Chun-Li Wang

List of Publications by Year
in descending order

546 papers	25,490 citations	8181 76 h-index	12597 132 g-index
551 all docs	551 docs citations	551 times ranked	31647 citing authors

#	Article	IF	Citations
1	Encapsulating silicon particles by graphitic carbon enables High-performance Lithium-ion batteries. Journal of Colloid and Interface Science, 2022, 607, 1562-1570.	9.4	13
2	Carbon Supported MoO₂ Spheres Boosting Ultraâ€Stable Lithium Storage with High Volumetric Density. Energy and Environmental Materials, 2022, 5, 245-252.	12.8	18
3	Excellent kinetics and effective hydrogen storage capacity at low temperature of superlattice rare-earth hydrogen storage alloy by solid-phase treatment. Journal of Physics and Chemistry of Solids, 2022, 161, 110402.	4.0	9
4	Manganese coating Î±-Ni(OH)2 as high-performance cathode material for Ni-MH battery. Ionics, 2022, 28, 1265-1272.	2.4	3
5	Nanoscale localized growth of SnSb for general-purpose high performance alkali (Li, Na, K) ion storage. Chemical Engineering Journal, 2022, 431, 134318.	12.7	11
6	Sodium doping derived electromagnetic center of lithium layered oxide cathode materials with enhanced lithium storage. Nano Energy, 2022, 94, 106900.	16.0	57
7	Measuring the Efficiency of Energy and Carbon Emissions: A Review of Definitions, Models, and Input-Output Variables. Energies, 2022, 15, 962.	3.1	10
8	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.	10.4	96
9	Chitosan-based double cross-linked ionic hydrogels as a strain and pressure sensor with broad strain-range and high sensitivity. Journal of Materials Chemistry B, 2022, 10, 3434-3443.	5.8	8
10	Highly Efficient Hydrogen Storage Capacity of 2.5 wt % Above 0.1 MPa Using Y and Cr Codoped V-Based Alloys. ACS Applied Energy Materials, 2022, 5, 3282-3289.	5.1	15
11	Market Integration and Price Dynamics under Market Shocks in European Union Internal and External Cheese Export Markets. Foods, 2022, 11, 692.	4.3	3
12	Superior Dehydrogenation Performance of Î±â€AlH₃ Catalyzed by Li₃N: Realizing 8.0Âwt.% Capacity at 100 Â°C. Small, 2022, 18, e2107983.	10.0	6
13	Imidazolium ionic liquids as potential persistent pollutants in aqueous environments: Indirect photochemical degradation kinetics and mechanism. Environmental Research, 2022, 211, 113031.	7.5	6
14	All-Starch-Based Hydrogel for Flexible Electronics: Strain-Sensitive Batteries and Self-Powered Sensors. ACS Sustainable Chemistry and Engineering, 2022, 10, 6724-6735.	6.7	34
15	Highly Dispersed Antimonyâ€“Bismuth Alloy Encapsulated in Carbon Nanofibers for Ultrastable K-Ion Batteries. Journal of Physical Chemistry Letters, 2022, 13, 6587-6596.	4.6	7
16	Anti-catalytic and zincophilic layers integrated zinc anode towards efficient aqueous batteries for ultra-long cycling stability. Nano Research, 2022, 15, 8076-8082.	10.4	28
17	Non-pharmacological treatment for Parkinson disease patients with depression: a meta-analysis of repetitive transcranial magnetic stimulation and cognitive-behavioral treatment. International Journal of Neuroscience, 2021, 131, 411-424.	1.6	11
18	Unraveling the New Role of an Ethylene Carbonate Solvation Shell in Rechargeable Metal Ion Batteries. ACS Energy Letters, 2021, 6, 69-78.	17.4	99

