

Hyunbin Nam

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

349
citations

933264

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940416

16
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16
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16
docs citations

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times ranked

168
citing authors

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