

# Dongting Wu

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

255  
citations

933447

10  
h-index

940533

16  
g-index

20  
all docs

20  
docs citations

20  
times ranked

77  
citing authors

#	ARTICLE	IF	CITATIONS
1	Twin-wire indirect arc welding by modeling and experiment. Journal of Materials Processing Technology, 2014, 214, 2292-2299.	6.3	45
2	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
3	Pulsed laser remelting supersonic plasma sprayed Cr <sub>3</sub> C <sub>2</sub> -NiCr coatings for regulating microstructure, hardness and corrosion properties. Surface and Coatings Technology, 2021, 418, 127258.	4.8	25
4	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
5	Synthesis and corrosion resistance of solid solution Ti <sub>3</sub> (Al <sub>1-x</sub> Si <sub>x</sub> )C <sub>2</sub> . Journal of Alloys and Compounds, 2021, 867, 159126.	5.5	16
6	Corrosion resistance of stainless steel layer prepared by twin-wire indirect arc surfacing welding. Vacuum, 2020, 177, 109348.	3.5	15
7	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
8	Influence of external magnetic field on twin-wire indirect arc surfacing stainless steel layer. Vacuum, 2019, 169, 108958.	3.5	13
9	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
10	Effect of bypass coupling current on corrosion resistance of twin-wire indirect arc surfacing layer. Corrosion Science, 2020, 174, 108817.	6.6	11
11	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
12	Fabrication and capillary performance of bi-porous Ti <sub>3</sub> AlC <sub>2</sub> wicks with controllable pore size proportion using dissolvable pore formers. Journal of Materials Research and Technology, 2021, 15, 4370-4380.	5.8	7
13	Performances of loop heat pipe with the novel bi-porous quaternary MAX phase Ti <sub>3</sub> (Al,Si)C <sub>2</sub> capillary wick. Vacuum, 2022, 202, 111185.	3.5	7
14	Effect of retrogression re-aging treatment on corrosion behavior of 7055 Al-Zn-Mg alloy. Materials Research Express, 2020, 7, 106523.	1.6	6
15	Effect of retrogression re-aging treatment on the stress corrosion behavior of the 7075 Al-Zn-Mg-Cu alloy. Materials and Corrosion - Werkstoffe Und Korrosion, 2022, 73, 1074-1084.	1.5	6
16	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
17	Effects of pore structure characteristics on performance of sintered bi-porous Ti <sub>3</sub> AlC <sub>2</sub> wicks. Materials Research Express, 2021, 8, 015602.	1.6	3
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	Correlation between microstructure and corrosion resistance of amorphous Ni-W-P coatings after low-temperature heat treatment. International Journal of Modern Physics B, 0, , .	2.0	0