

Chun-Li Wang

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

540
papers

19,678
citations

64
h-index

117
g-index

551
ext. papers

22,655
ext. citations

6.7
avg, IF

7.13
L-index

#	Paper	IF	Citations
540	Mesoporous silica-coated gold nanorods as a light-mediated multifunctional theranostic platform for cancer treatment. <i>Advanced Materials</i> , 2012 , 24, 1418-23	24	788
539	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, 16968-73	11.5	738
538	Effect of aspect ratio and surface defects on the photocatalytic activity of ZnO nanorods. <i>Scientific Reports</i> , 2014 , 4, 4596	4.9	624
537	Surface chemistry and aspect ratio mediated cellular uptake of Au nanorods. <i>Biomaterials</i> , 2010 , 31, 7606-19	5.19	547
536	Bismuth sulfide nanorods as a precision nanomedicine for in vivo multimodal imaging-guided photothermal therapy of tumor. <i>ACS Nano</i> , 2015 , 9, 696-707	16.7	430
535	Selective targeting of gold nanorods at the mitochondria of cancer cells: implications for cancer therapy. <i>Nano Letters</i> , 2011 , 11, 772-80	11.5	413
534	Metal organic frameworks route to in situ insertion of multiwalled carbon nanotubes in Co ₃ O ₄ polyhedra as anode materials for lithium-ion batteries. <i>ACS Nano</i> , 2015 , 9, 1592-9	16.7	410
533	Cytotoxic potential of silver nanoparticles. <i>Yonsei Medical Journal</i> , 2014 , 55, 283-91	3	260
532	Surface-engineered gold nanorods: promising DNA vaccine adjuvant for HIV-1 treatment. <i>Nano Letters</i> , 2012 , 12, 2003-12	11.5	248
531	Controlling assembly of paired gold clusters within apoferritin nanoreactor for in vivo kidney targeting and biomedical imaging. <i>Journal of the American Chemical Society</i> , 2011 , 133, 8617-24	16.4	239
530	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	35.4	236
529	Hierarchical NiFe ₂ O ₄ /Fe ₂ 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	13	203
528	Covalently Attached Liquids: Instant Omniphobic Surfaces with Unprecedented Repellency. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 244-8	16.4	192
527	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, 17359-68	16.4	191
526	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, 3174-83	11.5	188
525	Use of Synchrotron Radiation-Analytical Techniques To Reveal Chemical Origin of Silver-Nanoparticle Cytotoxicity. <i>ACS Nano</i> , 2015 , 9, 6532-47	16.7	171
524	PANI/graphene nanocomposite films with high thermoelectric properties by enhanced molecular ordering. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 7086-7092	13	170

523	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, 1947-55	16.4	164
522	Carbon-Doped ZnO Nanostructures: Facile Synthesis and Visible Light Photocatalytic Applications. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 20544-20554	3.8	163
521	Na ₃ PSe ₄ : A Novel Chalcogenide Solid Electrolyte with High Ionic Conductivity. <i>Advanced Energy Materials</i> , 2015 , 5, 1501294	21.8	156
520	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, 5509-15	7.7	147
519	Rapid Degradation and High Renal Clearance of Cu ₃ BiS ₃ Nanodots for Efficient Cancer Diagnosis and Photothermal Therapy in Vivo. <i>ACS Nano</i> , 2016 , 10, 4587-98	16.7	144
518	Liquid-Exfoliated Black Phosphorous Nanosheet Thin Films for Flexible Resistive Random Access Memory Applications. <i>Advanced Functional Materials</i> , 2016 , 26, 2016-2024	15.6	137
517	Gd-metallofullerenol nanomaterial as non-toxic breast cancer stem cell-specific inhibitor. <i>Nature Communications</i> , 2015 , 6, 5988	17.4	135
516	Fast intracellular dissolution and persistent cellular uptake of silver nanoparticles in CHO-K1 cells: implication for cytotoxicity. <i>Nanotoxicology</i> , 2015 , 9, 181-9	5.3	131
515	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	15.6	128
514	Intracellular dynamics of cationic and anionic polystyrene nanoparticles without direct interaction with mitotic spindle and chromosomes. <i>Biomaterials</i> , 2011 , 32, 8291-303	15.6	128
513	Anisotropic giant magnetoresistance in NbSb ₂ . <i>Scientific Reports</i> , 2014 , 4, 7328	4.9	125
512	ZnCl ₂ Water-in-Salt Electrolyte Transforms the Performance of Vanadium Oxide as a Zn Battery Cathode. <i>Advanced Functional Materials</i> , 2019 , 29, 1902653	15.6	124
511	Interaction of gold nanoparticles with proteins and cells. <i>Science and Technology of Advanced Materials</i> , 2015 , 16, 034610	7.1	122
510	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	13	120
509	Vacancy-Contained Tetragonal NaSbS Superionic Conductor. <i>Advanced Science</i> , 2016 , 3, 1600089	13.6	115
508	Surface chemistry of gold nanorods: origin of cell membrane damage and cytotoxicity. <i>Nanoscale</i> , 2013 , 5, 8384-91	7.7	112
507	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	15.6	110
506	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	13	107

