

Lingxing Zeng

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8407559/lingxing-zeng-publications-by-citations.pdf>

Version: 2024-04-23

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.

74
papers

2,366
citations

31
h-index

47
g-index

79
ext. papers

2,950
ext. citations

7.4
avg, IF

5.35
L-index

#	Paper	IF	Citations
74	MoO ₂ -ordered mesoporous carbon nanocomposite as an anode material for lithium-ion batteries. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 2182-7	9.5	130
73	Simultaneous voltammetric determination of nitrophenol isomers at ordered mesoporous carbon modified electrode. <i>Electrochimica Acta</i> , 2013 , 106, 127-134	6.7	116
72	Ordered mesoporous TiO ₂ /C nanocomposite as an anode material for long-term performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 4293	13	105
71	Rational design of few-layer MoSe confined within ZnSe-C hollow porous spheres for high-performance lithium-ion and sodium-ion batteries. <i>Nanoscale</i> , 2019 , 11, 6766-6775	7.7	92
70	A V ₂ O ₅ -ordered mesoporous carbon composite with novel peroxidase-like activity towards the glucose colorimetric assay. <i>Nanoscale</i> , 2015 , 7, 11678-85	7.7	86
69	Magnetic mesoporous organic-inorganic NiCo ₂ O ₄ hybrid nanomaterials for electrochemical immunosensors. <i>ACS Applied Materials & Interfaces</i> , 2011 , 3, 1366-73	9.5	85
68	In situ synthesis of GeO ₂ /reduced graphene oxide composite on Ni foam substrate as a binder-free anode for high-capacity lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 1619-1623	13	80
67	Composites of V ₂ O ₅ -ordered mesoporous carbon as anode materials for lithium-ion batteries. <i>Carbon</i> , 2013 , 62, 382-388	10.4	79
66	Ge/GeO ₂ -Ordered Mesoporous Carbon Nanocomposite for Rechargeable Lithium-Ion Batteries with a Long-Term Cycling Performance. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 232-9	9.5	78
65	Prussian blue analogues Mn[Fe(CN) ₆] _{0.6667} ·nH ₂ O cubes as an anode material for lithium-ion batteries. <i>Dalton Transactions</i> , 2015 , 44, 16746-51	4.3	72
64	Rock salt type NiCo ₂ O ₃ supported on ordered mesoporous carbon as a highly efficient electrocatalyst for oxygen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2019 , 256, 117852	21.8	67
63	ZnV ₂ O ₄ /CMK nanocomposite as an anode material for rechargeable lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14284		62
62	Facile synthesis of magnetic hierarchical flower-like CoO spheres: Mechanism, excellent tetra-enzyme mimics and their colorimetric biosensing applications. <i>Biosensors and Bioelectronics</i> , 2020 , 165, 112342	11.8	58
61	Sensitive electrochemical microbial biosensor for p-nitrophenylorganophosphates based on electrode modified with cell surface-displayed organophosphorus hydrolase and ordered mesopore carbons. <i>Biosensors and Bioelectronics</i> , 2014 , 60, 137-42	11.8	56
60	Green synthesis of a Se/HPCF/GO composite for LiSe batteries with excellent long-term cycling performance. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 22997-23005	13	55
59	Green tide biomass templated synthesis of molybdenum oxide nanorods supported on carbon as efficient nanozyme for sensitive glucose colorimetric assay. <i>Sensors and Actuators B: Chemical</i> , 2019 , 296, 126517	8.5	53
58	Preparation of a Si/SiO ₂ -Ordered-Mesoporous-Carbon Nanocomposite as an Anode for High-Performance Lithium-Ion and Sodium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2018 , 24, 4841-4848	4.8	53

