

Chun-Li Wang

List of Publications by Year in descending order

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546
papers

25,490
citations

8181

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12597

132
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551
all docs

551
docs citations

551
times ranked

31647
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesoporous Silica-Coated Gold Nanorods as a Light-Mediated Multifunctional Theranostic Platform for Cancer Treatment. <i>Advanced Materials</i> , 2012, 24, 1418-1423.	21.0	881
2	Binding of blood proteins to carbon nanotubes reduces cytotoxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16968-16973.	7.1	839
3	Effect of aspect ratio and surface defects on the photocatalytic activity of ZnO nanorods. <i>Scientific Reports</i> , 2014, 4, 4596.	3.3	761
4	Surface chemistry and aspect ratio mediated cellular uptake of Au nanorods. <i>Biomaterials</i> , 2010, 31, 7606-7619.	11.4	613
5	Bismuth Sulfide Nanorods as a Precision Nanomedicine for <i>in Vivo</i> Multimodal Imaging-Guided Photothermal Therapy of Tumor. <i>ACS Nano</i> , 2015, 9, 696-707.	14.6	503
6	Selective Targeting of Gold Nanorods at the Mitochondria of Cancer Cells: Implications for Cancer Therapy. <i>Nano Letters</i> , 2011, 11, 772-780.	9.1	475
7	Metal Organic Frameworks Route to <i>in Situ</i> Insertion of Multiwalled Carbon Nanotubes in Co_3O_4 Polyhedra as Anode Materials for Lithium-Ion Batteries. <i>ACS Nano</i> , 2015, 9, 1592-1599.	14.6	462
8	Cytotoxic Potential of Silver Nanoparticles. <i>Yonsei Medical Journal</i> , 2014, 55, 283.	2.2	340
9	Covalently Attached Liquids: Instant Omniphobic Surfaces with Unprecedented Repellency. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 244-248.	13.8	299
10	Abnormally enhanced thermoelectric transport properties of SWNT/PANI hybrid films by the strengthened PANI molecular ordering. <i>Energy and Environmental Science</i> , 2014, 7, 3801-3807.	30.8	285
11	Surface-Engineered Gold Nanorods: Promising DNA Vaccine Adjuvant for HIV-1 Treatment. <i>Nano Letters</i> , 2012, 12, 2003-2012.	9.1	282
12	Controlling Assembly of Paired Gold Clusters within Apoferritin Nanoreactor for <i>in Vivo</i> Kidney Targeting and Biomedical Imaging. <i>Journal of the American Chemical Society</i> , 2011, 133, 8617-8624.	13.7	258
13	Use of Synchrotron Radiation-Analytical Techniques To Reveal Chemical Origin of Silver-Nanoparticle Cytotoxicity. <i>ACS Nano</i> , 2015, 9, 6532-6547.	14.6	246
14	Hierarchical $\text{NiFe}_2\text{O}_4/\text{Fe}_2\text{O}_3$ nanotubes derived from metal organic frameworks for superior lithium ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8048-8053.	10.3	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. <i>Journal of the American Chemical Society</i> , 2013, 135, 17359-17368.	13.7	239
16	PANI/graphene nanocomposite films with high thermoelectric properties by enhanced molecular ordering. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7086-7092.	10.3	224
17	$\text{ZnCl}_2 \cdot 6\text{H}_2\text{O}$ Electrolyte Transforms the Performance of Vanadium Oxide as a Zn Battery Cathode. <i>Advanced Functional Materials</i> , 2019, 29, 1902653.	14.9	213
18	Full Assessment of Fate and Physiological Behavior of Quantum Dots Utilizing <i>Caenorhabditis elegans</i> as a Model Organism. <i>Nano Letters</i> , 2011, 11, 3174-3183.	9.1	212

