

Chaoqun Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

906
citations

759233

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g-index

20
all docs

20
docs citations

20
times ranked

696
citing authors

#	ARTICLE	IF	CITATIONS
1	Wire Arc Additive Manufacturing of Stainless Steels: A Review. Applied Sciences (Switzerland), 2020, 10, 1563.	2.5	174
2	A Review on Laser Powder Bed Fusion of Inconel 625 Nickel-Based Alloy. Applied Sciences (Switzerland), 2020, 10, 81.	2.5	110
3	Dissimilar ultrasonic spot welding of aerospace aluminum alloy AA2139 to titanium alloy TiAl6V4. Journal of Materials Processing Technology, 2016, 231, 382-388.	6.3	90
4	Additive manufacturing of WC-Co hardmetals: a review. International Journal of Advanced Manufacturing Technology, 2020, 108, 1653-1673.	3.0	87
5	Laser Powder Bed Fusion of Precipitation-Hardened Martensitic Stainless Steels: A Review. Metals, 2020, 10, 255.	2.3	84
6	Microstructural characterization and mechanical properties of high power ultrasonic spot welded aluminum alloy AA6111-TiAl6V4 dissimilar joints. Materials Characterization, 2014, 97, 83-91.	4.4	70
7	Corrosion Behaviors of Selective Laser Melted Aluminum Alloys: A Review. Metals, 2020, 10, 102.	2.3	47
8	Interfacial Segregation of Alloying Elements During Dissimilar Ultrasonic Welding of AA6111 Aluminum and Ti6Al4V Titanium. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 5143-5152.	2.2	46
9	Weld Defect Detection Based on Deep Learning Method. , 2019, , .		45
10	Friction Stir Spot Welding of Aluminum and Copper: A Review. Materials, 2020, 13, 156.	2.9	38
11	Effect of Al-Si Coating on Weldability of Press-Hardened Steels. Journal of Materials Engineering and Performance, 2020, 29, 626-636.	2.5	26
12	Abnormal effect of temperature on intermetallic compound layer growth at aluminum-titanium interface: The role of grain boundary diffusion. Materials Letters, 2019, 254, 1-4.	2.6	20
13	Joining mechanism and mechanical properties of metallic bump assisted weld-bonded (MBaWB) joints of AA6061-T6 and bare DP590. Journal of Manufacturing Processes, 2020, 50, 204-215.	5.9	17
14	Non-parabolic Al ₃ Ti intermetallic layer growth on aluminum-titanium interface at low annealing temperatures. Materials Letters, 2019, 256, 126624.	2.6	16
15	Joining Lithium-Ion Battery Tabs Using Solder-Reinforced Adhesive. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	12
16	Process variables influencing solder reinforced adhesive (SRA) performance. Journal of Manufacturing Processes, 2018, 31, 440-452.	5.9	8
17	Active Slip Mode Analysis of an Additively Manufactured Ti-6Al-4V Alloy via In-Grain Misorientation Axis Distribution. Metals, 2022, 12, 532.	2.3	5
18	Controlling Interfacial Reaction during Dissimilar Metal Welding of Aluminium Alloys. Materials Science Forum, 0, 794-796, 416-421.	0.3	4

#	ARTICLE	IF	CITATIONS
19	Microstructure and Electrochemical Behavior of a 3D-Printed Ti-6Al-4V Alloy. <i>Materials</i> , 2022, 15, 4473.	2.9	4
20	Effect of particle size on coal charâ€™NO reaction. <i>Frontiers in Energy</i> , 2011, 5, 221-228.	2.3	3