

Yejun Qiu

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7429199/yejun-qiu-publications-by-citations.pdf>

Version: 2024-04-26

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.

68

papers

1,905

citations

27

h-index

41

g-index

73

ext. papers

2,464

ext. citations

8.4

avg, IF

5.29

L-index

#	Paper	IF	Citations
68	Colloidal Cobalt Phosphide Nanocrystals as Trifunctional Electrocatalysts for Overall Water Splitting Powered by a Zinc-Air Battery. <i>Advanced Materials</i> , 2018 , 30, 1705796	24	190
67	Recent advances in energy materials by electrospinning. <i>Renewable and Sustainable Energy Reviews</i> , 2018 , 81, 1825-1858	16.2	144
66	Nitrogen-doped ultrathin carbon nanofibers derived from electrospinning: Large-scale production, unique structure, and application as electrocatalysts for oxygen reduction. <i>Journal of Power Sources</i> , 2011 , 196, 9862-9867	8.9	111
65	A flexible, electrochromic, rechargeable Zn//PPy battery with a short circuit chromatic warning function. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 11113-11118	13	71
64	Aligned polyaniline nanowires grown on the internal surface of macroporous carbon for supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 23307-23315	13	64
63	Electrospun Ti4O7/C conductive nanofibers as interlayer for lithium-sulfur batteries with ultra long cycle life and high-rate capability. <i>Chemical Engineering Journal</i> , 2019 , 355, 390-398	14.7	58
62	Large-scale synthesis of hybrid metal oxides through metal redox mechanism for high-performance pseudocapacitors. <i>Scientific Reports</i> , 2016 , 6, 20021	4.9	56
61	Graphene/MoS/FeCoNi(OH) and Graphene/MoS/FeCoNiP multilayer-stacked vertical nanosheets on carbon fibers for highly efficient overall water splitting. <i>Nature Communications</i> , 2021 , 12, 1380	17.4	56
60	Nitrogen-doped activated carbon with micrometer-scale channels derived from luffa sponge fibers as electrocatalysts for oxygen reduction reaction with high stability in acidic media. <i>Electrochimica Acta</i> , 2014 , 149, 56-64	6.7	53
59	Onion-like graphitic nanoshell structured FeNi/C nanofibers derived from electrospinning for oxygen reduction reaction in acid media. <i>Electrochemistry Communications</i> , 2013 , 30, 1-4	5.1	48
58	The effect of different nitrogen sources on the electrocatalytic properties of nitrogen-doped electrospun carbon nanofibers for the oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 4673-4682	6.7	46
57	Colloidal silver diphosphide (AgP) nanocrystals as low overpotential catalysts for CO reduction to tunable syngas. <i>Nature Communications</i> , 2019 , 10, 5724	17.4	46
56	Phosphorus-Rich Colloidal Cobalt Diphosphide (CoP) Nanocrystals for Electrochemical and Photoelectrochemical Hydrogen Evolution. <i>Advanced Materials</i> , 2019 , 31, e1900813	24	45
55	Self-Assembled Monolayer Enables Slurry-Coating of Li Anode. <i>ACS Central Science</i> , 2019 , 5, 468-476	16.8	43
54	Scalable neutral HO electrosynthesis by platinum diphosphide nanocrystals by regulating oxygen reduction reaction pathways. <i>Nature Communications</i> , 2020 , 11, 3928	17.4	43
53	In situ decorated Ni2P nanocrystal co-catalysts on g-C3N4 for efficient and stable photocatalytic hydrogen evolution via a facile co-heating method. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2995-3004	13	41
52	Reduced graphene oxide/Mn3O4 nanocomposite electrodes with enhanced electrochemical performance for energy storage applications. <i>Journal of Electroanalytical Chemistry</i> , 2017 , 794, 78-85	4.1	39