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19	The oxidation mechanism of gas-phase ozonolysis of limonene in the atmosphere. Physical Chemistry Chemical Physics, 2021, 23, 9294-9303.	2.8	7
20	Insight into the Coprecipitation-Controlled Crystallization Reaction for Preparing Lithium-Layered Oxide Cathodes. ACS Applied Materials & Interfaces, 2021, 13, 717-726.	8.0	34
21	Multifunctional sulfur-mediated strategy enabling fast-charging Sb₂S₃micro-package anode for lithium-ion storage. Journal of Materials Chemistry A, 2021, 9, 7838-7847.	10.3	21
22	Electrolyteâ€Mediated Stabilization of Highâ€Capacity Microâ€Sized Antimony Anodes for Potassiumâ€Ion Batteries. Advanced Materials, 2021, 33, e2005993.	21.0	96
23	Crystalline coordination polymer-derived MoS₂ quantum dot-doped carbon nanoflakes with ultrafast Li⁺ transfer. Chemical Communications, 2021, 57, 8151-8153.	4.1	5
24	Superior electrochemical characteristics of A2B7-type hydrogen storage alloy at ultralow temperature with the addition of alane. Journal of Materials Science, 2021, 56, 8159-8171.	3.7	3
25	A method of two-stage clustering learning based on improved DBSCAN and density peak algorithm. Computer Communications, 2021, 167, 75-84.	5.1	32
26	A Rare Autosomal Dominant Variant in Regulator of Calcineurin Type 1 (RCAN1) Gene Confers Enhanced Calcineurin Activity and May Cause FSGS. Journal of the American Society of Nephrology: JASN, 2021, 32, 1682-1695.	6.1	3
27	Double-network hydrogels with superior self-healing properties using starch reinforcing strategy. Carbohydrate Polymers, 2021, 257, 117626.	10.2	23
28	Size effect of the width of beta-Li phase on the ductility of magnesiumâ€“lithium dual-phase alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 814, 141217.	5.6	8
29	Ammonia-low coprecipitation synthesis of lithium layered oxide cathode material for high-performance battery. Chemical Engineering Journal, 2021, 411, 128487.	12.7	31
30	Electrolyte Chemistry in 3D Metal Oxide Nanorod Arrays Deciphers Lithium Dendrite-Free Plating/Stripping Behaviors for High-Performance Lithium Batteries. Journal of Physical Chemistry Letters, 2021, 12, 4857-4866.	4.6	19
31	Unraveling the Synergistic Catalytic Effects of TiO₂ and Pr₆O₁₁ on Superior Dehydrogenation Performances of Î±-AlH₃. ACS Applied Materials & Interfaces, 2021, 13, 26998-27005.	8.0	19
32	A novel adaptive density-based spatial clustering of application with noise based on bird swarm optimization algorithm. Computer Communications, 2021, 174, 205-214.	5.1	19
33	Superior reversible hydrogen storage capacity of V-based solid solution alloy above atmospheric pressure with yttrium substitution. Materials Letters, 2021, 297, 129945.	2.6	9
34	Twist1 in podocytes ameliorates podocyte injury and proteinuria by limiting CCL2-dependent macrophage infiltration. JCI Insight, 2021, 6, .	5.0	15
35	Unraveling the New Role of Metalâ€“Organic Frameworks in Designing Silicon Hollow Nanocages for High-Energy Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2021, 13, 40471-40480.	8.0	13
36	Heterologous expression of ZmGS5 enhances organ size and seed weight by regulating cell expansion in Arabidopsis thaliana. Gene, 2021, 793, 145749.	2.2	5