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19	Na ₃ PSe ₄ : A Novel Chalcogenide Solid Electrolyte with High Ionic Conductivity. <i>Advanced Energy Materials</i> , 2015, 5, 1501294.	19.5	207
20	A high-rate aqueous rechargeable zinc ion battery based on the VS ₄ @rGO nanocomposite. <i>Journal of Materials Chemistry A</i> , 2018, 6, 23757-23765.	10.3	196
21	Carbon-Doped ZnO Nanostructures: Facile Synthesis and Visible Light Photocatalytic Applications. <i>Journal of Physical Chemistry C</i> , 2015, 119, 20544-20554.	3.1	193
22	Using Hollow Carbon Nanospheres as a Light-Induced Free Radical Generator To Overcome Chemotherapy Resistance. <i>Journal of the American Chemical Society</i> , 2015, 137, 1947-1955.	13.7	182
23	Phytic Acid-Assisted Formation of Hierarchical Porous CoP/C Nanoboxes for Enhanced Lithium Storage and Hydrogen Generation. <i>ACS Nano</i> , 2018, 12, 12238-12246.	14.6	175
24	Rapid Degradation and High Renal Clearance of Cu ₃ BiS ₃ Nanodots for Efficient Cancer Diagnosis and Photothermal Therapy <i>in Vivo</i> . <i>ACS Nano</i> , 2016, 10, 4587-4598.	14.6	173
25	Metal-organic framework derived Fe ₂ O ₃ @NiCo ₂ O ₄ porous nanocages as anode materials for Li-ion batteries. <i>Nanoscale</i> , 2014, 6, 5509-5515.	5.6	169
26	Gd-metallofullerenol nanomaterial as non-toxic breast cancer stem cell-specific inhibitor. <i>Nature Communications</i> , 2015, 6, 5988.	12.8	164
27	Vacancy-Contained Tetragonal Na ₃ SbS ₄ Superionic Conductor. <i>Advanced Science</i> , 2016, 3, 1600089.	11.2	163
28	Liquid-Exfoliated Black Phosphorous Nanosheet Thin Films for Flexible Resistive Random Access Memory Applications. <i>Advanced Functional Materials</i> , 2016, 26, 2016-2024.	14.9	161
29	Intracellular dynamics of cationic and anionic polystyrene nanoparticles without direct interaction with mitotic spindle and chromosomes. <i>Biomaterials</i> , 2011, 32, 8291-8303.	11.4	160
30	Fast intracellular dissolution and persistent cellular uptake of silver nanoparticles in CHO-K1 cells: implication for cytotoxicity. <i>Nanotoxicology</i> , 2015, 9, 181-189.	3.0	159
31	Anisotropic giant magnetoresistance in NbSb ₂ . <i>Scientific Reports</i> , 2014, 4, 7328.	3.3	158
32	Interaction of gold nanoparticles with proteins and cells. <i>Science and Technology of Advanced Materials</i> , 2015, 16, 034610.	6.1	149
33	Controlled Incorporation of Ni(OH) ₂ Nanoplates Into Flowerlike MoS ₂ Nanosheets for Flexible All-Solid-State Supercapacitors. <i>Advanced Functional Materials</i> , 2014, 24, 6700-6707.	14.9	145
34	Surface chemistry of gold nanorods: origin of cell membrane damage and cytotoxicity. <i>Nanoscale</i> , 2013, 5, 8384.	5.6	141
35	Electrolyte Engineering Enables High Stability and Capacity Alloying Anodes for Sodium and Potassium Ion Batteries. <i>ACS Energy Letters</i> , 2020, 5, 766-776.	17.4	134
36	Meso-scale oriented simulation towards virtual process engineering (VPE)-The EMMS Paradigm. <i>Chemical Engineering Science</i> , 2011, 66, 4426-4458.	3.8	130

