# Chun-Li Wang

List of Publications by Year
in descending order

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| | | 8172 | 12585 |
|---|---|---|---|
| 546 | 25,490 | 76 | 132 |
| papers | citations | h-index | g-index |

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|---|---|---|---|
| 551 | 551 | 551 | 31647 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Mesoporous Silicaâ€Coated Gold Nanorods as a Lightâ€Mediated Multifunctional Theranostic Platform for Cancer Treatment. Advanced Materials, 2012, 24, 1418-1423. | 11.1 | 881 |
| 2 | Binding of blood proteins to carbon nanotubes reduces cytotoxicity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16968-16973. | 3.3 | 839 |
| 3 | Effect of aspect ratio and surface defects on the photocatalytic activity of ZnO nanorods. Scientific Reports, 2014, 4, 4596. | 1.6 | 761 |
| 4 | Surface chemistry and aspect ratio mediated cellular uptake of Au nanorods. Biomaterials, 2010, 31, 7606-7619. | 5.7 | 613 |
| 5 | Bismuth Sulfide Nanorods as a Precision Nanomedicine for in Vivo Multimodal Imaging-Guided Photothermal Therapy of Tumor. ACS Nano, 2015, 9, 696-707. | 7.3 | 503 |
| 6 | Selective Targeting of Gold Nanorods at the Mitochondria of Cancer Cells: Implications for Cancer Therapy. Nano Letters, 2011, 11, 772-780. | 4.5 | 475 |
| 7 | Metal Organic Frameworks Route to in Situ Insertion of Multiwalled Carbon Nanotubes in Co<sub>3</sub>O<sub>4</sub> Polyhedra as Anode Materials for Lithium-Ion Batteries. ACS Nano, 2015, 9, 1592-1599. | 7.3 | 462 |
| 8 | Cytotoxic Potential of Silver Nanoparticles. Yonsei Medical Journal, 2014, 55, 283. | 0.9 | 340 |
| 9 | Covalently Attached Liquids: Instant Omniphobic Surfaces with Unprecedented Repellency. Angewandte Chemie - International Edition, 2016, 55, 244-248. | 7.2 | 299 |
| 10 | Abnormally enhanced thermoelectric transport properties of SWNT/PANI hybrid films by the strengthened PANI molecular ordering. Energy and Environmental Science, 2014, 7, 3801-3807. | 15.6 | 285 |
| 11 | Surface-Engineered Gold Nanorods: Promising DNA Vaccine Adjuvant for HIV-1 Treatment. Nano Letters, 2012, 12, 2003-2012. | 4.5 | 282 |
| 12 | Controlling Assembly of Paired Gold Clusters within Apoferritin Nanoreactor for in Vivo Kidney Targeting and Biomedical Imaging. Journal of the American Chemical Society, 2011, 133, 8617-8624. | 6.6 | 258 |
| 13 | Use of Synchrotron Radiation-Analytical Techniques To Reveal Chemical Origin of Silver-Nanoparticle Cytotoxicity. ACS Nano, 2015, 9, 6532-6547. | 7.3 | 246 |
| 14 | Hierarchical NiFe<sub>2</sub>O<sub>4</sub>/Fe<sub>2</sub>O<sub>3</sub> nanotubes derived from metal organic frameworks for superior lithium ion battery anodes. Journal of Materials Chemistry A, 2014, 2, 8048-8053. | 5.2 | 240 |
| 15 | Revealing the Binding Structure of the Protein Corona on Gold Nanorods Using Synchrotron Radiation-Based Techniques: Understanding the Reduced Damage in Cell Membranes. Journal of the American Chemical Society, 2013, 135, 17359-17368. | 6.6 | 239 |
| 16 | PANI/graphene nanocomposite films with high thermoelectric properties by enhanced molecular ordering. Journal of Materials Chemistry A, 2015, 3, 7086-7092. | 5.2 | 224 |
