

Jing Zheng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8694858/jing-zheng-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Non-flammable electrolyte enables Li-metal batteries with aggressive cathode chemistries. <i>Nature Nanotechnology</i> , 2018 , 13, 715-722	28.7	606
29	Highly Fluorinated Interphases Enable High-Voltage Li-Metal Batteries. <i>CheM</i> , 2018 , 4, 174-185	16.2	435
28	Extremely stable antimony-carbon composite anodes for potassium-ion batteries. <i>Energy and Environmental Science</i> , 2019 , 12, 615-623	35.4	268
27	Environment-Stable CoNi Encapsulation in Stacked Porous Carbon Nanosheets for Enhanced Microwave Absorption. <i>Nano-Micro Letters</i> , 2020 , 12, 102	19.5	144
26	High-Fluorinated Electrolytes for LiS Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1803774	21.8	144
25	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
24	An Organic Anode for High Temperature Potassium-Ion Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1802986	21.8	98
23	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
22	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
21	Carbon fibers embedded with FeIII-MOF-5-derived composites for enhanced microwave absorption. <i>Carbon</i> , 2021 , 174, 509-517	10.4	70
20	Sustainable wood-based composites for microwave absorption and electromagnetic interference shielding. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 24267-24283	13	58
19	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
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	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
16	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
15	A Novel Strategy in Electromagnetic Wave Absorbing and Shielding Materials Design: Multi-Responsive Field Effect. <i>Small Science</i> , 2100077		36
14	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

13	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
12	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
11	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
10	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
9	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
8	The origin of the two-plateaued or one-plateaued open circuit voltage in LiS batteries. <i>Nano Energy</i> , 2020 , 75, 104915	17.1	10
7	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
6	Enhanced microwave absorption properties of flake-shaped FeCo/BaFe ₁₂ O ₁₉ composites. <i>Ceramics International</i> , 2021 , 47, 12389-12396	5.1	6
5	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
4	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
3	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
2	Edge reconfiguration of N, P-codoped carbon boosts oxygen reduction electrocatalysis. <i>Journal of Materials Science</i> , 1	4.3	0
1	In Situ Activation/Dedoping-Induced Defective Carbon Sponge for Enhanced Oxygen Reduction Electrocatalysis. <i>ChemElectroChem</i> , 2021 , 8, 4781	4.3	