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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. <i>Advanced Functional Materials</i> , 2014, 24, 4229-4239.	14.9	130
38	Graphdiyne Nanosheet-Based Drug Delivery Platform for Photothermal/Chemotherapy Combination Treatment of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8436-8442.	8.0	130
39	The synergic regulation of conductivity and Seebeck coefficient in pure polyaniline by chemically changing the ordered degree of molecular chains. <i>Journal of Materials Chemistry A</i> , 2014, 2, 2634-2640.	10.3	126
40	Formation of Mo ²⁺ -Polydopamine Hollow Spheres and Their Conversions to Mo ₂ /C and Mo ₂ C/C for Efficient Electrochemical Energy Storage and Catalyst. <i>Small</i> , 2017, 13, 1701246.	10.0	126
41	Nanosheets assembled layered MoS ₂ /MXene as high performance anode materials for potassium ion batteries. <i>Journal of Power Sources</i> , 2020, 449, 227481.	7.8	125
42	Microstructure and mechanical properties of high performance Mg-Gd based alloys. <i>Materials & Design</i> , 2009, 30, 292-296.	5.1	122
43	Interfacial Model Deciphering High Voltage Electrolytes for High Energy Density, High Safety, and Fast Charging Lithium-ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2102964.	21.0	122
44	Multiwall Carbon Nanotubes Mediate Macrophage Activation and Promote Pulmonary Fibrosis Through TGF- β ² /Smad Signaling Pathway. <i>Small</i> , 2013, 9, 3799-3811.	10.0	121
45	Large-scale DNS of gas-solid flows on Mole-8.5. <i>Chemical Engineering Science</i> , 2012, 71, 422-430.	3.8	120
46	Morphologically Virus-Like Fullerenol Nanoparticles Act as the Dual-Functional Nanoadjuvant for HIV-1 Vaccine. <i>Advanced Materials</i> , 2013, 25, 5928-5936.	21.0	120
47	Large thermoelectric power factor in polyaniline/graphene nanocomposite films prepared by solution-assistant dispersing method. <i>Journal of Materials Chemistry A</i> , 2014, 2, 11107.	10.3	120
48	Two-dimensional Dirac fermions and quantum magnetoresistance in CaMnBi ₂ . <i>Physical Review B</i> , 2012, 85, .	3.2	114
49	The contributions of metal impurities and tube structure to the toxicity of carbon nanotube materials. <i>NPG Asia Materials</i> , 2012, 4, e32-e32.	7.9	112
50	High aspect ratio γ -MnOOH nanowires for high performance rechargeable nonaqueous lithium-oxygen batteries. <i>Chemical Communications</i> , 2012, 48, 7598.	4.1	109
51	RGO/Co ₃ O ₄ Composites Prepared Using GO-MOFs as Precursor for Advanced Lithium-ion Batteries and Supercapacitors Electrodes. <i>Electrochimica Acta</i> , 2016, 215, 410-419.	5.2	109
52	Characterization of gold nanorods in vivo by integrated analytical techniques: their uptake, retention, and chemical forms. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 1105-1114.	3.7	108
53	Atmospheric Oxidation Mechanism of Toluene. <i>Journal of Physical Chemistry A</i> , 2014, 118, 4533-4547.	2.5	105
54	Selenium Nanoparticles as an Efficient Nanomedicine for the Therapy of Huntington's Disease. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34725-34735.	8.0	101