| 17 | ZnCl<sub>2</sub> â€œWaterâ€inâ€Saltâ€Electrolyte Transforms the Performance of Vanadium Oxide as a Zn Battery Cathode. Advanced Functional Materials, 2019, 29, 1902653. | 7.8 | 213 |
| 18 | Full Assessment of Fate and Physiological Behavior of Quantum Dots Utilizing Caenorhabditis elegans as a Model Organism. Nano Letters, 2011, 11, 3174-3183. | 4.5 | 212 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Na<sub>3</sub>PSe<sub>4</sub>: A Novel Chalcogenide Solid Electrolyte with High Ionic Conductivity. Advanced Energy Materials, 2015, 5, 1501294. | 10.2 | 207 |
| 20 | A high-rate aqueous rechargeable zinc ion battery based on the VS<sub>4</sub>@rGO nanocomposite. Journal of Materials Chemistry A, 2018, 6, 23757-23765. | 5.2 | 196 |
| 21 | Carbon-Doped ZnO Nanostructures: Facile Synthesis and Visible Light Photocatalytic Applications. Journal of Physical Chemistry C, 2015, 119, 20544-20554. | 1.5 | 193 |
| 22 | Using Hollow Carbon Nanospheres as a Light-Induced Free Radical Generator To Overcome Chemotherapy Resistance. Journal of the American Chemical Society, 2015, 137, 1947-1955. | 6.6 | 182 |
| 23 | Phytic Acid-Assisted Formation of Hierarchical Porous CoP/C Nanoboxes for Enhanced Lithium Storage and Hydrogen Generation. ACS Nano, 2018, 12, 12238-12246. | 7.3 | 175 |
| 24 | Rapid Degradation and High Renal Clearance of Cu<sub>3</sub>BiS<sub>3</sub> Nanodots for Efficient Cancer Diagnosis and Photothermal Therapy in Vivo. ACS Nano, 2016, 10, 4587-4598. | 7.3 | 173 |
| 25 | Metalâ€“organic framework derived Fe<sub>2</sub>O<sub>3</sub>@NiCo<sub>2</sub>O<sub>4</sub> porous nanocages as anode materials for Li-ion batteries. Nanoscale, 2014, 6, 5509-5515. | 2.8 | 169 |
| 26 | Gd-metallofullerenol nanomaterial as non-toxic breast cancer stem cell-specific inhibitor. Nature Communications, 2015, 6, 5988. | 5.8 | 164 |
| 27 | Vacancyâ€Contained Tetragonal Na<sub>3</sub>SbS<sub>4</sub> Superionic Conductor. Advanced Science, 2016, 3, 1600089. | 5.6 | 163 |
| 28 | Liquidâ€Exfoliated Black Phosphorous Nanosheet Thin Films for Flexible Resistive Random Access Memory Applications. Advanced Functional Materials, 2016, 26, 2016-2024. | 7.8 | 161 |
| 29 | Intracellular dynamics of cationic and anionic polystyrene nanoparticles without direct interaction with mitotic spindle and chromosomes. Biomaterials, 2011, 32, 8291-8303. | 5.7 | 160 |
| 30 | Fast intracellular dissolution and persistent cellular uptake of silver nanoparticles in CHO-K1 cells: implication for cytotoxicity. Nanotoxicology, 2015, 9, 181-189. | 1.6 | 159 |
| 31 | Anisotropic giant magnetoresistance in NbSb2. Scientific Reports, 2014, 4, 7328. | 1.6 | 158 |
| 32 | Interaction of gold nanoparticles with proteins and cells. Science and Technology of Advanced Materials, 2015, 16, 034610. | 2.8 | 149 |
| 33 | Controlled Incorporation of Ni(OH)<sub>2</sub> Nanoplates Into Flowerlike MoS<sub>2</sub> Nanosheets for Flexible Allâ€Solidâ€State Supercapacitors. Advanced Functional Materials, 2014, 24, 6700-6707. | 7.8 | 145 |
| 34 | Surface chemistry of gold nanorods: origin of cell membrane damage and cytotoxicity. Nanoscale, 2013, 5, 8384. | 2.8 | 141 |