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37	Cerium Oxysulfide with Oâ€“Ceâ€“S Bindings for Efficient Adsorption and Conversion of Lithium Polysulfide in Liâ€“S Batteries. Inorganic Chemistry, 2021, 60, 12847-12854.	4.0	12
38	A highly promising high-nickel low-cobalt lithium layered oxide cathode material for high-performance lithium-ion batteries. Journal of Colloid and Interface Science, 2021, 597, 334-344.	9.4	39
39	An exploration on the improvement of reversible conversion and capacity retention of Sb2O3-based anode materials for alkali metal-ion storage by Fe-C co-hybridization. Journal of Power Sources, 2021, 506, 230074.	7.8	11
40	Interfacial Model Deciphering Highâ€Voltage Electrolytes for High Energy Density, High Safety, and Fastâ€Charging Lithiumâ€Ion Batteries. Advanced Materials, 2021, 33, e2102964.	21.0	122
41	Competitive immune-nanoplatforms with positive readout for the rapid detection of imidacloprid using gold nanoparticles. Mikrochimica Acta, 2021, 188, 356.	5.0	1
42	Verification of electrolyte decomposition in lithium-ion batteries: Based on the unique bowling-like Sn@C/EG-S composite. Chemical Engineering Journal, 2021, 422, 130520.	12.7	9
43	High-rate lithium/sodium storage capacities of nitrogen-enriched porous antimony composite prepared from organic-inorganic ligands. Applied Surface Science, 2021, 563, 150297.	6.1	4
44	Equably-dispersed Sb/Sb2O3 nanoparticles in ionic liquid-derived nitrogen-enriched carbon for highly reversible lithium/sodium storage. Electrochimica Acta, 2021, 395, 139210.	5.2	14
45	An SiO_x anode strengthened by the self-catalytic growth of carbon nanotubes. Nanoscale, 2021, 13, 3808-3816.	5.6	26
46	Excellent catalytic effect of LaNi5 on hydrogen storage properties for aluminium hydride at mild temperature. International Journal of Hydrogen Energy, 2021, 46, 38733-38740.	7.1	23
47	Photochemical transformation of pyridinium ionic liquids in aqueous phase: Kinetics, products and mechanism. Journal of Environmental Chemical Engineering, 2021, 9, 106638.	6.7	2
48	Toward ultra-long cycling stability and high lithium storage performances: Silica anodes with catalytic effects of low-cost metals particles. Applied Materials Today, 2021, 25, 101205.	4.3	5
49	Structure and Electrochemical Performance of Al and Y Co-Doped Î±-Nickel Hydroxide as a Cathode for a Ni-MH Battery. Energy & Fuels, 2021, 35, 19835-19842.	5.1	4
50	Large-Sized Nickelâ€“Cobaltâ€“Manganese Composite Oxide Agglomerate Anode Material for Long-Life-Span Lithium-Ion Batteries. ACS Applied Energy Materials, 2021, 4, 13811-13818.	5.1	5
51	Numerical Analysis of High-Velocity Oxygen Fuel Thermal-Spray Process for Fe-Based Amorphous Coatings. Coatings, 2021, 11, 1533.	2.6	4
52	Gospel for Improving the Lithium Storage Performance of High-Voltage High-Nickel Low-Cobalt Layered Oxide Cathode Materials. ACS Applied Materials & Interfaces, 2021, 13, 58871-58884.	8.0	26
53	Atmospheric oxidation mechansim of polychlorinated biphenyls (PCBs) initiated by OH radicals. Chemosphere, 2020, 240, 124756.	8.2	14
54	Crystal reconstruction of binary oxide hexagonal nanoplates: monocrystalline formation mechanism and high rate lithium-ion battery applications. Nanoscale, 2020, 12, 4366-4373.	5.6	8

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55	Free-standing 3D nitrogenâ€“carbon anchored Cu nanorod arrays: in situ derivation from a metalâ€“organic framework and strategy to stabilize lithium metal anodes. Journal of Materials Chemistry A, 2020, 8, 1425-1431.	10.3	17
56	Self-catalytic approach to construct graphitized carbon shell for metal oxide: In-situ triggering mechanism and high-performance lithium-ion batteries applications. Journal of Power Sources, 2020, 450, 227631.	7.8	14
57	Oneâ€step synthesis of novel flowerâ€like Snâ€doped ZnO architectures with enhanced photocatalytic activity. Surface and Interface Analysis, 2020, 52, 91-97.	1.8	3
58	Improvement of dehydrogenation performance by adding CeO2 to Î±-AlH3. International Journal of Hydrogen Energy, 2020, 45, 2119-2126.	7.1	16
59	Single-Particle Analysis for Structure and Iron Chemistry of Atmospheric Particulate Matter. Analytical Chemistry, 2020, 92, 975-982.	6.5	24
60	Nanosheets assembled layered MoS2/MXene as high performance anode materials for potassium ion batteries. Journal of Power Sources, 2020, 449, 227481.	7.8	125
61	In Situ Growth of Lithiophilic MOF Layer Enabling Dendrite-free Lithium Deposition. IScience, 2020, 23, 101869.	4.1	8
62	Overexpression of an Antisense RNA of Maize Receptor-Like Kinase Gene ZmRLK7 Enlarges the Organ and Seed Size of Transgenic Arabidopsis Plants. Frontiers in Plant Science, 2020, 11, 579120.	3.6	8
63	Model-Based Design of Graphite-Compatible Electrolytes in Potassium-Ion Batteries. ACS Energy Letters, 2020, 5, 2651-2661.	17.4	88
64	Pressure Effect on Orderâ€“Disorder Ferroelectric Transition in a Hydrogen-Bonded Metalâ€“Organic Framework. Journal of Physical Chemistry Letters, 2020, 11, 9566-9571.	4.6	11
65	Emerging Potassiumâ€ion Hybrid Capacitors. ChemSusChem, 2020, 13, 5837-5862.	6.8	65
66	A Different Silica Surface: Radical Oxidation of Poly(methylsilsesquioxane) Thin Films and Particles (Tospearl). Langmuir, 2020, 36, 10110-10119.	3.5	4
67	Model-Based Design of Stable Electrolytes for Potassium Ion Batteries. ACS Energy Letters, 2020, 5, 3124-3131.	17.4	71
68	Atmospheric oxidation mechanism of acenaphthene initiated by OH radicals. Atmospheric Environment, 2020, 243, 117870.	4.1	11
69	Unravel the Catalytic Effect of Two-Dimensional Metal Sulfides on Polysulfide Conversions for Lithiumâ€“Sulfur Batteries. ACS Applied Materials & Interfaces, 2020, 12, 43560-43567.	8.0	52
70	Additives Engineered Nonflammable Electrolyte for Safer Potassium Ion Batteries. Advanced Functional Materials, 2020, 30, 2001934.	14.9	77
71	Self-Assembly of Monodispersed Closely Packed Composite Superstructures by Anchoring Nanoparticles into Multihierarchical Frameworks. ACS Sustainable Chemistry and Engineering, 2020, 8, 18966-18974.	6.7	1
72	Facile Preparation of Eco-Friendly, Flexible Starch-Based Materials with Ionic Conductivity and Strain-Responsiveness. ACS Sustainable Chemistry and Engineering, 2020, 8, 19117-19128.	6.7	27