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55	Formation of Highly Oxidized Radicals and Multifunctional Products from the Atmospheric Oxidation of Alkylbenzenes. <i>Environmental Science & Technology</i> , 2017, 51, 8442-8449.	10.0	99
56	Unraveling the New Role of an Ethylene Carbonate Solvation Shell in Rechargeable Metal Ion Batteries. <i>ACS Energy Letters</i> , 2021, 6, 69-78.	17.4	99
57	Metal-Organic Framework Template Synthesis of NiCo ₂ S ₄ @C Encapsulated in Hollow Nitrogen-Doped Carbon Cubes with Enhanced Electrochemical Performance for Lithium Storage. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18178-18186.	8.0	98
58	An Empirical Model for the Design of Batteries with High Energy Density. <i>ACS Energy Letters</i> , 2020, 5, 807-816.	17.4	97
59	Polyhydroxylated Metallofullerenols Stimulate IL β Secretion of Macrophage through TLRs/MyD88/NF κ B Pathway and NLRP ₃ Inflammasome Activation. <i>Small</i> , 2014, 10, 2362-2372.	10.0	96
60	Electrolyte-Mediated Stabilization of High-Capacity Micro-Sized Antimony Anodes for Potassium-Ion Batteries. <i>Advanced Materials</i> , 2021, 33, e2005993.	21.0	96
61	Stabilizing effects of atomic Ti doping on high-voltage high-nickel layered oxide cathode for lithium-ion rechargeable batteries. <i>Nano Research</i> , 2022, 15, 4091-4099.	10.4	96
62	Sb nanoparticles encapsulated into porous carbon matrixes for high-performance lithium-ion battery anodes. <i>Journal of Power Sources</i> , 2016, 331, 16-21.	7.8	91
63	Argyrodite Solid Electrolyte with a Stable Interface and Superior Dendrite Suppression Capability Realized by ZnO Co-Doping. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 40808-40816.	8.0	89
64	Self-assembled large-area Co(OH) ₂ nanosheets/ionic liquid modified graphene heterostructures toward enhanced energy storage. <i>Journal of Materials Chemistry</i> , 2012, 22, 3404.	6.7	88
65	Model-Based Design of Graphite-Compatible Electrolytes in Potassium-Ion Batteries. <i>ACS Energy Letters</i> , 2020, 5, 2651-2661.	17.4	88
66	SnO ₂ Quantum Dots: Rational Design to Achieve Highly Reversible Conversion Reaction and Stable Capacities for Lithium and Sodium Storage. <i>Small</i> , 2020, 16, e2000681.	10.0	87
67	Immobilized Ferrous Ion and Glucose Oxidase on Graphdiyne and Its Application on One-Step Glucose Detection. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2647-2654.	8.0	86
68	Unique Co ₃ O ₄ /nitrogen-doped carbon nanospheres derived from metal-organic framework: insight into their superior lithium storage capabilities and electrochemical features in high-voltage batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 12466-12474.	10.3	85
69	Engineered Graphene Oxide Nanocomposite Capable of Preventing the Evolution of Antimicrobial Resistance. <i>ACS Nano</i> , 2019, 13, 11488-11499.	14.6	84
70	Immunological Responses Induced by Blood Protein Coronas on Two-Dimensional MoS ₂ Nanosheets. <i>ACS Nano</i> , 2020, 14, 5529-5542.	14.6	82
71	Evidence of Formation of Bicyclic Species in the Early Stages of Atmospheric Benzene Oxidation. <i>Journal of Physical Chemistry A</i> , 2009, 113, 5385-5396.	2.5	80
72	Inhibitory Effect of Cinnamaldehyde, Citral, and Eugenol on Aflatoxin Biosynthetic Gene Expression and Aflatoxin B ₁ Biosynthesis in <i>Aspergillus flavus</i> . <i>Journal of Food Science</i> , 2015, 80, M2917-24.	3.1	79

