# Yiran Wang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/248697/publications.pdf

Version: 2024-02-01

| | | 331670 | 580821 |
|---|---|---|---|
| 24 | 1,735 | 21 | 25 |
| papers | citations | h-index | g-index |

| | | | |
|---|---|---|---|
| 25 | 25 | 25 | 2836 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Advanced micro/nanocapsules for self-healing smart anticorrosion coatings. Journal of Materials Chemistry A, 2015, 3, 469-480. | 10.3 | 334 |
| 2 | Polymer nanocomposites for energy storage, energy saving, and anticorrosion. Journal of Materials Chemistry A, 2015, 3, 14929-14941. | 10.3 | 201 |
| 3 | Cellulose derived magnetic mesoporous carbon nanocomposites with enhanced hexavalent chromium removal. Journal of Materials Chemistry A, 2014, 2, 17454-17462. | 10.3 | 167 |
| 4 | Advanced asymmetric supercapacitors based on CNT@Ni(OH)<sub>2</sub> coreâ€“shell composites and 3D graphene networks. Journal of Materials Chemistry A, 2015, 3, 19545-19555. | 10.3 | 138 |
| 5 | Cr(<scp>vi</scp>) removal by magnetic carbon nanocomposites derived from cellulose at different carbonization temperatures. Journal of Materials Chemistry A, 2015, 3, 9817-9825. | 10.3 | 116 |
| 6 | Magnetic graphene oxide nanocomposites: nanoparticles growth mechanism and property analysis. Journal of Materials Chemistry C, 2014, 2, 9478-9488. | 5.5 | 92 |
| 7 | Multifunctional Carbon Nanostructures for Advanced Energy Storage Applications. Nanomaterials, 2015, 5, 755-777. | 4.1 | 73 |
| 8 | Reinforced magnetic epoxy nanocomposites with conductive polypyrrole nanocoating on nanomagnetite as a coupling agent. RSC Advances, 2014, 4, 36560. | 3.6 | 57 |
| 9 | Porous ternary TiO<sub>2</sub>/MnTiO<sub>3</sub>@C hybrid microspheres as anode materials with enhanced electrochemical performances. Journal of Materials Chemistry A, 2015, 3, 23895-23904. | 10.3 | 56 |
| 10 | Ultrafine FePd Nanoalloys Decorated Multiwalled Cabon Nanotubes toward Enhanced Ethanol Oxidation Reaction. ACS Applied Materials & Interfaces, 2015, 7, 23920-23931. | 8.0 | 56 |
| 11 | Electropolymerized polyaniline/manganese iron oxide hybrids with an enhanced color switching response and electrochemical energy storage. Journal of Materials Chemistry A, 2015, 3, 20778-20790. | 10.3 | 55 |
| 12 | Electrochemical energy storage by polyaniline nanofibers: high gravity assisted oxidative polymerization vs. rapid mixing chemical oxidative polymerization. Physical Chemistry Chemical Physics, 2015, 17, 1498-1502. | 2.8 | 55 |
| 13 | Carboxyl Multiwalled Carbonâ€Nanotubeâ€Stabilized Palladium Nanocatalysts toward Improved Methanol Oxidation Reaction. ChemElectroChem, 2015, 2, 559-570. | 3.4 | 49 |
| 14 | Electropolymerized Polypyrrole Nanocoatings on Carbon Paper for Electrochemical Energy Storage. ChemElectroChem, 2015, 2, 119-126. | 3.4 | 43 |
| 15 | Carbon coated manganese monoxide octahedron negative-electrode for lithium-ion batteries with enhanced performance. RSC Advances, 2015, 5, 34566-34571. | 3.6 | 39 |
| 16 | Dielectric properties and magnetoresistance behavior of polyaniline coated carbon fabrics. Journal of Materials Chemistry C, 2015, 3, 3989-3998. | 5.5 | 37 |
| 17 | Multiwalled Carbon Nanotubes Composited with Palladium Nanocatalysts for Highly Efficient Ethanol Oxidation. Journal of the Electrochemical Society, 2015, 162, F755-F763. | 2.9 | 36 |
| 18 | Multi-walled carbon nanotubes composited with nanomagnetite for anodes in lithium ion batteries. RSC Advances, 2015, 5, 7237-7244. | 3.6 | 34 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Enhanced Methanol Oxidation with Annealed Atomic Layer Deposited Platinum Nanoparticles on Carbon Nanotubes. Journal of the Electrochemical Society, 2016, 163, F1-F10. | 2.9 | 31 |
| 20 | Synergistic Interactions between Activated Carbon Fabrics and Toxic Hexavalent Chromium. ECS Journal of Solid State Science and Technology, 2014, 3, M1-M9. | 1.8 | 27 |
| 21 | Optimal Electrocatalytic Pd/MWNTs Nanocatalysts toward Formic Acid Oxidation. Electrochimica Acta, 2015, 184, 452-465. | 5.2 | 27 |
| 22 | Catalysis of Multiâ€walled Carbon Nanotubes Supported Pd<sub>x</sub>Co<sub>y</sub> Nanoparticles Prepared by a Pyrolysis Method Using Ionic Liquids as the Solvent toward Ethanol Oxidation Reaction. Journal of the Chinese Chemical Society, 2013, 60, 1135-1143. | 1.4 | 4 |
| 23 | Manipulating the dimensional assembly pattern and crystalline structures of iron oxide nanostructures with a functional polyolefin. Nanoscale, 2016, 8, 1915-1920. | 5.6 | 4 |
| 24 | Synthesis of Multifunctional Carbon Nanostructures. World Scientific Series on Carbon Nanoscience, 2015, , 89-126. | 0.1 | 2 |