

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 | Reduction of graphene oxide via ascorbic acid. <i>Chemical Communications</i> , 2010, 46, 1112-1114. | 2.2 | 2,098 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Graphene Quantum Dots Downregulate Multiple Multidrug-Resistant Genes via Interacting with Their Rich Promoters. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700328. | 3.9 | 30 |
| 6 | 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 |
| 7 | Co ₃ O ₄ Nanosheet Arrays on Ni Foam as Electrocatalyst for Oxygen Evolution Reaction. <i>Electrocatalysis</i> , 2018, 9, 653-661. | 1.5 | 23 |
| 8 | Graphene quantum dots in photodynamic therapy. <i>Nanoscale Advances</i> , 2020, 2, 4961-4967. | 2.2 | 21 |
| 9 | Core-Shell PMIA@PVdF-HFP/Al ₂ O ₃ Nanofiber Mats <i>In Situ</i> Coaxial Electrospun on LiFePO ₄ Electrode as Matrices for Gel Electrolytes & Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 9875-9884. | 4.0 | 21 |
| 10 | Metastable intermolecular composites of Al and CuO nanoparticles assembled with graphene quantum dots. <i>RSC Advances</i> , 2017, 7, 1718-1723. | 1.7 | 11 |
| 11 | Gold nanoparticles stabilized by graphene quantum dots as catalysts for C-C bond cleavage in ̂ ² -O-4 lignin model compounds. <i>Inorganic Chemistry Communication</i> , 2019, 104, 105-109. | 1.8 | 11 |
| 12 | 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 |
| 13 | Three-dimensional composite of Co ₃ 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 |
| 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 | Reinforce the Adhesion of Gel Electrolyte to Electrode and the Interfacial Charge Transfer via <i>In Situ</i> Electrospinning the Polymeric Nanofiber Matrix. <i>Energy Technology</i> , 2021, 9, 2000865. | 1.8 | 8 |
| 16 | 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 |
| 17 | Regulating Lithium-Ion Transference Number of a Poly(vinyl alcohol)-Based Gel Electrolyte by the Incorporation of H ₃ BO ₃ as an Anion Trapper. <i>ACS Applied Energy Materials</i> , 2022, 5, 2873-2880. | 2.5 | 5 |
| 18 | Effects of Pulverization and Dead Sn Accumulation in 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 |

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|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Catalytic Oxidation of Veratryl Alcohol Derivatives Using RuCo/rGO Composites. <i>Chemistry - A European Journal</i> , 2022, 28, . | 1.7 | 4 |
| 22 | 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 |
| 23 | 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 |
| 24 | Rationally assembled rGO/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 |
| 25 | All carbon electrodes derived from semi-coke for electrochemical energy storage devices. <i>Ionics</i> , 2022, 28, 1685-1692. | 1.2 | 2 |
| 26 | 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 |