505	Meso-scale oriented simulation towards virtual process engineering (VPE) in the EMMS Paradigm. <i>Chemical Engineering Science</i> , 2011 , 66, 4426-4458	4.4	107
504	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	13	106
503	High aspect ratio MnOOH nanowires for high performance rechargeable nonaqueous lithium-oxygen batteries. <i>Chemical Communications</i> , 2012 , 48, 7598-600	5.8	106
502	Microstructure and mechanical properties of high performance Mg/Cd based alloys. <i>Materials & Design</i> , 2009 , 30, 292-296		106
501	Multiwall carbon nanotubes mediate macrophage activation and promote pulmonary fibrosis through TGF- β /Smad signaling pathway. <i>Small</i> , 2013 , 9, 3799-811	11	103
500	Characterization of gold nanorods in vivo by integrated analytical techniques: their uptake, retention, and chemical forms. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 396, 1105-14	4.4	101
499	Large-scale DNS of gas-solid flows on Mole-8.5. <i>Chemical Engineering Science</i> , 2012 , 71, 422-430	4.4	100
498	Graphdiyne Nanosheet-Based Drug Delivery Platform for Photothermal/Chemotherapy Combination Treatment of Cancer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 8436-8442	9.5	96
497	Formation of Mo-Polydopamine Hollow Spheres and Their Conversions to MoO ₃ /C and Mo ₂ C/C for Efficient Electrochemical Energy Storage and Catalyst. <i>Small</i> , 2017 , 13, 1701246	11	96
496	Morphologically virus-like fullerene nanoparticles act as the dual-functional nanoadjuvant for HIV-1 vaccine. <i>Advanced Materials</i> , 2013 , 25, 5928-36	24	95
495	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	6.7	94
494	Electrolyte Engineering Enables High Stability and Capacity Alloying Anodes for Sodium and Potassium Ion Batteries. <i>ACS Energy Letters</i> , 2020 , 5, 766-776	20.1	91
493	Phytic Acid-Assisted Formation of Hierarchical Porous Co/C Nanoboxes for Enhanced Lithium Storage and Hydrogen Generation. <i>ACS Nano</i> , 2018 , 12, 12238-12246	16.7	90
492	The contributions of metal impurities and tube structure to the toxicity of carbon nanotube materials. <i>NPG Asia Materials</i> , 2012 , 4, e32-e32	10.3	89
491	Two-dimensional Dirac fermions and quantum magnetoresistance in CaMnBi ₂ . <i>Physical Review B</i> , 2012 , 85,	3.3	82
490	Atmospheric oxidation mechanism of toluene. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 4533-47	2.8	81
489	Metal-Organic Framework Template Synthesis of NiCoS@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	9.5	80
488	Polyhydroxylated metallofullerenols stimulate IL-1 β secretion of macrophage through TLRs/MyD88/NF- κ B pathway and NLRP3 inflammasome activation. <i>Small</i> , 2014 , 10, 2362-72	11	80

