

Jiaqiao Zhang

List of Publications by Year in descending order

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29
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29
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139
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface defect detection of steel strips based on classification priority YOLOv3-dense network. Ironmaking and Steelmaking, 2021, 48, 547-558.	2.1	46
2	Effects of Concentration Variations on the Performance and Microbial Community in Microbial Fuel Cell Using Swine Wastewater. Energies, 2020, 13, 2231.	3.1	27
3	The Influence of Temperature on the Capacity of Lithium Ion Batteries with Different Anodes. Energies, 2022, 15, 60.	3.1	21
4	Microstructure and Properties of Polytetrafluoroethylene Composites Modified by Carbon Materials and Aramid Fibers. Coatings, 2020, 10, 1103.	2.6	18
5	Effects of Modified Anodes on the Performance and Microbial Community of Microbial Fuel Cells Using Swine Wastewater. Energies, 2020, 13, 3980.	3.1	13
6	Preparation and Performance Optimization of Original Aluminum Ash Coating Based on Plasma Spraying. Coatings, 2019, 9, 770.	2.6	12
7	Study on the Coupling Relationship of Low Temperature Fluidity and Oxidation Stability of Biodiesel. Applied Sciences (Switzerland), 2020, 10, 1757.	2.5	11
8	Surface Defect Classification of Steel Strip with Few Samples Based on Dual-Stream Neural Network. Steel Research International, 2022, 93, 2100554.	1.8	11
9	Thermal Defect Detection for Substation Equipment Based on Infrared Image Using Convolutional Neural Network. Electronics (Switzerland), 2021, 10, 1986.	3.1	10
10	Preparation of Sintered Brick with Aluminum Dross and Optimization of Process Parameters. Coatings, 2021, 11, 1039.	2.6	9
11	Microwave Absorption Performance of Single-Layer and Multi-Layer Structures Prepared by CNTs/Fe ₃ O ₄ Nonwoven Materials. Crystals, 2021, 11, 1000.	2.2	9
12	Preparation and Characterization of PU/PET Matrix Gradient Composites with Microwave-Absorbing Function. Coatings, 2021, 11, 982.	2.6	9
13	Study on Preparation of Aluminum Ash Coating Based on Plasma Spray. Applied Sciences (Switzerland), 2019, 9, 4980.	2.5	8
14	Optimization of AlSi10MgMn Alloy Heat Treatment Process Based on Orthogonal Test and Grey Relational Analysis. Crystals, 2021, 11, 385.	2.2	8
15	Design on the Winter Jujubes Harvesting and Sorting Device. Applied Sciences (Switzerland), 2019, 9, 5546.	2.5	7
16	Performance Optimization of Original Aluminum Ash Coating. Coatings, 2020, 10, 831.	2.6	6
17	Effect of Different Hot-Pressing Pressure and Temperature on the Performance of Titanium Mesh-Based MEA for DMFC. Membranes, 2022, 12, 431.	3.0	6
18	Research on Information Recognition of VAT Invoice Based on Computer Vision. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
19	Coating Process Parameters and Structural Properties of the Tubular Electrodes of Fuel Cells Based on a Self-Made Coating Device. <i>Coatings</i> , 2020, 10, 830.	2.6	3
20	Design of Gerotor Pump and Influence on Oil Supply System for Hybrid Transmission. <i>Energies</i> , 2021, 14, 5649.	3.1	3
21	Design and Study on a Self-Controlled Walking Car. , 2018, , .		2
22	Lung detection and severity prediction of pneumonia patients based on COVID-19 DET-PRE network. <i>Expert Review of Medical Devices</i> , 2022, 19, 97-106.	2.8	2
23	Preparation of Aluminum Dross Non-Fired Bricks with High Nitrogen Concentration and Optimization of Process Parameters. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6133.	2.5	2
24	Experimental study on longitudinal vibration of mine hosting rope subjected to disturbance excitations by ADAMS. <i>Advances in Mechanical Engineering</i> , 2022, 14, 168781322210768.	1.6	1
25	Effects of Sodium Carbonate and Calcium Oxide on Roasting Denitrification of Recycled Aluminum Dross with High Nitrogen Content. <i>Coatings</i> , 2022, 12, 922.	2.6	1
26	Study of 1 st direct methanol fuel cells for commercial market applications. , 2011, , .		0
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. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2012, 17, 273-276.	0.9	0
29	Research on the Morphology Reconstruction of Deep Cryogenic Treatment on PtRu/nitrogen-Doped Graphene Composite Carbon Nanofibers. <i>Materials</i> , 2022, 15, 908.	2.9	0