Dongting Wu

List of Publications by Year
in descending order

20	255	933447 10	940533 16
papers	citations	h-index	g-index

20	20	20	77
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microstructure and corrosion resistance of stainless steel produced by bypass coupling twin-wire indirect arc additive manufacturing. International Journal of Advanced Manufacturing Technology, 2022, 119, 2159-2172.	3.0	3
2	Effect of retrogression reâ€aging treatment on the stress corrosion behavior of the 7075 Alâ€“Znâ€“Mgâ€“Cu alloy. Materials and Corrosion - Werkstoffe Und Korrosion, 2022, 73, 1074-1084.	1.5	6
3	Effect of arc voltage on process stability of bypass-coupling twin-wire indirect arc welding. International Journal of Modern Physics B, 2022, 36, .	2.0	1
4	Performances of loop heat pipe with the novel bi-porous quaternary MAX phase Ti3(Al,Si)C2 capillary wick. Vacuum, 2022, 202, 111185.	3.5	7
5	Characteristics of bypass coupling twin-wire indirect arc welding with high-speed welding mode. Journal of Materials Processing Technology, 2021, 291, 116995.	6.3	15
6	Corrosion resistance and high temperature wear behavior of carbide-enhanced austenite-based surfacing layer prepared by twin-wire indirect arc welding. Materials Research Express, 2021, 8, 016529.	1.6	5
7	Synthesis and corrosion resistance of solid solution Ti3(Al1â^'xSix)C2. Journal of Alloys and Compounds, 2021, 867, 159126.	5.5	16
8	Pulsed laser remelting supersonic plasma sprayed Cr3C2-NiCr coatings for regulating microstructure, hardness and corrosion properties. Surface and Coatings Technology, 2021, 418, 127258.	4.8	25
9	Stress corrosion behavior of friction stir welding joint of 7N01 aluminum alloy. Journal of Materials Research and Technology, 2021, 15, 1130-1144.	5.8	10
10	Effects of pore structure characteristics on performance of sintered bi-porous Ti₃AlC₂ wicks. Materials Research Express, 2021, 8, 015602.	1.6	3
11	Fabrication and capillary performance of bi-porous Ti3AlC2 wicks with controllable pore size proportion using dissolvable pore formers. Journal of Materials Research and Technology, 2021, 15, 4370-4380.	5.8	7
12	Effect of bypass coupling current on corrosion resistance of twin-wire indirect arc surfacing layer. Corrosion Science, 2020, 174, 108817.	6.6	11
13	Effect of laser remelting on the microstructure and corrosion property of the arc-sprayed AlFeNbNi coatings. Surface and Coatings Technology, 2020, 398, 126099.	4.8	17
14	A Study on Fatigue Crack Propagation for Friction Stir Welded Plate of 7N01 Al-Zn-Mg Alloy by EBSD. Materials, 2020, 13, 330.	2.9	13
15	Corrosion resistance of stainless steel layer prepared by twin-wire indirect arc surfacing welding. Vacuum, 2020, 177, 109348.	3.5	15
16	Effect of retrogression re-aging treatment on corrosion behavior of 7055 Al-Zn-Mg alloy. Materials Research Express, 2020, 7, 106523.	1.6	6
17	Influence of external magnetic field on twin-wire indirect arc surfacing stainless steel layer. Vacuum, 2019, 169, 108958.	3.5	13
18	Effect of bypass coupling on droplet transfer in twin-wire indirect arc welding. Journal of Materials Processing Technology, 2018, 262, 123-130.	6.3	37

#	Article	IF	Citations
19	Twin-wire indirect arc welding by modeling and experiment. Journal of Materials Processing Technology, 2014, 214, 2292-2299.	6.3	45
20	Correlation between microstructure and corrosion resistance of amorphous Niâ€“Wâ€“P coatings after low-temperature heat treatment. International Journal of Modern Physics B, 0, , .	2.0	0