487	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		78
486	Nanosheets assembled layered MoS ₂ /MXene as high performance anode materials for potassium ion batteries. <i>Journal of Power Sources</i> , 2020 , 449, 227481	8.9	76
485	Synthesis of rhombic hierarchical YF ₃ nanocrystals and their use as upconversion photocatalysts after TiO ₂ coating. <i>Nanoscale</i> , 2013 , 5, 3030-6	7.7	75
484	Sb nanoparticles encapsulated into porous carbon matrixes for high-performance lithium-ion battery anodes. <i>Journal of Power Sources</i> , 2016 , 331, 16-21	8.9	72
483	Evidence of formation of bicyclic species in the early stages of atmospheric benzene oxidation. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5385-96	2.8	72
482	Selective metabolic effects of gold nanorods on normal and cancer cells and their application in anticancer drug screening. <i>Biomaterials</i> , 2013 , 34, 7117-26	15.6	71
481	Formation of Highly Oxidized Radicals and Multifunctional Products from the Atmospheric Oxidation of Alkylbenzenes. <i>Environmental Science & Technology</i> , 2017 , 51, 8442-8449	10.3	69
480	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	13	68
479	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	15.6	66
478	Tunable wettability and rewritable wettability gradient from superhydrophilicity to superhydrophobicity. <i>Langmuir</i> , 2010 , 26, 12203-8	4	66
477	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	13	66
476	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, 2835-40	11.8	64
475	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, 25014-23	9.5	62
474	Microstructures and tensile properties of Mg ₃ Gd _{0.6} Zr _{0.4} Nd _y (x+y=3, mass%) alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2006 , 433, 133-138	5.3	62
473	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	8.9	62
472	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	3.3	61
471	Effect of Y on microstructure and mechanical properties of duplex Mg ₃ Li alloys. <i>Journal of Alloys and Compounds</i> , 2010 , 506, 468-474	5.7	61
470	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, 11214-9	4.8	58

469	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	5.8	57
468	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	14.7	57
467	Au@Pt nanostructures: a novel photothermal conversion agent for cancer therapy. <i>Nanoscale</i> , 2014 , 6, 3670-8	7.7	56
466	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	9.5	56
465	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, 6826-36	16.7	55
464	Pulmonary responses to printer toner particles in mice after intratracheal instillation. <i>Toxicology Letters</i> , 2010 , 199, 288-300	4.4	55
463	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		54
462	Large-Scale Fabrication of Core-Shell Structured C/SnO Hollow Spheres as Anode Materials with Improved Lithium Storage Performance. <i>Small</i> , 2017 , 13, 1701993	11	53
461	Inhibition of Cancer Cell Migration by Gold Nanorods: Molecular Mechanisms and Implications for Cancer Therapy. <i>Advanced Functional Materials</i> , 2014 , 24, 6922-6932	15.6	53
460	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	4.4	53
459	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	20.1	52
458	An Empirical Model for the Design of Batteries with High Energy Density. <i>ACS Energy Letters</i> , 2020 , 5, 807-816	20.1	52
457	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, 7691-4	5.8	52
456	Chemiluminescence reaction kinetics-resolved multianalyte immunoassay strategy using a bispecific monoclonal antibody as the unique recognition reagent. <i>Analytical Chemistry</i> , 2015 , 87, 2952-8	7.8	52
455	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, 562-75	5.3	52
454	Detection of Nitrous Acid by Cavity Ring-Down Spectroscopy. <i>Environmental Science & Technology</i> , 2000 , 34, 4221-4227	10.3	52
453	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	14.7	51
452	Coated/Sandwiched rGO/CoS _x Composites Derived from Metal-Organic Frameworks/GO as Advanced Anode Materials for Lithium-Ion Batteries. <i>Chemistry - A European Journal</i> , 2016 , 22, 1467-74	4.8	51