57	An Sn doped 1T-2H MoS few-layer structure embedded in N/P co-doped bio-carbon for high performance sodium-ion batteries. <i>Chemical Communications</i> , 2019 , 55, 3614-3617	5.8	50
56	An in situ formed Se/CMK-3 composite for rechargeable lithium-ion batteries with long-term cycling performance. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 13646-13651	13	46
55	Synthesis of hierarchical ZnV ₂ O ₄ microspheres and its electrochemical properties. <i>CrystEngComm</i> , 2014 , 16, 10309-10313	3.3	45
54	In situ fabrication of ultrathin few-layered WSe anchored on N, P dual-doped carbon by bioreactor for half/full sodium/potassium-ion batteries with ultralong cycling lifespan. <i>Journal of Colloid and Interface Science</i> , 2020 , 574, 217-228	9.3	42
53	Facile Synthesis of Ultra-Small Few-Layer Nanostructured MoSe Embedded on N, P Co-Doped Bio-Carbon for High-Performance Half/Full Sodium-Ion and Potassium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2019 , 25, 13411-13421	4.8	42
52	An ultra-small few-layer MoS-hierarchical porous carbon fiber composite obtained via nanocasting synthesis for sodium-ion battery anodes with excellent long-term cycling performance. <i>Dalton Transactions</i> , 2019 , 48, 4149-4156	4.3	41
51	In Situ Synthesis of WSe ₂ /CMK-5 Nanocomposite for Rechargeable Lithium-Ion Batteries with a Long-Term Cycling Stability. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 4688-4694	8.3	37
50	Ultrasensitive electrochemical sensor for p-nitrophenyl organophosphates based on ordered mesoporous carbons at low potential without deoxygenization. <i>Analytica Chimica Acta</i> , 2014 , 822, 23-9	6.6	37
49	Metal platinum-wrapped mesoporous carbon for sensitive electrochemical immunosensing based on cyclodextrin functionalized graphene nanosheets. <i>Electrochimica Acta</i> , 2012 , 68, 158-165	6.7	35
48	In situ simultaneous encapsulation of defective MoS ₂ nanolayers and sulfur nanodots into SPAN fibers for high rate sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2021 , 404, 126430	14.7	35
47	Electrospun VSe/CNF composite with excellent performance for alkali metal ion batteries. <i>Nanoscale</i> , 2019 , 11, 16308-16316	7.7	34
46	Hierarchical Ni ₃ S ₂ -NiOOH hetero-nanocomposite grown on nickel foam as a noble-metal-free electrocatalyst for hydrogen evolution reaction in alkaline electrolyte. <i>Applied Surface Science</i> , 2018 , 456, 164-173	6.7	34
45	Rock salt type NiO assembled on ordered mesoporous carbon as peroxidase mimetic for colorimetric assay of gallic acid. <i>Talanta</i> , 2019 , 201, 406-412	6.2	31
44	Co-construction of sulfur vacancies and carbon confinement in VS/CNFs to induce an ultra-stable performance for half/full sodium-ion and potassium-ion batteries. <i>Nanoscale</i> , 2021 , 13, 5033-5044	7.7	31
43	Synthesis of MoO ₂ nanosheets by an ionic liquid route and its electrochemical properties. <i>Journal of Alloys and Compounds</i> , 2013 , 580, 358-362	5.7	30
42	Facile synthesis of hierarchical lychee-like ZnVO@C/rGO nanospheres as high-performance anodes for lithium ion batteries. <i>Journal of Colloid and Interface Science</i> , 2019 , 533, 627-635	9.3	29
41	MoS hollow spheres in ether-based electrolyte for high performance sodium ion battery. <i>Journal of Colloid and Interface Science</i> , 2019 , 548, 20-24	9.3	27
40	Facile preparation of a V ₂ O ₃ /carbon fiber composite and its application for long-term performance lithium-ion batteries. <i>New Journal of Chemistry</i> , 2017 , 41, 5380-5386	3.6	26