| 35 | Electrolyte Engineering Enables High Stability and Capacity Alloying Anodes for Sodium and Potassium Ion Batteries. ACS Energy Letters, 2020, 5, 766-776. | 8.8 | 134 |
| 36 | Meso-scale oriented simulation towards virtual process engineering (VPE)â€”The EMMS Paradigm. Chemical Engineering Science, 2011, 66, 4426-4458. | 1.9 | 130 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Novel Insights into Combating Cancer Chemotherapy Resistance Using a Plasmonic Nanocarrier: Enhancing Drug Sensitiveness and Accumulation Simultaneously with Localized Mild Photothermal Stimulus of Femtosecond Pulsed Laser. Advanced Functional Materials, 2014, 24, 4229-4239. | 7.8 | 130 |
| 38 | Graphdiyne Nanosheet-Based Drug Delivery Platform for Photothermal/Chemotherapy Combination Treatment of Cancer. ACS Applied Materials & Interfaces, 2018, 10, 8436-8442. | 4.0 | 130 |
| 39 | The synergic regulation of conductivity and Seebeck coefficient in pure polyaniline by chemically changing the ordered degree of molecular chains. Journal of Materials Chemistry A, 2014, 2, 2634-2640. | 5.2 | 126 |
| 40 | Formation of Moâ€“Polydopamine Hollow Spheres and Their Conversions to MoO<sub>2</sub>/C and Mo<sub>2</sub>C/C for Efficient Electrochemical Energy Storage and Catalyst. Small, 2017, 13, 1701246. | 5.2 | 126 |
| 41 | Nanosheets assembled layered MoS2/MXene as high performance anode materials for potassium ion batteries. Journal of Power Sources, 2020, 449, 227481. | 4.0 | 125 |
| 42 | Microstructure and mechanical properties of high performance Mgâ€“Gd based alloys. Materials & Design, 2009, 30, 292-296. | 5.1 | 122 |
| 43 | Interfacial Model Deciphering Highâ€Voltage Electrolytes for High Energy Density, High Safety, and Fastâ€Charging Lithiumâ€Ion Batteries. Advanced Materials, 2021, 33, e2102964. | 11.1 | 122 |
| 44 | Multiwall Carbon Nanotubes Mediate Macrophage Activation and Promote Pulmonary Fibrosis Through TGFâ€Î²/Smad Signaling Pathway. Small, 2013, 9, 3799-3811. | 5.2 | 121 |
| 45 | Large-scale DNS of gasâ€“solid flows on Mole-8.5. Chemical Engineering Science, 2012, 71, 422-430. | 1.9 | 120 |
| 46 | Morphologically Virusâ€Like Fullerenol Nanoparticles Act as the Dualâ€Functional Nanoadjuvant for HIVâ€1 Vaccine. Advanced Materials, 2013, 25, 5928-5936. | 11.1 | 120 |
| 47 | Large thermoelectric power factor in polyaniline/graphene nanocomposite films prepared by solution-assistant dispersing method. Journal of Materials Chemistry A, 2014, 2, 11107. | 5.2 | 120 |
| 48 | Two-dimensional Dirac fermions and quantum magnetoresistance in CaMnBi<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>. Physical Review B, 2012, 85, . | 1.1 | 114 |
| 49 | The contributions of metal impurities and tube structure to the toxicity of carbon nanotube materials. NPG Asia Materials, 2012, 4, e32-e32. | 3.8 | 112 |
| 50 | High aspect ratio Î³-MnOOH nanowires for high performance rechargeable nonaqueous lithiumâ€“oxygen batteries. Chemical Communications, 2012, 48, 7598. | 2.2 | 109 |
| 51 | RGO/Co 3 O 4 Composites Prepared Using GO-MOFs as Precursor for Advanced Lithium-ion Batteries and Supercapacitors Electrodes. Electrochimica Acta, 2016, 215, 410-419. | 2.6 | 109 |
