Jiaqiao Zhang

List of Publications by Year
in descending order

		1170033	1113639
29 papers	249 citations	9 h-index	15 g-index
29 all docs	29 docs citations	29 times ranked	156 citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Defect Classification of Steel Strip with Few Samples Based on Dual‐Stream Neural Network. Steel Research International, 2022, 93, 2100554.	1.0	11
2	Experimental study on longitudinal vibration of mine hosting rope subjected to disturbance excitations by ADAMS. Advances in Mechanical Engineering, 2022, 14, 168781322210768.	0.8	1
3	Research on the Morphology Reconstruction of Deep Cryogenic Treatment on PtRu/nitrogen-Doped Graphene Composite Carbon Nanofibers. Materials, 2022, 15, 908.	1.3	0
4	The Influence of Temperature on the Capacity of Lithium Ion Batteries with Different Anodes. Energies, 2022, 15, 60.	1.6	21
5	Lung detection and severity prediction of pneumonia patients based on COVID-19 DET-PRE network. Expert Review of Medical Devices, 2022, 19, 97-106.	1.4	2
6	Effect of Different Hot-Pressing Pressure and Temperature on the Performance of Titanium Mesh-Based MEA for DMFC. Membranes, 2022, 12, 431.	1.4	6
7	Preparation of Aluminum Dross Non-Fired Bricks with High Nitrogen Concentration and Optimization of Process Parameters. Applied Sciences (Switzerland), 2022, 12, 6133.	1.3	2
8	Effects of Sodium Carbonate and Calcium Oxide on Roasting Denitrification of Recycled Aluminum Dross with High Nitrogen Content. Coatings, 2022, 12, 922.	1.2	1
9	Surface defect detection of steel strips based on classification priority YOLOv3-dense network. Ironmaking and Steelmaking, 2021, 48, 547-558.	1.1	46
10	Optimization of AlSi10MgMn Alloy Heat Treatment Process Based on Orthogonal Test and Grey Relational Analysis. Crystals, 2021, 11, 385.	1.0	8
11	Preparation of Sintered Brick with Aluminum Dross and Optimization of Process Parameters. Coatings, 2021, 11, 1039.	1.2	9
12	Microwave Absorption Performance of Single-Layer and Multi-Layer Structures Prepared by CNTs/Fe3O4 Nonwoven Materials. Crystals, 2021, 11, 1000.	1.0	9
13	Preparation and Characterization of PU/PET Matrix Gradient Composites with Microwave-Absorbing Function. Coatings, 2021, 11, 982.	1.2	9
14	Thermal Defect Detection for Substation Equipment Based on Infrared Image Using Convolutional Neural Network. Electronics (Switzerland), 2021, 10, 1986.	1.8	10
15	Design of Gerotor Pump and Influence on Oil Supply System for Hybrid Transmission. Energies, 2021, 14, 5649.	1.6	3
16	Microstructure and Properties of Polytetrafluoroethylene Composites Modified by Carbon Materials and Aramid Fibers. Coatings, 2020, 10, 1103.	1.2	18
17	Coating Process Parameters and Structural Properties of the Tubular Electrodes of Fuel Cells Based on a Self-Made Coating Device. Coatings, 2020, 10, 830.	1.2	3
18	Performance Optimization of Original Aluminum Ash Coating. Coatings, 2020, 10, 831.	1.2	6

#	Article	IF	Citations
19	Effects of Modified Anodes on the Performance and Microbial Community of Microbial Fuel Cells Using Swine Wastewater. Energies, 2020, 13, 3980.	1.6	13
20	Study on the Coupling Relationship of Low Temperature Fluidity and Oxidation Stability of Biodiesel. Applied Sciences (Switzerland), 2020, 10, 1757.	1.3	11
21	Effects of Concentration Variations on the Performance and Microbial Community in Microbial Fuel Cell Using Swine Wastewater. Energies, 2020, 13, 2231.	1.6	27
22	Research on Information Recognition of VAT Invoice Based on Computer Vision. , 2019, , .		4
23	Preparation and Performance Optimization of Original Aluminum Ash Coating Based on Plasma Spraying. Coatings, 2019, 9, 770.	1.2	12
24	Study on Preparation of Aluminum Ash Coating Based on Plasma Spray. Applied Sciences (Switzerland), 2019, 9, 4980.	1.3	8
25	Design on the Winter Jujubes Harvesting and Sorting Device. Applied Sciences (Switzerland), 2019, 9, 5546.	1.3	7
26	Design and Study on a Self-Controlled Walking Car. , 2018, , .		2
27	Simulation on the Performance of Ceramic-Lined Steel Pipe Prepared by SHS Process Based on Artificial Neural Network. , 2012, , .		0
28	Improvements of elevated temperature strength and creep resistance of Mg-12Zn-4Al based alloy with calcium addition. Journal of Shanghai Jiaotong University (Science), 2012, 17, 273-276.	0.5	0
29	Study of 1[#] direct methanol fuel cells for commercial market applications. , 2011, , .		0