

Hongyang Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Welding and Riveting Hybrid Bonding of 6061 Al and Carbon Fiber Reinforced Composites. <i>Polymers</i> , 2022, 14, 99.	4.5	7
2	Welding assisted riveting hybrid bonding technology of Mg and Al. <i>Materials and Manufacturing Processes</i> , 2022, 37, 933-941.	4.7	2
3	The research on laser welding-riveting hybrid bonding of titanium alloy and carbon fiber reinforced composites. <i>Optics and Laser Technology</i> , 2022, 155, 108405.	4.6	1
4	The Analysis on the Formation of Porosity During Pulsed Laser-Induced TIG Hybrid Welding of 6061 Aluminium Alloy at High Welding Speed. <i>International Journal of Precision Engineering and Manufacturing</i> , 2020, 21, 1469-1477.	2.2	9
5	Influence of Welding Speed on Characteristics of Non-Axisymmetric Laser-Tungsten Inert Gas Hybrid Welded Mg/Al Lap Joints with Zn Filler. <i>Materials</i> , 2020, 13, 3789.	2.9	2
6	Research on Laser-TIG Hybrid Welding of 6061-T6 Aluminum Alloys Joint and Post Heat Treatment. <i>Metals</i> , 2020, 10, 130.	2.3	17
7	Investigation of the Joining Technology of FRP/AZ31B Magnesium Alloy by Welding and Riveting Hybrid Bonding Method. <i>Materials</i> , 2019, 12, 2167.	2.9	7
8	Riveting-welding hybrid bonding of high-strength steel and aluminum alloy. <i>Materials and Manufacturing Processes</i> , 2019, 34, 1671-1680.	4.7	13
9	Laser-arc hybrid welding of high-strength steel and aluminum alloy joints with brass filler. <i>Materials and Manufacturing Processes</i> , 2018, 33, 735-742.	4.7	20
10	The analysis of welding and riveting hybrid bonding joint of aluminum alloy and polyether-ether-ketone composites. <i>Journal of Manufacturing Processes</i> , 2018, 36, 301-308.	5.9	19
11	Study on Microstructure and Properties of AZ31/6061 GTAW Butt Joints According to Mg-Cd-Al Ternary System. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 5879-5888.	2.5	5
12	Study on weld formation and its mechanism in laser-TIG hybrid welding with filler wire of a titanium alloy. <i>Journal of Laser Applications</i> , 2018, 30, 032004.	1.7	5
13	Influence of adhesive and Ni on the interface between Mg and Fe in the laser-TIG-adhesive hybrid welding joint. <i>International Journal of Precision Engineering and Manufacturing</i> , 2016, 17, 823-827.	2.2	13
14	Effects of different Ti content in Zn-30Al filler metals on the microstructure and mechanical properties of Mg-Al butt joints. <i>International Journal of Precision Engineering and Manufacturing</i> , 2015, 16, 2321-2326.	2.2	1
15	Effect of addition of Ce in Sn-30Zn solder on the structure and properties of the Mg/Al-brazed joint. <i>Journal of Materials Science</i> , 2013, 48, 2030-2037.	3.7	9
16	Microstructure and Properties Analysis of Laser Welding and Laser Weld Bonding Mg to Al Joints. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2011, 42, 1044-1050.	2.2	26