| 52 | Characterization of gold nanorods in vivo by integrated analytical techniques: their uptake, retention, and chemical forms. Analytical and Bioanalytical Chemistry, 2010, 396, 1105-1114. | 1.9 | 108 |
| 53 | Atmospheric Oxidation Mechanism of Toluene. Journal of Physical Chemistry A, 2014, 118, 4533-4547. | 1.1 | 105 |
| 54 | Selenium Nanoparticles as an Efficient Nanomedicine for the Therapy of Huntingtonâ€™s Disease. ACS Applied Materials & Interfaces, 2019, 11, 34725-34735. | 4.0 | 101 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Formation of Highly Oxidized Radicals and Multifunctional Products from the Atmospheric Oxidation of Alkylbenzenes. Environmental Science & Technology, 2017, 51, 8442-8449. | 4.6 | 99 |
| 56 | Unraveling the New Role of an Ethylene Carbonate Solvation Shell in Rechargeable Metal Ion Batteries. ACS Energy Letters, 2021, 6, 69-78. | 8.8 | 99 |
| 57 | Metal-Organic Framework Template Synthesis of NiCo<sub>2</sub>S<sub>4</sub>@C Encapsulated in Hollow Nitrogen-Doped Carbon Cubes with Enhanced Electrochemical Performance for Lithium Storage. ACS Applied Materials & Interfaces, 2017, 9, 18178-18186. | 4.0 | 98 |
| 58 | An Empirical Model for the Design of Batteries with High Energy Density. ACS Energy Letters, 2020, 5, 807-816. | 8.8 | 97 |
| 59 | Polyhydroxylated Metallofullerenols Stimulate ILâ€1Î² Secretion of Macrophage through TLRs/MyD88/NFâ€ÎºB Pathway and NLRP<sub>3</sub> Inflammasome Activation. Small, 2014, 10, 2362-2372. | 5.2 | 96 |
| 60 | Electrolyteâ€Mediated Stabilization of Highâ€Capacity Microâ€Sized Antimony Anodes for Potassiumâ€Ion Batteries. Advanced Materials, 2021, 33, e2005993. | 11.1 | 96 |
| 61 | Stabilizing effects of atomic Ti doping on high-voltage high-nickel layered oxide cathode for lithium-ion rechargeable batteries. Nano Research, 2022, 15, 4091-4099. | 5.8 | 96 |
| 62 | Sb nanoparticles encapsulated into porous carbon matrixes for high-performance lithium-ion battery anodes. Journal of Power Sources, 2016, 331, 16-21. | 4.0 | 91 |
| 63 | Argyrodite Solid Electrolyte with a Stable Interface and Superior Dendrite Suppression Capability Realized by ZnO Co-Doping. ACS Applied Materials & Interfaces, 2019, 11, 40808-40816. | 4.0 | 89 |
| 64 | Self-assembled large-area Co(OH)2 nanosheets/ionic liquid modified graphene heterostructures toward enhanced energy storage. Journal of Materials Chemistry, 2012, 22, 3404. | 6.7 | 88 |
| 65 | Model-Based Design of Graphite-Compatible Electrolytes in Potassium-Ion Batteries. ACS Energy Letters, 2020, 5, 2651-2661. | 8.8 | 88 |
| 66 | SnO<sub>2</sub> Quantum Dots: Rational Design to Achieve Highly Reversible Conversion Reaction and Stable Capacities for Lithium and Sodium Storage. Small, 2020, 16, e2000681. | 5.2 | 87 |
| 67 | Immobilized Ferrous Ion and Glucose Oxidase on Graphdiyne and Its Application on One-Step Glucose Detection. ACS Applied Materials & Interfaces, 2019, 11, 2647-2654. | 4.0 | 86 |
| 68 | Unique Co<sub>3</sub>O<sub>4</sub>/nitrogen-doped carbon nanospheres derived from metalâ€“organic framework: insight into their superior lithium storage capabilities and electrochemical features in high-voltage batteries. Journal of Materials Chemistry A, 2018, 6, 12466-12474. | 5.2 | 85 |