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73	Synthesis of rhombic hierarchical YF ₃ nanocrystals and their use as upconversion photocatalysts after TiO ₂ coating. <i>Nanoscale</i> , 2013, 5, 3030.	5.6	78
74	CuO Nanorod Arrays Formed Directly on Cu Foil from MOFs as Superior Binder-Free Anode Material for Lithium-Ion Batteries. <i>ACS Energy Letters</i> , 2017, 2, 1564-1570.	17.4	78
75	Unraveling Metal Oxide Role in Exfoliating Graphite: New Strategy to Construct High-Performance Graphene-Modified SiO _x -Based Anode for Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 1910657.	14.9	78
76	Engineering Sodium-Ion Solvation Structure to Stabilize Sodium Anodes: Universal Strategy for Fast-Charging and Safer Sodium-Ion Batteries. <i>Nano Letters</i> , 2020, 20, 3247-3254.	9.1	78
77	Selective metabolic effects of gold nanorods on normal and cancer cells and their application in anticancer drug screening. <i>Biomaterials</i> , 2013, 34, 7117-7126.	11.4	77
78	Additives Engineered Nonflammable Electrolyte for Safer Potassium Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2001934.	14.9	77
79	Tunable Wettability and Rewritable Wettability Gradient from Superhydrophilicity to Superhydrophobicity. <i>Langmuir</i> , 2010, 26, 12203-12208.	3.5	76
80	FeS ₂ @C nanowires derived from organic-inorganic hybrid nanowires for high-rate and long-life lithium-ion batteries. <i>Journal of Power Sources</i> , 2016, 328, 56-64.	7.8	76
81	Facile fabrication of SnO ₂ @TiO ₂ core-shell structures as anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 12850-12857.	10.3	76
82	Hierarchical Porous Te@ZnCo ₂ O ₄ Nanofibers Derived from Te@Metal-Organic Frameworks for Superior Lithium Storage Capability. <i>Advanced Functional Materials</i> , 2017, 27, 1604941.	14.9	76
83	Controllable fabrication of C/Sn and C/SnO/Sn composites as anode materials for high-performance lithium-ion batteries. <i>Chemical Engineering Journal</i> , 2017, 330, 1035-1043.	12.7	76
84	Au@Pt nanostructures: a novel photothermal conversion agent for cancer therapy. <i>Nanoscale</i> , 2014, 6, 3670.	5.6	71
85	Model-Based Design of Stable Electrolytes for Potassium Ion Batteries. <i>ACS Energy Letters</i> , 2020, 5, 3124-3131.	17.4	71
86	Microstructures and tensile properties of Mg ₈ Gd _{0.6} Zr _x Nd _y (x+y=3, mass%) alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006, 433, 133-138.	5.6	70
87	A novel immunochromatographic electrochemical biosensor for highly sensitive and selective detection of trichloropyridinol, a biomarker of exposure to chlorpyrifos. <i>Biosensors and Bioelectronics</i> , 2011, 26, 2835-2840.	10.1	70
88	Core-Shell NiFe ₂ O ₄ @TiO ₂ Nanorods: An Anode Material with Enhanced Electrochemical Performance for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2014, 20, 11214-11219.	3.3	70
89	Gadolinium(III)-Chelated Silica Nanospheres Integrating Chemotherapy and Photothermal Therapy for Cancer Treatment and Magnetic Resonance Imaging. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 25014-25023.	8.0	70
90	Inhibition of Cancer Cell Migration by Gold Nanorods: Molecular Mechanisms and Implications for Cancer Therapy. <i>Advanced Functional Materials</i> , 2014, 24, 6922-6932.	14.9	69

