

# Jiali Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

2,932  
citations

933264

10  
h-index

610775

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

5553  
citing authors

#	ARTICLE	IF	CITATIONS
1	All carbon electrodes derived from semi-coke for electrochemical energy storage devices. <i>Ionics</i> , 2022, 28, 1685-1692.	1.2	2
2	Regulating Lithium-Ion Transference Number of a Poly(vinyl alcohol)-Based Gel Electrolyte by the Incorporation of $\text{H}_3\text{BO}_3$ as an Anion Trapper. <i>ACS Applied Energy Materials</i> , 2022, 5, 2873-2880.	2.5	5
3	Effects of Pulverization and Dead Sn Accumulation in $\text{SnO}_2$ Nanorods Grown on Carbon Cloth on Their Electrochemical Performances as the Anode in Lithium Ion Batteries. <i>ACS Applied Energy Materials</i> , 2022, 5, 3536-3544.	2.5	5
4	Catalytic Oxidation of Veratryl Alcohol Derivatives Using RuCo/rGO Composites. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	4
5	Regulating the Heat Generation Power of a $\text{LiNi}_{0.8}\text{Co}_{0.1}\text{Mn}_{0.1}\text{O}_2$ Cathode by Coating with Reduced Graphene Oxide. <i>ACS Applied Energy Materials</i> , 2022, 5, 4622-4630.	2.5	3
6	Reinforce the Adhesion of Gel Electrolyte to Electrode and the Interfacial Charge Transfer via In Situ Electrospinning the Polymeric Nanofiber Matrix. <i>Energy Technology</i> , 2021, 9, 2000865.	1.8	8
7	Core-Shell PMIA@PVdF-HFP/ $\text{Al}_2\text{O}_3$ Nanofiber Mats <i>in Situ</i> Coaxial Electrospun on $\text{LiFePO}_4$ Electrode as Matrices for Gel Electrolytes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 9875-9884.	4.0	21
8	Enhancing the Oxidase-Like Performances of $\text{Co}_x\text{Mn}_{3-x}\text{O}_4$ Nanoparticles by Tuning the Mn Content and Decorating Reduced Graphene Oxide. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 2486-2492.	1.0	4
9	Effects of Pre-Electroplated Metal or/and Graphene on the Initial Coulombic Efficiency of Graphite Anode. <i>ChemElectroChem</i> , 2021, 8, 3651.	1.7	0
10	Carbon Nanofibers Cross-Linked and Decorated with Graphene Quantum Dots as Binder-Free Electrodes for Flexible Supercapacitors. <i>Journal of Physical Chemistry C</i> , 2021, 125, 143-151.	1.5	10
11	Hydrolysis of Organophosphorus Agents Catalyzed by Cobalt Nanoparticles Supported on Three-Dimensional Nitrogen-Doped Graphene. <i>Inorganic Chemistry</i> , 2021, 60, 17635-17640.	1.9	4
12	Graphene quantum dots in photodynamic therapy. <i>Nanoscale Advances</i> , 2020, 2, 4961-4967.	2.2	21
13	Graphene Quantum Dots Band Structure Tuned by Size for Efficient Organic Solar Cells. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2019, 216, 1900657.	0.8	7
14	Cladding transition metal oxide particles with graphene oxide sheets: an efficient protocol to improve their structural stability and lithium ion diffusion rate. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 2969-2977.	1.2	9
15	Rationally assembled rGO/ $\text{Sn}/\text{Na}_2\text{Zr}(\text{PO}_4)_2$ nanocomposites as high performance anode materials for lithium and sodium ion batteries. <i>Sustainable Energy and Fuels</i> , 2019, 3, 1509-1516.	2.5	2
16	Gold nanoparticles stabilized by graphene quantum dots as catalysts for C-C bond cleavage in $\beta$ -O-4 lignin model compounds. <i>Inorganic Chemistry Communication</i> , 2019, 104, 105-109.	1.8	11
17	Oxidation of 1-Phenylethane-1,2-diol to 2-Hydroxy-1-Phenylethane-1-one Catalyzed by Gold Nanocrystals. <i>ChemistrySelect</i> , 2018, 3, 13638-13640.	0.7	2
18	Three-dimensional composite of $\text{Co}_3\text{O}_4$ nanoparticles and nitrogen-doped reduced graphene oxide for lignin model compound oxidation. <i>New Journal of Chemistry</i> , 2018, 42, 11117-11123.	1.4	9

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19	Co <sub>3</sub> O <sub>4</sub> Nanosheet Arrays on Ni Foam as Electrocatalyst for Oxygen Evolution Reaction. <i>Electrocatalysis</i> , 2018, 9, 653-661.	1.5	23
20	Metastable intermolecular composites of Al and CuO nanoparticles assembled with graphene quantum dots. <i>RSC Advances</i> , 2017, 7, 1718-1723.	1.7	11
21	Composites of Graphene Quantum Dots and Reduced Graphene Oxide as Catalysts for Nitroarene Reduction. <i>ACS Omega</i> , 2017, 2, 7293-7298.	1.6	27
22	Graphene Quantum Dots Downregulate Multiple Multidrug-Resistant Genes via Interacting with Their C-rich Promoters. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700328.	3.9	30
23	Reducing Graphene Oxide via Hydroxylamine: A Simple and Efficient Route to Graphene. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11957-11961.	1.5	304
24	Preparation of Pt Ag alloy nanoisland/graphene hybrid composites and its high stability and catalytic activity in methanol electro-oxidation. <i>Nanoscale Research Letters</i> , 2011, 6, 551.	3.1	108
25	Horseradish Peroxidase Immobilized on Graphene Oxide: Physical Properties and Applications in Phenolic Compound Removal. <i>Journal of Physical Chemistry C</i> , 2010, 114, 8469-8473.	1.5	204
26	Reduction of graphene oxide via L-ascorbic acid. <i>Chemical Communications</i> , 2010, 46, 1112-1114.	2.2	2,098