Hyunbin Nam

List of Publications by Year
in descending order

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		932766	940134
16	349	10	16
papers	citations	h-index	g-index

16	16	16	168
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gas tungsten arc weldability of stainless steel 304 using CoCrFeMnNi filler metals for cryogenic applications. Science and Technology of Welding and Joining, 2022, 27, 33-42.	1.5	9
2	Enhancement of tensile properties of gas tungsten arc welds using Cu-coated CoCrFeMnNi filler and postâ€“weld heat treatment. Journal of Materials Research and Technology, 2022, 19, 4857-4866.	2.6	9
3	Enhancement of tensile properties applying phase separation with Cu addition in gas tungsten arc welds of CoCrFeMnNi high entropy alloys. Scripta Materialia, 2022, 220, 114897.	2.6	13
4	Growth Behavior of Intermetallic Compounds in Various Solder Joints Induced by Electromigration. Journal of Welding and Joining, 2021, 39, 89-102.	0.6	11
5	Microstructural aspects of hydrogen stress cracking in seawater for low carbon steel welds produced by flux-cored arc welding. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 820, 141568.	2.6	14
6	Comprehensive Analysis of Cold-Cracking Ratio for Flux-Cored Arc Steel Welds Using Y- and y-Grooves. Materials, 2021, 14, 5349.	1.3	3
7	Effect of Grain Size on Carburization Characteristics of the High-Entropy Equiatomic CoCrFeMnNi Alloy. Materials, 2021, 14, 7199.	1.3	5
8	Tensile and Microstructural Characteristics of Fe-24Mn Steel Welds for Cryogenic Applications. Metals and Materials International, 2020, 26, 240-247.	1.8	29
9	Effect of Initial Grain Size on Friction Stir Weldability for Rolled and Cast CoCrFeMnNi High-Entropy Alloys. Metals and Materials International, 2020, 26, 641-649.	1.8	30
10	Laser dissimilar weldability of cast and rolled CoCrFeMnNi high-entropy alloys for cryogenic applications. Science and Technology of Welding and Joining, 2020, 25, 127-134.	1.5	37
11	Weldability of cast CoCrFeMnNi high-entropy alloys using various filler metals for cryogenic applications. Journal of Alloys and Compounds, 2020, 819, 153278.	2.8	29
12	GTA Weldability of Rolled High-Entropy Alloys Using Various Filler Metals. Metals, 2020, 10, 1371.	1.0	5
13	Superior-tensile property of CoCrFeMnNi alloys achieved using friction-stir welding for cryogenic applications. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 788, 139547.	2.6	24
14	Tensile and Microstructural Behaviors of Austenitic Stainless Steel GTA Welds for Cryogenic Application. Journal of Welding and Joining, 2020, 38, 400-408.	0.6	15
15	Laser weldability of cast and rolled high-entropy alloys for cryogenic applications. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2019, 742, 224-230.	2.6	59
16	Effect of post weld heat treatment on weldability of high entropy alloy welds. Science and Technology of Welding and Joining, 2018, 23, 420-427.	1.5	57