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91	Effect of Y on microstructure and mechanical properties of duplex Mg-7Li alloys. <i>Journal of Alloys and Compounds</i> , 2010, 506, 468-474.	5.5	68
92	Sn-based Intermetallic Compounds for Li-ion Batteries: Structures, Lithiation Mechanism, and Electrochemical Performances. <i>Energy and Environmental Materials</i> , 2018, 1, 132-147.	12.8	68
93	Controlled construction of hierarchical Co _{1-x} S structures as high performance anode materials for lithium ion batteries. <i>CrystEngComm</i> , 2014, 16, 814-819.	2.6	66
94	Coated/Sandwiched rGO/CoS Composites Derived from Metal-Organic Frameworks/GO as Advanced Anode Materials for Lithium-ion Batteries. <i>Chemistry - A European Journal</i> , 2016, 22, 1467-1474.	3.3	66
95	Large-scale Fabrication of Core-Shell Structured C/SnO ₂ Hollow Spheres as Anode Materials with Improved Lithium Storage Performance. <i>Small</i> , 2017, 13, 1701993.	10.0	66
96	Emerging Potassium-ion Hybrid Capacitors. <i>ChemSusChem</i> , 2020, 13, 5837-5862.	6.8	65
97	Gd-Metallofullerenol Nanomaterial Suppresses Pancreatic Cancer Metastasis by Inhibiting the Interaction of Histone Deacetylase 1 and Metastasis-Associated Protein 1. <i>ACS Nano</i> , 2015, 9, 6826-6836.	14.6	64
98	Two-step oxidation of bulk Sb to one-dimensional Sb ₂ O ₄ submicron-tubes as advanced anode materials for lithium-ion and sodium-ion batteries. <i>Chemical Engineering Journal</i> , 2017, 315, 101-107.	12.7	64
99	Highly selective fluorescence turn-on chemosensor based on naphthalimide derivatives for detection of copper(II) ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 105, 57-61.	3.9	63
100	Fabrication of Surfaces with Extremely High Contact Angle Hysteresis from Polyelectrolyte Multilayer. <i>Langmuir</i> , 2011, 27, 15299-15304.	3.5	62
101	A bare-eye-based lateral flow immunoassay based on the use of gold nanoparticles for simultaneous detection of three pesticides. <i>Mikrochimica Acta</i> , 2014, 181, 1565-1572.	5.0	61
102	Silver nanoparticles impede phorbol myristate acetate-induced monocyte macrophage differentiation and autophagy. <i>Nanoscale</i> , 2015, 7, 16100-16109.	5.6	61
103	Atmospheric oxidation mechanism of naphthalene initiated by OH radical. A theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2645.	2.8	60
104	General and facile method to fabricate uniform Y ₂ O ₃ :Ln ³⁺ (Ln ³⁺ = Eu ³⁺ , Tb ³⁺) hollow microspheres using polystyrene spheres as templates. <i>Journal of Materials Chemistry</i> , 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. <i>Toxicology</i> , 2013, 313, 49-58.	4.2	59
106	Electron-hole asymmetry, Dirac fermions, and quantum magnetoresistance in BaMnBi ₂ . <i>Physical Review B</i> , 2016, 93, .	15.9	59
107	Stability of Ligands on Nanoparticles Regulating the Integrity of Biological Membranes at the Nano-Lipid Interface. <i>ACS Nano</i> , 2019, 13, 8680-8693.	14.6	59
108	Superhydrophobic SERS substrates based on silver dendrite-decorated filter paper for trace detection of nitenpyram. <i>Analytica Chimica Acta</i> , 2019, 1049, 170-178.	5.4	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. <i>Nanotoxicology</i> , 2012, 6, 1077-1087.	3.0	58
110	Magnetic states of the two-leg-ladder alkali metal iron selenides $Fe_{2-x}Se$	3.2	58
111	Atmospheric Oxidation Mechanism of <i>m</i> -Xylene Initiated by OH Radical. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10778-10787.	2.5	58
112	Hierarchical N-doped carbon nanosheets microspheres enable superior electrochemical properties for potassium ion capacitors. <i>Journal of Power Sources</i> , 2020, 469, 228415.	7.8	57
113	Sodium doping derived electromagnetic center of lithium layered oxide cathode materials with enhanced lithium storage. <i>Nano Energy</i> , 2022, 94, 106900.	16.0	57
114	Detection of Nitrous Acid by Cavity Ring-Down Spectroscopy. <i>Environmental Science & Technology</i> , 2000, 34, 4221-4227.	10.0	56
115	Pulmonary responses to printer toner particles in mice after intratracheal instillation. <i>Toxicology Letters</i> , 2010, 199, 288-300.	0.8	56
116	Chemiluminescence Reaction Kinetics-Resolved Multianalyte Immunoassay Strategy Using a Bispecific Monoclonal Antibody as the Unique Recognition Reagent. <i>Analytical Chemistry</i> , 2015, 87, 2952-2958.	6.5	56
117	Structure and mechanical properties of extruded Mg-Gd based alloy sheet. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009, 520, 162-167.	5.6	55
118	Direct numerical simulation of particle-fluid systems by combining time-driven hard-sphere model and lattice Boltzmann method. <i>Particuology</i> , 2010, 8, 379-382.	3.6	55
119	Preparation and characterization of MnFe ₂ O ₄ in the solvothermal process: Their magnetism and electrochemical properties. <i>Materials Research Bulletin</i> , 2013, 48, 2511-2516.	5.2	55
120	Facile synthesis of symmetric bundle-like Sb ₂ S ₃ micron-structures and their application in lithium-ion battery anodes. <i>Chemical Communications</i> , 2016, 52, 7691-7694.	4.1	55
121	Aflatoxin B ₁ inhibition in <i>Aspergillus flavus</i> by <i>Aspergillus niger</i> through down-regulating expression of major biosynthetic genes and AFB ₁ degradation by atoxigenic <i>A. flavus</i> . <i>International Journal of Food Microbiology</i> , 2017, 256, 1-10.	4.7	54
122	Facile synthesis of CuS/rGO composite with enhanced electrochemical lithium-storage properties through microwave-assisted hydrothermal method. <i>Electrochimica Acta</i> , 2016, 203, 238-245.	5.2	53
123	Fast and Energy Efficient Synthesis of ZnO@rGO and its Application in Ni-Zn Secondary Battery. <i>Journal of Physical Chemistry C</i> , 2016, 120, 12337-12343.	3.1	53
124	Self-Healing Superhydrophobic Materials Showing Quick Damage Recovery and Long-Term Durability. <i>Langmuir</i> , 2017, 33, 9972-9978.	3.5	53
125	Sulfur-Mediated Interface Engineering Enables Fast SnS Nanosheet Anodes for Advanced Lithium/Sodium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 25786-25797.	8.0	53
126	Short Multiwall Carbon Nanotubes Promote Neuronal Differentiation of PC12 Cells via Up-Regulation of the Neurotrophin Signaling Pathway. <i>Small</i> , 2013, 9, 1786-1798.	10.0	52

