Ke Han

List of Publications by Year
in descending order

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17	209	1040056 9	1058476 14
papers	citations	h-index	g-index

17	17	17	75
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of cracks in the electron beam welded joint of K465 nickel-base superalloy. Vacuum, 2018, 157, 21-30.	3.5	33
2	Effect of filler metal composition on microstructure and mechanical properties of electron beam welded titanium/copper joint. Journal of Alloys and Compounds, 2019, 776, 357-369.	5.5	24
3	Investigation of microstructure and mechanical performance in IN738LC joint by vacuum electron beam welding. Vacuum, 2019, 162, 214-227.	3.5	23
4	Microstructure and wear behavior of AlCrTiNbMo high-entropy alloy coating prepared by electron beam cladding on Ti600 substrate. Vacuum, 2022, 199, 110928.	3.5	23
5	Effect of heat input on microstructure and mechanical properties of Ti/Cu66V34/Cu joints by electron beam welding. Journal of Manufacturing Processes, 2019, 45, 147-153.	5.9	18
6	Effect of thermal compensation on microstructure and mechanical properties of electron-beam welded joint for high-Nb containing TiAl/Ti600 alloys. Materials and Design, 2017, 131, 273-285.	7.0	16
7	Microstructure of Ti-45Al-8.5Nb-0.2W-0.03Y electron beam welding joints. Journal of Materials Processing Technology, 2017, 250, 401-409.	6.3	14
8	Effect of pre-weld heat treatment on the microstructure and mechanical properties of electron beam welded IN738LC joint. Vacuum, 2019, 168, 108857.	3.5	11
9	Effect of Cu66V34 filler thickness on the microstructure and properties of titanium/copper joint by electron beam welding. Journal of Materials Processing Technology, 2019, 267, 103-113.	6.3	11
10	Interface characteristics and mechanical property of titanium/steel joint by electron beam brazing with 72Ag-28Cu filler metal. Journal of Manufacturing Processes, 2020, 59, 58-67.	5.9	8
11	Microstructural/mechanical characterizations of electron beam welded IN738LC joint after post-weld heat treatment. Journal of Materials Research and Technology, 2022, 17, 1030-1042.	5.8	6
12	Effect of cooling rate on the microporosity in the fusion zone of electron beam welded IN738LC joint. Materials Letters, 2020, 258, 126682.	2.6	5
13	Effect of thermal compensation treatment on the microstructure and mechanical properties of IN738LC joint by electron beam welding. Journal of Manufacturing Processes, 2020, 58, 536-550.	5.9	5
14	Strain-age cracking in vacuum electron beam welded IN738LC alloy during post-weld heat treatment. Vacuum, 2021, 194, 110588.	3.5	5
15	Effect of post-weld solution treatment on microstructure and mechanical properties of electron beam welded IN738LC joint. Journal of Materials Research and Technology, 2021, 15, 3047-3059.	5.8	4
16	Effect of partial and full post-weld heat treatments on microstructure and mechanical properties of IN738LC joint by electron beam welding. Welding in the World, Le Soudage Dans Le Monde, 2022, 66, 1581-1591.	2.5	2
17	Effect of brazing temperature on the interfacial microstructure and mechanical properties of GH3039 joint brazed with electroless Niâ€“P filler metal. Welding in the World, Le Soudage Dans Le Monde, 2021, 65, 2221-2229.	2.5	1