

# Yejun Qiu

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/7429199/yejun-qiu-publications-by-year.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	Ultrathin hollow hemisphere-carbon-anchored Ni <sub>3</sub> FeN nanoparticles as nanoreactors facilitating the formation of NiC <sub>x</sub> with long-term durability for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , <b>2022</b> , 10, 7911-7919	13	1
67	Electrodeposition of Mo-doped NiFe <sub>x</sub> nanospheres on 3D graphene fibers for efficient overall alkaline water splitting. <i>International Journal of Hydrogen Energy</i> , <b>2022</b> , 47, 13850-13861	6.7	1
66	Room temperature all-solid-state lithium batteries based on a soluble organic cage ionic conductor.. <i>Nature Communications</i> , <b>2022</b> , 13, 2031	17.4	3
65	High-Performance Flexible Transparent Conductive Films Enabled by a Commonly Used Antireflection Layer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 2979-2987	9.5	6
64	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> , <b>2021</b> , 12, 1380	17.4	56
63	A 3D binder-free AgNWs@NiMo/PU electrode for efficient hydrogen evolution reaction. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 886, 115136	4.1	1
62	Iron-facilitated surface reconstruction to in-situ generate nickel(II) oxyhydroxide on self-supported FeNi alloy fiber paper for efficient oxygen evolution reaction. <i>Applied Catalysis B: Environmental</i> , <b>2021</b> , 286, 119902	21.8	25
61	Hybrid co-based MOF nanoboxes/CNFs interlayer as microreactors for polysulfides-trapping in lithium-sulfur batteries. <i>Journal of Energy Chemistry</i> , <b>2021</b> , 57, 469-476	12	16
60	Hybrid TiO-TiO <sub>2</sub> nanoparticle/B-N co-doped CNFs interlayer for advanced LiS batteries. <i>Journal of Electroanalytical Chemistry</i> , <b>2021</b> , 881, 114950	4.1	4
59	Facet-Selective Deposition of Ultrathin Al <sub>2</sub> O <sub>3</sub> on Copper Nanocrystals for Highly Stable CO Electroreduction to Ethylene. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 24838-24843	16.4	3
58	Mixed-dimensional niobium disulfide-graphene foam heterostructures as an efficient catalyst for hydrogen production. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 33679-33688	6.7	3
57	A colloidal ZnTe quantum dot-based photocathode with a metal-insulator-semiconductor structure towards solar-driven CO <sub>2</sub> reduction to tunable syngas. <i>Journal of Materials Chemistry A</i> , <b>2021</b> , 9, 3589-3596	13	6
56	A sandwich-structured TiN/BN-C composite interlayer with enhanced performance for LiS batteries. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 862, 113963	4.1	4
55	Dendrite-Free Lithium Anodes Enabled by a Commonly Used Copper Antirusting Agent. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 8168-8175	9.5	15
54	Synthesis of lead-free CsSbBr perovskite alternative nanocrystals with enhanced photocatalytic CO reduction activity. <i>Nanoscale</i> , <b>2020</b> , 12, 2987-2991	7.7	36
53	Core-Shell AgNWs@Ni(OH) <sub>2</sub> Nanowires Anchored on Filter Paper for Efficient Hydrogen Evolution Reaction. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 116520	3.9	3
52	In situ decorated Ni <sub>2</sub> P nanocrystal co-catalysts on g-C <sub>3</sub> N <sub>4</sub> for efficient and stable photocatalytic hydrogen evolution via a facile co-heating method. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 2995-3004	13	41

