

Jing Zheng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

2,478
citations

17
h-index

31
g-index

31
ext. papers

3,357
ext. citations

11.2
avg, IF

5.6
L-index

#	Paper	IF	Citations
30	Balance of N-Doping Engineering and Carbon Chemistry to Expose Edge Graphitic N Sites for Enhanced Oxygen Reduction Electrocatalysis.. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 61129-61138	9.5	2
29	In Situ Activation/Dedoping-Induced Defective Carbon Sponge for Enhanced Oxygen Reduction Electrocatalysis. <i>ChemElectroChem</i> , 2021 , 8, 4781	4.3	
28	Carbon fibers embedded with FeIII-MOF-5-derived composites for enhanced microwave absorption. <i>Carbon</i> , 2021 , 174, 509-517	10.4	70
27	Enhanced microwave absorption properties of flake-shaped FeCo/BaFe ₁₂ O ₁₉ composites. <i>Ceramics International</i> , 2021 , 47, 12389-12396	5.1	6
26	Enhanced Microwave Absorbing Ability of Carbon Fibers with Embedded FeCo/CoFeO Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 36182-36189	9.5	17
25	Heterostructure design of Fe ₃ N alloy/porous carbon nanosheet composites for efficient microwave attenuation. <i>Journal of Materials Science and Technology</i> , 2021 , 67, 265-272	9.1	75
24	Modulating dielectric loss of mesoporous carbon fibers with radar cross section reduction performance via computer simulation technology. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 758-765	6.8	11
23	Carbon fibers@Co-ZIFs derivations composites as highly efficient electromagnetic wave absorbers. <i>Journal of Materials Science and Technology</i> , 2021 , 94, 239-246	9.1	12
22	The enhanced microwave broadband absorbing ability of carbon microspheres via electromagnetic simulating honeycomb design. <i>Journal of Materials Science: Materials in Electronics</i> , 2020 , 1	2.1	4
21	Atomic-Scale Dispersed Fe-Based Catalysts Confined on Nitrogen-Doped Graphene for Li-S Batteries: Polysulfides with Enhanced Conversion Efficiency. <i>Chemistry - A European Journal</i> , 2020 , 26, 10314-10320	4.8	9
20	Excellent lightweight carbon-based microwave absorbers derived from metal-organic frameworks with tunable electromagnetic properties. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 1667-1675	6.8	16
19	Environment-Stable CoNi Encapsulation in Stacked Porous Carbon Nanosheets for Enhanced Microwave Absorption. <i>Nano-Micro Letters</i> , 2020 , 12, 102	19.5	144
18	Optimal Configuration of N-Doped Carbon Defects in 2D Turbostratic Carbon Nanomesh for Advanced Oxygen Reduction Electrocatalysis. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11999-12008	16.4	55
17	The origin of the two-plateaued or one-plateaued open circuit voltage in LiB batteries. <i>Nano Energy</i> , 2020 , 75, 104915	17.1	10
16	Sustainable wood-based composites for microwave absorption and electromagnetic interference shielding. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 24267-24283	13	58
15	Optimal Configuration of N-Doped Carbon Defects in 2D Turbostratic Carbon Nanomesh for Advanced Oxygen Reduction Electrocatalysis. <i>Angewandte Chemie</i> , 2020 , 132, 12097-12104	3.6	2
14	Extremely stable antimony-carbon composite anodes for potassium-ion batteries. <i>Energy and Environmental Science</i> , 2019 , 12, 615-623	35.4	268

13	High-Fluorinated Electrolytes for LiB Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1803774	21.8	144
12	An Organic Anode for High Temperature Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1802986	21.8	98
11	Highly Fluorinated Interphases Enable High-Voltage Li-Metal Batteries. <i>CheM</i> , 2018 , 4, 174-185	16.2	435
10	Non-flammable electrolyte enables Li-metal batteries with aggressive cathode chemistries. <i>Nature Nanotechnology</i> , 2018 , 13, 715-722	28.7	606
9	Manipulating electrolyte and solid electrolyte interphase to enable safe and efficient Li-S batteries. <i>Nano Energy</i> , 2018 , 50, 431-440	17.1	84
8	Hydrogenated Anatase TiO ₂ as Lithium-Ion Battery Anode: Size-Reactivity Correlation. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 20074-81	9.5	46
7	Hydrogenated Oxygen-Deficient Blue Anatase as Anode for High-Performance Lithium Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 23431-8	9.5	55
6	Photocatalytic conversion of CO ₂ into value-added hydrocarbon (methanol) with high selectivity over ZnS nanoparticles driven by 355-nm pulsed laser. <i>Research on Chemical Intermediates</i> , 2015 , 41, 739-747	2.8	16
5	Facile Aluminum Reduction Synthesis of Blue TiO ₂ with Oxygen Deficiency for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2015 , 21, 18309-15	4.8	32
4	Enhanced microwave electromagnetic properties of Fe ₃ O ₄ /graphene nanosheet composites. <i>Journal of Alloys and Compounds</i> , 2014 , 589, 174-181	5.7	115
3	Reduction synthesis of Fe _x O _y @SiO ₂ core-shell nanostructure with enhanced microwave-absorption properties. <i>Journal of Alloys and Compounds</i> , 2014 , 602, 8-15	5.7	39
2	A Novel Strategy in Electromagnetic Wave Absorbing and Shielding Materials Design: Multi-Responsive Field Effect. <i>Small Science</i> , 2100077		36
1	Edge reconfiguration of N, P-codoped carbon boosts oxygen reduction electrocatalysis. <i>Journal of Materials Science</i> , 1	4.3	0