451	Magnetic states of the two-leg-ladder alkali metal iron selenides AFe_2Se_3 . <i>Physical Review B</i> , 2013 , 87,	3.3	51
450	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	2.8	51
449	Selenium Nanoparticles as an Efficient Nanomedicine for the Therapy of Huntington's Disease. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 34725-34735	9.5	50
448	Inhibitory Effect of Cinnamaldehyde, Citral, and Eugenol on Aflatoxin Biosynthetic Gene Expression and Aflatoxin B1 Biosynthesis in <i>Aspergillus flavus</i> . <i>Journal of Food Science</i> , 2015 , 80, M2917-24	3.4	50
447	Atmospheric oxidation mechanism of naphthalene initiated by OH radical. A theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 2645-50	3.6	50
446	Structure and mechanical properties of extruded Mg-Al based alloy sheet. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2009 , 520, 162-167	5.3	50
445	Freestanding MnO_2 @carbon papers air electrodes for rechargeable Li-O ₂ batteries. <i>Journal of Power Sources</i> , 2014 , 261, 311-316	8.9	49
444	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	4.4	49
443	Model-Based Design of Graphite-Compatible Electrolytes in Potassium-Ion Batteries. <i>ACS Energy Letters</i> , 2020 , 5, 2651-2661	20.1	49
442	Silver nanoparticles impede phorbol myristate acetate-induced monocyte-macrophage differentiation and autophagy. <i>Nanoscale</i> , 2015 , 7, 16100-9	7.7	48
441	Fabrication of surfaces with extremely high contact angle hysteresis from polyelectrolyte multilayer. <i>Langmuir</i> , 2011 , 27, 15299-304	4	48
440	Electrolyte-Mediated Stabilization of High-Capacity Micro-Sized Antimony Anodes for Potassium-Ion Batteries. <i>Advanced Materials</i> , 2021 , 33, e2005993	24	48
439	Atmospheric oxidation mechanism of m-xylene initiated by OH radical. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 10778-87	2.8	46
438	Effects of cerium on the microstructure and mechanical properties of Mg ₉₀ Zn ₈ Al alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 474, 317-322	5.3	45
437	Microstructure, texture and mechanical properties of a hot rolled Mg ₈₅ Gd ₁₀ .3Nd _{0.7} Y _{0.3} Zn alloy. <i>Materials & Design</i> , 2012 , 34, 776-781		44
436	Microstructures and mechanical properties of the Mg ₈₅ Zn _x Gd (x=0, 2, 3 and 5) alloys. <i>Journal of Alloys and Compounds</i> , 2008 , 459, 274-280	5.7	44
435	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	3.8	43
434	Enhanced electrochemical performances of FeOx/graphene nanocomposites as anode materials for alkaline nickel-iron batteries. <i>RSC Advances</i> , 2014 , 4, 15394-15399	3.7	43

433	Short multiwall carbon nanotubes promote neuronal differentiation of PC12 cells via up-regulation of the neurotrophin signaling pathway. <i>Small</i> , 2013 , 9, 1786-98	11	43
432	Microstructures and mechanical properties of as-cast Mg ₅₀ Al ₁₀ .4Mn ₁₀ Nd (x=0, 1, 2 and 4) alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2008 , 472, 332-337	5.3	43
431	Electron-hole asymmetry, Dirac fermions, and quantum magnetoresistance in BaMnBi ₂ . <i>Physical Review B</i> , 2016 , 93,	3.3	42
430	Polyhydroxylated fullerenols regulate macrophage for cancer adoptive immunotherapy and greatly inhibit the tumor metastasis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 945-954	6	42
429	A new colorimetric and fluorescent bifunctional probe for Cu ²⁺ and F ⁻ ions based on perylene bisimide derivatives. <i>Tetrahedron Letters</i> , 2014 , 55, 3218-3222	2	42
428	Electrochemical hydrogen storage in (Ti _{1-x}) ₂ Ni (x= 0.05-0.3) alloys comprising icosahedral quasicrystalline phase. <i>Electrochimica Acta</i> , 2009 , 54, 2770-2773	6.7	42
427	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	11.5	41
426	Liquid marbles supported by monodisperse poly(methylsilsesquioxane) particles. <i>Langmuir</i> , 2014 , 30, 9071-5	4	41
425	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	5.1	41
424	Self-Healing Superhydrophobic Materials Showing Quick Damage Recovery and Long-Term Durability. <i>Langmuir</i> , 2017 , 33, 9972-9978	4	41
423	Mapping of Daily Mean Air Temperature in Agricultural Regions Using Daytime and Nighttime Land Surface Temperatures Derived from TERRA and AQUA MODIS Data. <i>Remote Sensing</i> , 2015 , 7, 8728-8756 ⁵		41
422	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	6.7	41
421	Unraveling the New Role of an Ethylene Carbonate Solvation Shell in Rechargeable Metal Ion Batteries. <i>ACS Energy Letters</i> , 2021 , 6, 69-78	20.1	41
420	Understanding Ostwald Ripening and Surface Charging Effects in Solvothermally-Prepared Metal Oxide/Carbon Anodes for High Performance Rechargeable Batteries. <i>Advanced Energy Materials</i> , 2019 , 9, 1902194	21.8	40
419	Engineered Graphene Oxide Nanocomposite Capable of Preventing the Evolution of Antimicrobial Resistance. <i>ACS Nano</i> , 2019 , 13, 11488-11499	16.7	40
418	Solvothermal synthesis of GO/V ₂ O ₅ composites as a cathode material for rechargeable magnesium batteries. <i>RSC Advances</i> , 2015 , 5, 76352-76355	3.7	40
417	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	9.5	40
416	Yolk@Shell or Concave Cubic NiO-CoO@C Nanocomposites Derived from Metal-Organic Frameworks for Advanced Lithium-Ion Battery Anodes. <i>Inorganic Chemistry</i> , 2017 , 56, 9794-9801	5.1	40