| 69 | Engineered Graphene Oxide Nanocomposite Capable of Preventing the Evolution of Antimicrobial Resistance. ACS Nano, 2019, 13, 11488-11499. | 7.3 | 84 |
| 70 | Immunological Responses Induced by Blood Protein Coronas on Two-Dimensional MoS<sub>2</sub> Nanosheets. ACS Nano, 2020, 14, 5529-5542. | 7.3 | 82 |
| 71 | Evidence of Formation of Bicyclic Species in the Early Stages of Atmospheric Benzene Oxidation. Journal of Physical Chemistry A, 2009, 113, 5385-5396. | 1.1 | 80 |
| 72 | Inhibitory Effect of Cinnamaldehyde, Citral, and Eugenol on Aflatoxin Biosynthetic Gene Expression and Aflatoxin B<sub>1</sub> Biosynthesis in Aspergillus flavus. Journal of Food Science, 2015, 80, M2917-24. | 1.5 | 79 |

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| 73 | Synthesis of rhombic hierarchical YF3 nanocrystals and their use as upconversion photocatalysts after TiO2 coating. Nanoscale, 2013, 5, 3030. | 2.8 | 78 |
| 74 | CuO Nanorod Arrays Formed Directly on Cu Foil from MOFs as Superior Binder-Free Anode Material for Lithium-Ion Batteries. ACS Energy Letters, 2017, 2, 1564-1570. | 8.8 | 78 |
| 75 | Unraveling Metal Oxide Role in Exfoliating Graphite: New Strategy to Construct Highâ€Performance Grapheneâ€Modified SiO<sub>x</sub>â€Based Anode for Lithiumâ€Ion Batteries. Advanced Functional Materials, 2020, 30, 1910657. | 7.8 | 78 |
| 76 | Engineering Sodium-Ion Solvation Structure to Stabilize Sodium Anodes: Universal Strategy for Fast-Charging and Safer Sodium-Ion Batteries. Nano Letters, 2020, 20, 3247-3254. | 4.5 | 78 |
| 77 | Selective metabolic effects of gold nanorods on normal and cancer cells and their application in anticancer drug screening. Biomaterials, 2013, 34, 7117-7126. | 5.7 | 77 |
| 78 | Additives Engineered Nonflammable Electrolyte for Safer Potassium Ion Batteries. Advanced Functional Materials, 2020, 30, 2001934. | 7.8 | 77 |
| 79 | Tunable Wettability and Rewritable Wettability Gradient from Superhydrophilicity to Superhydrophobicity. Langmuir, 2010, 26, 12203-12208. | 1.6 | 76 |
| 80 | FeS2@C nanowires derived from organic-inorganic hybrid nanowires for high-rate and long-life lithium-ion batteries. Journal of Power Sources, 2016, 328, 56-64. | 4.0 | 76 |
| 81 | Facile fabrication of SnO<sub>2</sub>@TiO<sub>2</sub> coreâ€“shell structures as anode materials for lithium-ion batteries. Journal of Materials Chemistry A, 2016, 4, 12850-12857. | 5.2 | 76 |
| 82 | Hierarchical Porous Te@ZnCo<sub>2</sub>O<sub>4</sub> Nanofibers Derived from Te@Metalâ€Organic Frameworks for Superior Lithium Storage Capability. Advanced Functional Materials, 2017, 27, 1604941. | 7.8 | 76 |
| 83 | Controllable fabrication of C/Sn and C/SnO/Sn composites as anode materials for high-performance lithium-ion batteries. Chemical Engineering Journal, 2017, 330, 1035-1043. | 6.6 | 76 |
| 84 | Au@Pt nanostructures: a novel photothermal conversion agent for cancer therapy. Nanoscale, 2014, 6, 3670. | 2.8 | 71 |
| 85 | Model-Based Design of Stable Electrolytes for Potassium Ion Batteries. ACS Energy Letters, 2020, 5, 3124-3131. | 8.8 | 71 |
| 86 | Microstructures and tensile properties of Mgâ€“8Gdâ€“0.6Zrâ€“xNdâ€“yY (x+y=3, mass%) alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 433, 133-138. | 2.6 | 70 |