51	Synthesis of lead-free CsSbBr perovskite alternative nanocrystals with enhanced photocatalytic CO reduction activity. <i>Nanoscale</i> , 2020 , 12, 2987-2991	7.7	36
50	Synthesis of Porous NiO and ZnO Submicro- and Nanofibers from Electrospun Polymer Fiber Templates. <i>Nanoscale Research Letters</i> , 2008 , 4, 173-177	5	36
49	Synthesis of Carbon/Carbon Core/Shell Nanotubes with a High Specific Surface Area. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 61-68	3.8	36
48	Synthesis of continuous boron nitride nanofibers by solution coating electrospun template fibers. <i>Nanotechnology</i> , 2009 , 20, 345603	3.4	33
47	A polysulfide-trapping interlayer constructed by boron and nitrogen co-doped carbon nanofibers for long-life lithium sulfur batteries. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 833, 151-159	4.1	32
46	Hydrothermally synthesized porous Mn ₃ O ₄ nanoparticles with enhanced electrochemical performance for supercapacitors. <i>Ceramics International</i> , 2019 , 45, 2226-2233	5.1	32
45	Fe ₃ N/C nanofiber electrocatalysts with improved activity and stability for oxygen reduction in alkaline and acid solutions. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 565-573	2.6	30
44	A Ni ₂ P nanocrystal cocatalyst enhanced TiO ₂ photoanode towards highly efficient photoelectrochemical water splitting. <i>Chemical Engineering Journal</i> , 2020 , 385, 123878	14.7	30
43	Enhancement of electrocatalytic activity for oxygen reduction reaction in alkaline and acid media from electrospun nitrogen-doped carbon nanofibers by surface modification. <i>RSC Advances</i> , 2013 , 3, 15655	3.7	29
42	Graphene decorated polymeric flexible materials for lightweight high areal energy lithium-ion batteries. <i>Applied Materials Today</i> , 2019 , 17, 123-129	6.6	28
41	Highly thermal-stable and transparent silver nanowire conductive films via magnetic assisted electrodeposition of Ni. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 4887-4894	7.1	25
40	Iron-facilitated surface reconstruction to in-situ generate nickel-iron oxyhydroxide on self-supported FeNi alloy fiber paper for efficient oxygen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2021 , 286, 119902	21.8	25
39	Graphenothermal reduction synthesis of MnO/RGO composite with excellent anodic behaviour in lithium ion batteries. <i>Ceramics International</i> , 2018 , 44, 3077-3084	5.1	24
38	Improved Performance by SiO ₂ Hollow Nanospheres for Silver Nanowire-Based Flexible Transparent Conductive Films. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 27055-27063	9.5	23
37	Electrospun carbon nanofibers decorated with MnO nanoparticles as a sulfur-absorbent for lithium-sulfur batteries. <i>Ceramics International</i> , 2018 , 44, 16837-16843	5.1	22
36	High-capacity cathode for lithium-ion battery from LiFePO ₄ /(C + Fe ₂ P) composite nanofibers by electrospinning. <i>Journal of Materials Science</i> , 2014 , 49, 504-509	4.3	21
35	Mixed-dimensional heterostructures of hydrophobic/hydrophilic graphene foam for tunable hydrogen evolution reaction. <i>Chemosphere</i> , 2020 , 245, 125607	8.4	20
34	Bimetallic Fe-Co promoting one-step growth of hierarchical nitrogen-doped carbon nanotubes/nanofibers for highly efficient oxygen reduction reaction. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2017 , 223, 159-166	3.1	18

33	Facile and cost-effective synthesis of flower-like RGO/Fe ₃ O ₄ nanocomposites with ultra-long cycling stability for supercapacitors. <i>Ionics</i> , 2019 , 25, 655-664	2.7	16
32	Hybrid co-based MOF nanoboxes/CNFs interlayer as microreactors for polysulfides-trapping in lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , 2021 , 57, 469-476	12	16
31	Dendrite-Free Lithium Anodes Enabled by a Commonly Used Copper Antirusting Agent. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 8168-8175	9.5	15
30	Synthesis of iron oxide embedded reduced graphene oxide composites with enhanced electrochemical performance as Li-ion battery anodes. <i>Journal of Electroanalytical Chemistry</i> , 2019 , 834, 173-179	4.1	15
29	Trimetallic FeCoNi/C nanofibers with high electrocatalytic activity for oxygen reduction reaction in sulfuric acid solution. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 813, 52-57	4.1	14
28	Electrospun PVDF/PSSLi ionomer films as a functional separator for lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , 2019 , 785, 627-633	5.7	13
27	High electrochemical activity from hybrid materials of electrospun tungsten oxide nanofibers and carbon black. <i>Journal of Materials Science</i> , 2012 , 47, 6607-6613	4.3	12
26	Covalent interfacial coupling for hybrid solid-state Li ion conductor. <i>Energy Storage Materials</i> , 2019 , 23, 277-283	19.4	11
25	Synthesis of flower-like reduced graphene oxide/Mn ₃ O ₄ nanocomposite electrodes for supercapacitors. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	11
24	Effect of carbonization temperature on bimetallic FeCo-N/C nanofiber electrocatalysts for oxygen reduction reaction in sulfuric acid solution. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 29274-29282	6.7	11
23	Improved electrochemical performance of Mn ₃ O ₄ thin film electrodes for supercapacitors. <i>Materials Science in Semiconductor Processing</i> , 2018 , 84, 83-90	4.3	11
22	Initiator-Integrated 3-D Printing of Magnetic Object for Remote Controlling Application. <i>IEEE Transactions on Magnetics</i> , 2017 , 53, 1-9	2	10
21	Nitrogen-doped Carbon Nanofibers as Highly Active Metal-free Electrocatalysts for Oxygen Reduction Reactions in Acidic Media. <i>Chemistry Letters</i> , 2013 , 42, 413-415	1.7	9
20	Silver nanofibers with controllable microstructure and crystal facet as highly efficient and methanol-tolerant oxygen reduction electrocatalyst. <i>Journal of Power Sources</i> , 2019 , 413, 233-240	8.9	9
19	Nickel-enhanced silver nanowire-based transparent heater with large size.. <i>RSC Advances</i> , 2018 , 8, 14532-14538	3.7	8
18	Constructing a sandwich-structured interlayer with strong polysulfides adsorption ability for high-performance lithium-sulfur batteries. <i>Materials Today Energy</i> , 2019 , 14, 100339	7	7
17	FeOOH/Ni heterojunction nanoarrays on carbon cloth as a robust catalyst for efficient oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2020 , 45, 28566-28575	6.7	7
16	Interface Engineering of Colloidal CdSe Quantum Dot Thin Films as Acid-Stable Photocathodes for Solar-Driven Hydrogen Evolution. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 17129-17139	9.5	6