39	Facile synthesis of Cu ₂ O nanorod arrays on Cu foam as a self-supporting anode material for lithium ion batteries. <i>Journal of Alloys and Compounds</i> , 2017 , 723, 172-178	5.7	26
38	Ocean green tide derived hierarchical porous carbon with bi-enzyme mimic activities and their application for sensitive colorimetric and fluorescent biosensing. <i>Sensors and Actuators B: Chemical</i> , 2020 , 312, 127979	8.5	25
37	Template-free synthesis of metallic WS hollow microspheres as an anode for the sodium-ion battery. <i>Journal of Colloid and Interface Science</i> , 2019 , 557, 722-728	9.3	24
36	Ethanol thermal reduction synthesis of hierarchical MoO ₂ hollow spheres with high rate performance for lithium ion batteries. <i>RSC Advances</i> , 2016 , 6, 105558-105564	3.7	24
35	High-Performance Lithium-Ion-Based Dual-Ion Batteries Enabled by Few-Layer MoSe ₂ /Nitrogen-Doped Carbon. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 5514-5523	8.3	22
34	V ₃ Se ₄ embedded within N/P co-doped carbon fibers for sodium/potassium ion batteries. <i>Chemical Engineering Journal</i> , 2021 , 419, 129607	14.7	22
33	Preparation of Ge/N, S co-doped ordered mesoporous carbon composite and its long-term cycling performance of lithium-ion batteries. <i>Electrochimica Acta</i> , 2019 , 318, 737-745	6.7	21
32	Hierarchical LiZnVO ₄ @C nanostructures with enhanced cycling stability for lithium-ion batteries. <i>Dalton Transactions</i> , 2015 , 44, 7967-72	4.3	19
31	Facile fabrication of a vanadium nitride/carbon fiber composite for half/full sodium-ion and potassium-ion batteries with long-term cycling performance. <i>Nanoscale</i> , 2020 , 12, 10693-10702	7.7	18
30	Substituent effect on the oxidation peak potentials of phenol derivatives at ordered mesoporous carbons modified electrode and its application in determination of acidity coefficients (pKa). <i>Electrochimica Acta</i> , 2014 , 115, 283-289	6.7	14
29	Amorphous nickel coating on carbon nanotubes supported Pt nanoparticles as a highly durable and active electrocatalyst for methanol oxidation reaction. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 856, 113739	4.1	14
28	Nanocomposite Li ₃ V ₂ (PO ₄) ₃ /carbon as a cathode material with high rate performance and long-term cycling stability in lithium-ion batteries. <i>RSC Advances</i> , 2015 , 5, 57127-57132	3.7	12
27	Structural engineering of tin sulfides anchored on nitrogen/phosphorus dual-doped carbon nanofibres in sodium/potassium-ion batteries. <i>Carbon</i> , 2022 , 189, 46-56	10.4	12
26	Nitrogen-doped carbon encapsulated zinc vanadate polyhedron engineered from a metal-organic framework as a stable anode for alkali ion batteries. <i>Journal of Colloid and Interface Science</i> , 2021 , 593, 251-265	9.3	12
25	Dual carbon decorated germanium-carbon composite as a stable anode for sodium/potassium-ion batteries. <i>Journal of Colloid and Interface Science</i> , 2021 , 584, 372-381	9.3	12
24	Cobalt-doped MoS ₂ nanocomposite with NADH oxidase mimetic activity and its application in colorimetric biosensing of NADH. <i>Process Biochemistry</i> , 2021 , 111, 178-185	4.8	10
23	SnS ₂ nanosheets anchored on porous carbon fibers for high performance of sodium-ion batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 862, 114021	4.1	9
22	Confined CoGe Alloy Nanoparticles in Nitrogen-Doped Carbon Nanotubes for Boosting Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 46247-46253	9.5	8