4 ¹⁵	Atmospheric oxidation mechanism of benzene. Fates of alkoxy radical intermediates and revised mechanism. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 14163-8	2.8	40
4 ¹⁴	Sn-based Intermetallic Compounds for Li-ion Batteries: Structures, Lithiation Mechanism, and Electrochemical Performances. <i>Energy and Environmental Materials</i> , 2018 , 1, 132-147	13	40
4 ¹³	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	9.5	39
4 ¹²	SnO Quantum Dots: Rational Design to Achieve Highly Reversible Conversion Reaction and Stable Capacities for Lithium and Sodium Storage. <i>Small</i> , 2020 , 16, e2000681	11	39
4 ¹¹	Facile synthesis of one-dimensional hollow Sb ₂ O ₃ @TiO ₂ composites as anode materials for lithium ion batteries. <i>Journal of Power Sources</i> , 2018 , 389, 214-221	8.9	39
4 ¹⁰	Tunable wettability by counterion exchange at the surface of electrostatic self-assembled multilayers. <i>Chemical Communications</i> , 2008 , 5972-4	5.8	39
4 ⁰⁹	Mechanistic studies of the pyrolysis of 1,3-butadiene, 1,3-butadiene-1,1,4,4-d ₄ , 1,2-butadiene, and 2-butyne by supersonic jet/photoionization mass spectrometry. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 2190-6	2.8	39
4 ⁰⁸	Superhydrophobic SERS substrates based on silver dendrite-decorated filter paper for trace detection of nitenpyram. <i>Analytica Chimica Acta</i> , 2019 , 1049, 170-178	6.6	39
4 ⁰⁷	One-pot chemical route for morphology-controllable fabrication of Sn-Sb micro/nano-structures: Advanced anode materials for lithium and sodium storage. <i>Journal of Power Sources</i> , 2017 , 342, 861-871	8.9	38
4 ⁰⁶	Stability of Ligands on Nanoparticles Regulating the Integrity of Biological Membranes at the Nano-Lipid Interface. <i>ACS Nano</i> , 2019 , 13, 8680-8693	16.7	38
4 ⁰⁵	Electrochemical corrosion behavior of Mg _{0.4} Al _{0.4} Mn _{0.4} Nd in NaCl solution. <i>Corrosion Science</i> , 2009 , 51, 1328-1333	6.8	38
4 ⁰⁴	Cooperative effect of Co and Al on the microstructure and electrochemical properties of AB ₃ -type hydrogen storage electrode alloys for advanced MH/Ni secondary battery. <i>International Journal of Hydrogen Energy</i> , 2011 , 36, 893-900	6.7	38
4 ⁰³	Effects of Sn content on the microstructure and mechanical properties of Mg ₇ Zn ₃ Al based alloys. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2010 , 527, 7002-7007	5.3	38
4 ⁰²	Constructing Dense SiO _x @Carbon Nanotubes versus Spinel Cathode for Advanced High-Energy Lithium-Ion Batteries. <i>ChemElectroChem</i> , 2017 , 4, 1165-1171	4.3	37
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4 ⁰⁰	Atmospheric oxidation mechanism of phenol initiated by OH radical. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 2358-64	2.8	37
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