15	High-Performance Flexible Transparent Conductive Films Enabled by a Commonly Used Antireflection Layer. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 2979-2987	9.5	6
14	A colloidal ZnTe quantum dot-based photocathode with a metal/insulator/semiconductor structure towards solar-driven CO ₂ reduction to tunable syngas. <i>Journal of Materials Chemistry A</i> , 2021 , 9, 3589-3596	13	6
13	A sandwich-structured TiN/BN-C composite interlayer with enhanced performance for LiS batteries. <i>Journal of Electroanalytical Chemistry</i> , 2020 , 862, 113963	4.1	4
12	Hybrid TiO-TiO ₂ nanoparticle/B-N co-doped CNFs interlayer for advanced LiS batteries. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 881, 114950	4.1	4
11	Spectroscopic and Electrochemical Properties of Lithium-Rich LiFePO ₄ Cathode Synthesized by Solid-State Reaction. <i>Journal of Electronic Materials</i> , 2017 , 46, 4865-4874	1.9	3
10	Core-Shell AgNWs@Ni(OH) ₂ Nanowires Anchored on Filter Paper for Efficient Hydrogen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , 2020 , 167, 116520	3.9	3
9	Facet-Selective Deposition of Ultrathin Al ₂ O ₃ on Copper Nanocrystals for Highly Stable CO Electroreduction to Ethylene. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24838-24843	16.4	3
8	Mixed-dimensional niobium disulfide-graphene foam heterostructures as an efficient catalyst for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 33679-33688	6.7	3
7	Room temperature all-solid-state lithium batteries based on a soluble organic cage ionic conductor.. <i>Nature Communications</i> , 2022 , 13, 2031	17.4	3
6	Exploiting the Synergistic Electronic Interaction between Pt-Skin Wrapped Intermetallic PtCo Nanoparticles and Co-N-C Support for Efficient ORR/EOR Electrocatalysis in a Direct Ethanol Fuel Cell. <i>Small</i> , 2020 , 2071	11	3
5	Electrospinning-derived ultrafine silver-carbon composite nanofibers for flexible transparent conductive films. <i>RSC Advances</i> , 2015 , 5, 88032-88037	3.7	2
4	A 3D binder-free AgNWs@NiMo/PU electrode for efficient hydrogen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 886, 115136	4.1	1
3	Ultrathin hollow hemisphere-carbon-anchored Ni ₃ FeN nanoparticles as nanoreactors facilitating the formation of NiCx with long-term durability for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2022 , 10, 7911-7919	13	1
2	Electrodeposition of Mo-doped NiFe _x nanospheres on 3D graphene fibers for efficient overall alkaline water splitting. <i>International Journal of Hydrogen Energy</i> , 2022 , 47, 13850-13861	6.7	1
1	Potential-mediated growth of ultrathin hydrated tungsten oxide nanosheets with high electrochemical activity from amorphous precursor nanofibers. <i>Journal of Materials Science</i> , 2015 , 50, 66-73	4.3	