51	A Ni <sub>2</sub> P nanocrystal cocatalyst enhanced TiO <sub>2</sub> photoanode towards highly efficient photoelectrochemical water splitting. <i>Chemical Engineering Journal</i> , <b>2020</b> , 385, 123878	14.7	30
50	Mixed-dimensional heterostructures of hydrophobic/hydrophilic graphene foam for tunable hydrogen evolution reaction. <i>Chemosphere</i> , <b>2020</b> , 245, 125607	8.4	20
49	FeOOH/Ni heterojunction nanoarrays on carbon cloth as a robust catalyst for efficient oxygen evolution reaction. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 28566-28575	6.7	7
48	Scalable neutral HO electrosynthesis by platinum diphosphide nanocrystals by regulating oxygen reduction reaction pathways. <i>Nature Communications</i> , <b>2020</b> , 11, 3928	17.4	43
47	Constructing a sandwich-structured interlayer with strong polysulfides adsorption ability for high-performance lithium-sulfur batteries. <i>Materials Today Energy</i> , <b>2019</b> , 14, 100339	7	7
46	Electrospun PVDF/PSSLi ionomer films as a functional separator for lithium-sulfur batteries. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 785, 627-633	5.7	13
45	Covalent interfacial coupling for hybrid solid-state Li ion conductor. <i>Energy Storage Materials</i> , <b>2019</b> , 23, 277-283	19.4	11
44	Phosphorus-Rich Colloidal Cobalt Diphosphide (CoP) Nanocrystals for Electrochemical and Photoelectrochemical Hydrogen Evolution. <i>Advanced Materials</i> , <b>2019</b> , 31, e1900813	24	45
43	Self-Assembled Monolayer Enables Slurry-Coating of Li Anode. <i>ACS Central Science</i> , <b>2019</b> , 5, 468-476	16.8	43
42	Facile and cost-effective synthesis of flower-like RGO/Fe <sub>3</sub> O <sub>4</sub> nanocomposites with ultra-long cycling stability for supercapacitors. <i>Ionics</i> , <b>2019</b> , 25, 655-664	2.7	16
41	Electrospun Ti <sub>4</sub> O <sub>7</sub> /C conductive nanofibers as interlayer for lithium-sulfur batteries with ultra long cycle life and high-rate capability. <i>Chemical Engineering Journal</i> , <b>2019</b> , 355, 390-398	14.7	58
40	Graphene decorated polymeric flexible materials for lightweight high areal energy lithium-ion batteries. <i>Applied Materials Today</i> , <b>2019</b> , 17, 123-129	6.6	28
39	Colloidal silver diphosphide (AgP) nanocrystals as low overpotential catalysts for CO reduction to tunable syngas. <i>Nature Communications</i> , <b>2019</b> , 10, 5724	17.4	46
38	Synthesis of iron oxide embedded reduced graphene oxide composites with enhanced electrochemical performance as Li-ion battery anodes. <i>Journal of Electroanalytical Chemistry</i> , <b>2019</b> , 834, 173-179	4.1	15
37	Silver nanofibers with controllable microstructure and crystal facet as highly efficient and methanol-tolerant oxygen reduction electrocatalyst. <i>Journal of Power Sources</i> , <b>2019</b> , 413, 233-240	8.9	9
36	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> , <b>2019</b> , 833, 151-159	4.1	32
35	Hydrothermally synthesized porous Mn <sub>3</sub> O <sub>4</sub> nanoparticles with enhanced electrochemical performance for supercapacitors. <i>Ceramics International</i> , <b>2019</b> , 45, 2226-2233	5.1	32
34	Trimetallic FeCoNi <sub>3</sub> /C nanofibers with high electrocatalytic activity for oxygen reduction reaction in sulfuric acid solution. <i>Journal of Electroanalytical Chemistry</i> , <b>2018</b> , 813, 52-57	4.1	14