21	Preparation of hierarchical MoO ₂ @RGO composite and its application for high rate performance lithium-ion batteries. <i>Materials Letters</i> , 2018 , 212, 198-201	3.3	8
20	CuO nanorods with excellent regenerable NADH peroxidase mimics and its application for selective and sensitive fluorimetric ethanol sensing. <i>Analytica Chimica Acta</i> , 2021 , 1186, 339126	6.6	8
19	High-Rate, Large Capacity, and Long Life Dendrite-Free Zn Metal Anode Enabled by Trifunctional Electrolyte Additive with a Wide Temperature Range. <i>Advanced Science</i> , 2201433	13.6	8
18	SnCo ₂ S ₄ /MK nanocomposite with improved electrochemical performance for lithium-ion batteries. <i>Materials Research Bulletin</i> , 2015 , 71, 42-47	5.1	7
17	Photocatalytic degradation of tetracycline hydrochloride over rugby-like BiGa ₂ O ₃ with a 3D hierarchically assembled porous structure for environmental remediation. <i>Catalysis Science and Technology</i> , 2020 , 10, 3315-3323	5.5	6
16	In situ fabrication of ZnO/MoO ₂ /C hetero-phase nanocomposite derived from MOFs with enhanced performance for lithium storage. <i>Journal of Alloys and Compounds</i> , 2020 , 817, 152728	5.7	6
15	Hierarchical porous MoS ₂ particles: excellent multi-enzyme-like activities, mechanism and its sensitive phenol sensing based on inhibition of sulfite oxidase mimics.. <i>Journal of Hazardous Materials</i> , 2021 , 425, 128053	12.8	5
14	Nitrogen-doped carbon coated silicon derived from a facile strategy with enhanced performance for lithium storage. <i>Functional Materials Letters</i> , 2016 , 09, 1650055	1.2	4
13	Correction to Magnetic Mesoporous Organic-Inorganic NiCo ₂ O ₄ Hybrid Nanomaterials for Electrochemical Immunosensors. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 490-490	9.5	4
12	A composite of ultra-fine few-layer MoS ₂ structures embedded on N,P-co-doped bio-carbon for high-performance sodium-ion batteries. <i>New Journal of Chemistry</i> , 2020 , 44, 2046-2052	3.6	4
11	Novel Bamboo-Mediated Biosynthesis of MnO _x for Efficient Low-Temperature Propane Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 11446-11455	8.3	4
10	Preparation of SnS ₂ /enteromorpha prolifera derived carbon composite and its performance of sodium-ion batteries. <i>Journal of Physics and Chemistry of Solids</i> , 2021 , 152, 109976	3.9	3
9	Vanadium nitride@carbon nanofiber composite: Synthesis, cascade enzyme mimics and its sensitive and selective colorimetric sensing of superoxide anion.. <i>Biosensors and Bioelectronics</i> , 2022 , 210, 114285	11.8	3
8	Two-dimensional MoSe ₂ /chitosan-derived nitrogen-doped carbon composite enabling stable sodium/potassium storage. <i>Journal of Physics and Chemistry of Solids</i> , 2022 , 163, 110573	3.9	2
7	Synthesis of the Se-HPCF composite a liquid-solution route and its stable cycling performance in Li-Se batteries. <i>Dalton Transactions</i> , 2020 , 49, 14536-14542	4.3	2
6	Facile fabrication of WS nanocrystals confined in chlorella-derived N, P co-doped bio-carbon for sodium-ion batteries with ultra-long lifespan. <i>Dalton Transactions</i> , 2021 , 50, 14745-14752	4.3	2
5	The in situ growth of Cu ₂ O with a honeycomb structure on a roughed graphite paper for the efficient electroreduction of CO ₂ to C ₂ H ₄ . <i>Catalysis Science and Technology</i> ,	5.5	2
4	Algal residues-engaged formation of novel WVO ₄ /V ₃ Se ₄ hybrid nanostructure with carbon fiber confinement for enhanced long-term cycling stability in sodium/potassium storage. <i>Journal of Alloys and Compounds</i> , 2021 , 892, 162177	5.7	2

3	Synthesis of hierarchical Mn ₃ O ₄ microsphere composed of ultrathin nanosheets and its excellent long-term cycling performance for lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2019 , 30, 3055-3060	2.1	1
2	Structure engineering of BiSbS _x nanocrystals embedded within sulfurized polyacrylonitrile fibers for high performance of potassium-ion batteries.. <i>Chemistry - A European Journal</i> , 2022 ,	4.8	1
1	A green strategy towards fabricating FePO ₄ -graphene oxide for high-performance cathode of lithium/sodium-ion batteries recovered from spent batteries. <i>Journal of Electroanalytical Chemistry</i> , 2022 , 913, 116287	4.1	0