| 87 | A novel immunochromatographic electrochemical biosensor for highly sensitive and selective detection of trichloropyridinol, a biomarker of exposure to chlorpyrifos. Biosensors and Bioelectronics, 2011, 26, 2835-2840. | 5.3 | 70 |
| 88 | Coreâ€“Shell NiFe<sub>2</sub>O<sub>4</sub>@TiO<sub>2</sub> Nanorods: An Anode Material with Enhanced Electrochemical Performance for Lithiumâ€Ion Batteries. Chemistry - A European Journal, 2014, 20, 11214-11219. | 1.7 | 70 |
| 89 | Gadolinium(III)-Chelated Silica Nanospheres Integrating Chemotherapy and Photothermal Therapy for Cancer Treatment and Magnetic Resonance Imaging. ACS Applied Materials & Interfaces, 2015, 7, 25014-25023. | 4.0 | 70 |
| 90 | Inhibition of Cancer Cell Migration by Gold Nanorods: Molecular Mechanisms and Implications for Cancer Therapy. Advanced Functional Materials, 2014, 24, 6922-6932. | 7.8 | 69 |

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| 91 | Effect of Y on microstructure and mechanical properties of duplex Mgâ€“7Li alloys. Journal of Alloys and Compounds, 2010, 506, 468-474. | 2.8 | 68 |
| 92 | Snâ€based Intermetallic Compounds for Liâ€ion Batteries: Structures, Lithiation Mechanism, and Electrochemical Performances. Energy and Environmental Materials, 2018, 1, 132-147. | 7.3 | 68 |
| 93 | Controlled construction of hierarchical Co<sub>1â^'x</sub>S structures as high performance anode materials for lithium ion batteries. CrystEngComm, 2014, 16, 814-819. | 1.3 | 66 |
| 94 | Coated/Sandwiched rGO/CoS<sub>x</sub> Composites Derived from Metalâ€“Organic Frameworks/GO as Advanced Anode Materials for Lithiumâ€ion Batteries. Chemistry - A European Journal, 2016, 22, 1467-1474. | 1.7 | 66 |
| 95 | Largeâ€Scale Fabrication of Coreâ€“Shell Structured C/SnO<sub>2</sub> Hollow Spheres as Anode Materials with Improved Lithium Storage Performance. Small, 2017, 13, 1701993. | 5.2 | 66 |
| 96 | Emerging Potassiumâ€ion Hybrid Capacitors. ChemSusChem, 2020, 13, 5837-5862. | 3.6 | 65 |
| 97 | Gdâ€“Metallofullerenol Nanomaterial Suppresses Pancreatic Cancer Metastasis by Inhibiting the Interaction of Histone Deacetylase 1 and Metastasis-Associated Protein 1. ACS Nano, 2015, 9, 6826-6836. | 7.3 | 64 |
| 98 | Two-step oxidation of bulk Sb to one-dimensional Sb2O4 submicron-tubes as advanced anode materials for lithium-ion and sodium-ion batteries. Chemical Engineering Journal, 2017, 315, 101-107. | 6.6 | 64 |
| 99 | Highly selective fluorescence turn-on chemosensor based on naphthalimide derivatives for detection of copper(II) ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 105, 57-61. | 2.0 | 63 |
| 100 | Fabrication of Surfaces with Extremely High Contact Angle Hysteresis from Polyelectrolyte Multilayer. Langmuir, 2011, 27, 15299-15304. | 1.6 | 62 |
| 101 | A bare-eye-based lateral flow immunoassay based on the use of gold nanoparticles for simultaneous detection of three pesticides. Mikrochimica Acta, 2014, 181, 1565-1572. | 2.5 | 61 |
| 102 | Silver nanoparticles impede phorbol myristate acetate-induced monocyteâ€“macrophage differentiation and autophagy. Nanoscale, 2015, 7, 16100-16109. | 2.8 | 61 |