33	Colloidal Cobalt Phosphide Nanocrystals as Trifunctional Electrocatalysts for Overall Water Splitting Powered by a Zinc-Air Battery. <i>Advanced Materials</i> , <b>2018</b> , 30, 1705796	24	190
32	Interface Engineering of Colloidal CdSe Quantum Dot Thin Films as Acid-Stable Photocathodes for Solar-Driven Hydrogen Evolution. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 17129-17139	9.5	6
31	Nickel-enhanced silver nanowire-based transparent heater with large size.. <i>RSC Advances</i> , <b>2018</b> , 8, 14532-14538	3.7	1
30	Highly thermal-stable and transparent silver nanowire conductive films via magnetic assisted electrodeposition of Ni. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 4887-4894	7.1	25
29	Recent advances in energy materials by electrospinning. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 81, 1825-1858	16.2	144
28	Synthesis of flower-like reduced graphene oxide/Mn <sub>3</sub> O <sub>4</sub> nanocomposite electrodes for supercapacitors. <i>Applied Physics A: Materials Science and Processing</i> , <b>2018</b> , 124, 1	2.6	11
27	Electrospun carbon nanofibers decorated with MnO nanoparticles as a sulfur-absorbent for lithium-sulfur batteries. <i>Ceramics International</i> , <b>2018</b> , 44, 16837-16843	5.1	22
26	Graphenothermal reduction synthesis of MnO/RGO composite with excellent anodic behaviour in lithium ion batteries. <i>Ceramics International</i> , <b>2018</b> , 44, 3077-3084	5.1	24
25	Improved electrochemical performance of Mn <sub>3</sub> O <sub>4</sub> thin film electrodes for supercapacitors. <i>Materials Science in Semiconductor Processing</i> , <b>2018</b> , 84, 83-90	4.3	11
24	A flexible, electrochromic, rechargeable Zn//PPy battery with a short circuit chromatic warning function. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 11113-11118	13	71
23	Initiator-Integrated 3-D Printing of Magnetic Object for Remote Controlling Application. <i>IEEE Transactions on Magnetics</i> , <b>2017</b> , 53, 1-9	2	10
22	Spectroscopic and Electrochemical Properties of Lithium-Rich LiFePO <sub>4</sub> Cathode Synthesized by Solid-State Reaction. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 4865-4874	1.9	3
21	Reduced graphene oxide/Mn <sub>3</sub> O <sub>4</sub> nanocomposite electrodes with enhanced electrochemical performance for energy storage applications. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 794, 78-85	4.1	39
20	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> , <b>2017</b> , 223, 159-166	3.1	18
19	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> , <b>2017</b> , 42, 29274-29282	6.7	11
18	Large-scale synthesis of hybrid metal oxides through metal redox mechanism for high-performance pseudocapacitors. <i>Scientific Reports</i> , <b>2016</b> , 6, 20021	4.9	56
17	Improved Performance by SiO <sub>2</sub> Hollow Nanospheres for Silver Nanowire-Based Flexible Transparent Conductive Films. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 27055-27063	9.5	23
16	Potential-mediated growth of ultrathin hydrated tungsten oxide nanosheets with high electrochemical activity from amorphous precursor nanofibers. <i>Journal of Materials Science</i> , <b>2015</b> , 50, 66-73	4.3	

15	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> , <b>2015</b> , 40, 4673-4682	6.7	46
14	Electrospinning-derived ultrafine silver/carbon composite nanofibers for flexible transparent conductive films. <i>RSC Advances</i> , <b>2015</b> , 5, 88032-88037	3.7	2
13	Aligned polyaniline nanowires grown on the internal surface of macroporous carbon for supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 23307-23315	13	64
12	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> , <b>2014</b> , 149, 56-64	6.7	53
11	High-capacity cathode for lithium-ion battery from LiFePO <sub>4</sub> /(C + Fe <sub>2</sub> P) composite nanofibers by electrospinning. <i>Journal of Materials Science</i> , <b>2014</b> , 49, 504-509	4.3	21
10	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> , <b>2013</b> , 3, 15655	3.7	29
9	Onion-like graphitic nanoshell structured Fe <sub>3</sub> C/C nanofibers derived from electrospinning for oxygen reduction reaction in acid media. <i>Electrochemistry Communications</i> , <b>2013</b> , 30, 1-4	5.1	48
8	Fe <sub>3</sub> C/C nanofiber electrocatalysts with improved activity and stability for oxygen reduction in alkaline and acid solutions. <i>Journal of Solid State Electrochemistry</i> , <b>2013</b> , 17, 565-573	2.6	30
7	Nitrogen-doped Carbon Nanofibers as Highly Active Metal-free Electrocatalysts for Oxygen Reduction Reactions in Acidic Media. <i>Chemistry Letters</i> , <b>2013</b> , 42, 413-415	1.7	9
6	High electrochemical activity from hybrid materials of electrospun tungsten oxide nanofibers and carbon black. <i>Journal of Materials Science</i> , <b>2012</b> , 47, 6607-6613	4.3	12
5	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> , <b>2011</b> , 196, 9862-9867	8.9	111
4	Synthesis of continuous boron nitride nanofibers by solution coating electrospun template fibers. <i>Nanotechnology</i> , <b>2009</b> , 20, 345603	3.4	33
3	Synthesis of Carbon/Carbon Core/Shell Nanotubes with a High Specific Surface Area. <i>Journal of Physical Chemistry C</i> , <b>2009</b> , 113, 61-68	3.8	36
2	Synthesis of Porous NiO and ZnO Submicro- and Nanofibers from Electrospun Polymer Fiber Templates. <i>Nanoscale Research Letters</i> , <b>2008</b> , 4, 173-177	5	36
1	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> , 2202071	11	3