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127	Enhanced electrochemical performances of FeO _x graphene nanocomposites as anode materials for alkaline nickel-iron batteries. RSC Advances, 2014, 4, 15394-15399.	3.6	52
128	Freestanding MnO ₂ @carbon papers air electrodes for rechargeable Li-O ₂ batteries. Journal of Power Sources, 2014, 261, 311-316.	7.8	52
129	New Mechanism for the Atmospheric Oxidation of Dimethyl Sulfide. The Importance of Intramolecular Hydrogen Shift in a CH ₃ SCH ₂ OO Radical. Journal of Physical Chemistry A, 2015, 119, 112-117.	2.5	52
130	Unravel the Catalytic Effect of Two-Dimensional Metal Sulfides on Polysulfide Conversions for Lithium-Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 43560-43567.	8.0	52
131	Solvothermal synthesis of GO/V ₂ O ₅ composites as a cathode material for rechargeable magnesium batteries. RSC Advances, 2015, 5, 76352-76355.	3.6	51
132	Facile synthesis of one-dimensional hollow Sb ₂ O ₃ @TiO ₂ composites as anode materials for lithium ion batteries. Journal of Power Sources, 2018, 389, 214-221.	7.8	51
133	Elucidating the Nature of the Cu(I) Active Site in CuO/TiO ₂ for Excellent Low-Temperature CO Oxidation. ACS Applied Materials & Interfaces, 2020, 12, 7091-7101.	8.0	51
134	Effects of cerium on the microstructure and mechanical properties of Mg-20Zn-8Al alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 474, 317-322.	5.6	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.	4.0	50
136	Understanding Ostwald Ripening and Surface Charging Effects in Solvothermally Prepared Metal Oxide-Carbon Anodes for High Performance Rechargeable Batteries. Advanced Energy Materials, 2019, 9, 1902194.	19.5	50
137	Microstructures and mechanical properties of as-cast Mg-5Al-0.4Mn-xNd (x=0, 1, 2 and 4) alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2008, 472, 332-337.	5.6	49
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542	Facile synthesis of hierarchical hexagonal flower-like $WO_3 \cdot 0.33H_2O$ nanostructures with enhanced visible-light-driven photocatalytic activity. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 755-761.	2.1	0
543	Fatty Acid Quaternary Ammonium Surfactants Based on Renewable Resources as a Leveler for Copper Electroplating. ChemElectroChem, 2019, 6, 3213-3213.	3.4	0
544	Synthesis of Ce-doped GN/ZnO architectures with enhanced photocatalytic activity. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 28-32.	2.1	0
545	Effects of silicon on the growth, nutrient uptake and cadmium accumulation of tomato seedlings. International Journal of Environmental Analytical Chemistry, 0, , 1-14.	3.3	0
546	Effects of Gd on the microstructure and mechanical properties of Mg-Li dual-phase alloys. International Journal of Materials Research, 2020, 111, 432-438.	0.3	0