| 103 | Atmospheric oxidation mechanism of naphthalene initiated by OH radical. A theoretical study. Physical Chemistry Chemical Physics, 2012, 14, 2645. | 1.3 | 60 |
| 104 | General and facile method to fabricate uniform Y2O3:Ln3+ (Ln3+ = Eu3+, Tb3+) hollow microspheres using polystyrene spheres as templates. Journal of Materials Chemistry, 2012, 22, 21695. | 6.7 | 59 |
| 105 | Inhibitory effects of multiwall carbon nanotubes with high iron impurity on viability and neuronal differentiation in cultured PC12 cells. Toxicology, 2013, 313, 49-58. | 2.0 | 59 |
| 106 | Electron-hole asymmetry, Dirac fermions, and quantum magnetoresistance in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>BaMnBi</mml:mi><mml:mn>2</mml:mn></mml:msub></ Physical Review B, 2016, 93, . | 1.1 | 59 |
| 107 | Stability of Ligands on Nanoparticles Regulating the Integrity of Biological Membranes at the Nanoâ€“Lipid Interface. ACS Nano, 2019, 13, 8680-8693. | 7.3 | 59 |
| 108 | Superhydrophobic SERS substrates based on silver dendrite-decorated filter paper for trace detection of nitenpyram. Analytica Chimica Acta, 2019, 1049, 170-178. | 2.6 | 59 |

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|---|---|---|---|
| 109 | The dose-dependent toxicological effects and potential perturbation on the neurotransmitter secretion in brain following intranasal instillation of copper nanoparticles. Nanotoxicology, 2012, 6, 562-575. | 1.6 | 58 |
| 110 | Magnetic states of the two-leg-ladder alkali metal iron selenides<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>A</mml:mi></mml:math>Fe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>Se<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mml: | 1.1 | 58 |
| 111 | Atmospheric Oxidation Mechanism of m-Xylene Initiated by OH Radical. Journal of Physical Chemistry A, 2014, 118, 10778-10787. | 1.1 | 58 |
| 112 | Hierarchical N-doped carbon nanosheets submicrospheres enable superior electrochemical properties for potassium ion capacitors. Journal of Power Sources, 2020, 469, 228415. | 4.0 | 57 |
| 113 | Sodium doping derived electromagnetic center of lithium layered oxide cathode materials with enhanced lithium storage. Nano Energy, 2022, 94, 106900. | 8.2 | 57 |
| 114 | Detection of Nitrous Acid by Cavity Ring-Down Spectroscopy. Environmental Science & Technology, 2000, 34, 4221-4227. | 4.6 | 56 |
| 115 | Pulmonary responses to printer toner particles in mice after intratracheal instillation. Toxicology Letters, 2010, 199, 288-300. | 0.4 | 56 |
| 116 | Chemiluminescence Reaction Kinetics-Resolved Multianalyte Immunoassay Strategy Using a Bispecific Monoclonal Antibody as the Unique Recognition Reagent. Analytical Chemistry, 2015, 87, 2952-2958. | 3.2 | 56 |
| 117 | Structure and mechanical properties of extruded Mgâ€“Gd based alloy sheet. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2009, 520, 162-167. | 2.6 | 55 |
| 118 | Direct numerical simulation of particleâ€“fluid systems by combining time-driven hard-sphere model and lattice Boltzmann method. Particuology, 2010, 8, 379-382. | 2.0 | 55 |
| 119 | Preparation and characterization of MnFe2O4 in the solvothermal process: Their magnetism and electrochemical properties. Materials Research Bulletin, 2013, 48, 2511-2516. | 2.7 | 55 |
