni/NiAl intermetallic composite coating by laser cladding. Materials and Design, 2016, 105, 171-178.	7.0	42
7	Microstructure and Low-Temperature Mechanical Properties of 304 Stainless Steel Joints by PAW+GTAW Combined Welding. Journal of Materials Engineering and Performance, 2016, 25, 4561-4573.	2.5	15
8	Improving the Interfacial Microstructure Evolution of Ti/Stainless Steel GTA Welding Joint by Employing Cu Filler Metal. Materials and Manufacturing Processes, 2016, 31, 2165-2173.	4.7	22
9	Investigation on cored-eutectic structure in Ni60/WC composite coatings fabricated by wide-band laser cladding. Journal of Alloys and Compounds, 2015, 645, 151-157.	5.5	72
10	Effect of high dilution on the in situ synthesis of NiZr/Si(B, C) reinforced composite coating on zirconium alloy substrate by laser cladding. Materials and Design, 2015, 87, 66-74.	7.0	49
11	Homogenization of Carbides in Ni60/WC Composite Coatings Made by Fiber Laser Remelting. Materials and Manufacturing Processes, 2015, 30, 1417-1424.	4.7	22
12	Preparation, microstructural evolution and properties of NiZr intermetallic/ZrSi ceramic reinforced composite coatings on zirconium alloy by laser cladding. Journal of Alloys and Compounds, 2015, 647, 41-49.	5.5	7
13	In-situ synthesized NiZr intermetallic/ceramic reinforced composite coatings on zirconium substrate by high power diode laser. Journal of Alloys and Compounds, 2015, 624, 234-240.	5.5	24
14	Use of Welding+Brazing Technology on Microstructural Development of Titanium/Aluminum Dissimilar Joints. Materials and Manufacturing Processes, 2014, 29, 961-968.	4.7	15
15	Influence of Welding Heat Input on Microstructure of Ti/Al Joint During Pulsed Gas Metal Arc Welding. Materials and Manufacturing Processes, 2014, 29, 954-960.	4.7	15
16	Interfacial Microstructural Characterization of Ti/Al Joints by Gas Tungsten Arc Welding. Materials and Manufacturing Processes, 2014, 29, 969-974.	4.7	16
17	Formation of Brittle Phases During Pulsed Current Gas Tungsten Arc Welding of Titanium to Aluminum Alloys. Journal of Materials Engineering and Performance, 2014, 23, 1451-1457.	2.5	12