| 120 | Facile synthesis of symmetric bundle-like Sb<sub>2</sub>S<sub>3</sub> micron-structures and their application in lithium-ion battery anodes. Chemical Communications, 2016, 52, 7691-7694. | 2.2 | 55 |
| 121 | Aflatoxin B 1 inhibition in Aspergillus flavus by Aspergillus niger through down-regulating expression of major biosynthetic genes and AFB 1 degradation by atoxigenic A . flavus. International Journal of Food Microbiology, 2017, 256, 1-10. | 2.1 | 54 |
| 122 | Facile synthesis of CuS/rGO composite with enhanced electrochemical lithium-storage properties through microwave-assisted hydrothermal method. Electrochimica Acta, 2016, 203, 238-245. | 2.6 | 53 |
| 123 | Fast and Energy Efficient Synthesis of ZnO@RGO and its Application in Niâ€“Zn Secondary Battery. Journal of Physical Chemistry C, 2016, 120, 12337-12343. | 1.5 | 53 |
| 124 | Self-Healing Superhydrophobic Materials Showing Quick Damage Recovery and Long-Term Durability. Langmuir, 2017, 33, 9972-9978. | 1.6 | 53 |
| 125 | Sulfur-Mediated Interface Engineering Enables Fast SnS Nanosheet Anodes for Advanced Lithium/Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 25786-25797. | 4.0 | 53 |
| 126 | Short Multiwall Carbon Nanotubes Promote Neuronal Differentiation of PC12 Cells via Upâ€Regulation of the Neurotrophin Signaling Pathway. Small, 2013, 9, 1786-1798. | 5.2 | 52 |

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|---|---|---|---|
| 127 | Enhanced electrochemical performances of FeO<sub>x</sub>â€“graphene nanocomposites as anode materials for alkaline nickelâ€“iron batteries. RSC Advances, 2014, 4, 15394-15399. | 1.7 | 52 |
| 128 | Freestanding MnO2@carbon papers air electrodes for rechargeable Li-O2 batteries. Journal of Power Sources, 2014, 261, 311-316. | 4.0 | 52 |
| 129 | New Mechanism for the Atmospheric Oxidation of Dimethyl Sulfide. The Importance of Intramolecular Hydrogen Shift in a CH<sub>3</sub>SCH<sub>2</sub>OO Radical. Journal of Physical Chemistry A, 2015, 119, 112-117. | 1.1 | 52 |
| 130 | Unravel the Catalytic Effect of Two-Dimensional Metal Sulfides on Polysulfide Conversions for Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 43560-43567. | 4.0 | 52 |
| 131 | Solvothermal synthesis of GO/V<sub>2</sub>O<sub>5</sub> composites as a cathode material for rechargeable magnesium batteries. RSC Advances, 2015, 5, 76352-76355. | 1.7 | 51 |
| 132 | Facile synthesis of one-dimensional hollow Sb2O3@TiO2 composites as anode materials for lithium ion batteries. Journal of Power Sources, 2018, 389, 214-221. | 4.0 | 51 |
| 133 | Elucidating the Nature of the Cu(I) Active Site in CuO/TiO<sub>2</sub> for Excellent Low-Temperature CO Oxidation. ACS Applied Materials & Interfaces, 2020, 12, 7091-7101. | 4.0 | 51 |
| 134 | Effects of cerium on the microstructure and mechanical properties of Mgâ€“20Znâ€“8Al alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 474, 317-322. | 2.6 | 50 |
| 135 | Mapping of Daily Mean Air Temperature in Agricultural Regions Using Daytime and Nighttime Land Surface Temperatures Derived from TERRA and AQUA MODIS Data. Remote Sensing, 2015, 7, 8728-8756. | 1.8 | 50 |
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