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73	An enhanced quasicrystalline Ti1.4V0.6Ni alloy electrode modified by uniformly covered RGO for nickel metal hydride battery. Intermetallics, 2020, 127, 106972.	3.9	7
74	Catalysis of silica-based anode (de-)lithiation: compositional design within a hollow structure for accelerated conversion reaction kinetics. Journal of Materials Chemistry A, 2020, 8, 12306-12313.	10.3	43
75	Sulfur-Mediated Interface Engineering Enables Fast SnS Nanosheet Anodes for Advanced Lithium/Sodium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 25786-25797.	8.0	53
76	Enabling high electrochemical activity of a hollow SiO₂anode by decorating it with ultrafine cobalt nanoparticles and a carbon matrix for long-lifespan lithium ion batteries. Nanoscale, 2020, 12, 13442-13449.	5.6	25
77	Clarifying the nature of the Johari-Goldstein Î²-relaxation and emphasising its fundamental importance. Philosophical Magazine, 2020, 100, 2596-2613.	1.6	17
78	SnO₂ Quantum Dots: Rational Design to Achieve Highly Reversible Conversion Reaction and Stable Capacities for Lithium and Sodium Storage. Small, 2020, 16, e2000681.	10.0	87
79	Multimodal Word Discovery and Retrieval With Spoken Descriptions and Visual Concepts. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 1560-1573.	5.8	1
80	Hierarchical N-doped carbon nanosheets submicrospheres enable superior electrochemical properties for potassium ion capacitors. Journal of Power Sources, 2020, 469, 228415.	7.8	57
81	Carbon Nanotubes Coupled with Metal Ion Diffusion Layers Stabilize Oxide Conversion Reactions in High-Voltage Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2020, 12, 16276-16285.	8.0	14
82	Unraveling Metal Oxide Role in Exfoliating Graphite: New Strategy to Construct Highâ€Performance Grapheneâ€Modified SiO_xâ€Based Anode for Lithiumâ€Ion Batteries. Advanced Functional Materials, 2020, 30, 1910657.	14.9	78
83	Immobilization of mercury by nano-elemental selenium and the underlying mechanisms in hydroponic-cultured garlic plant. Environmental Science: Nano, 2020, 7, 1115-1125.	4.3	28
84	Attribution of the land surface temperature response to land-use conversions from bare land. Global and Planetary Change, 2020, 193, 103268.	3.5	13
85	Determinants of the Asymmetric Parameter in the Generalized Complementary Principle of Evaporation. Water Resources Research, 2020, 56, e2019WR026570.	4.2	25
86	Initiation of protective autophagy in hepatocytes by gold nanorod core/silver shell nanostructures. Nanoscale, 2020, 12, 6429-6437.	5.6	17
87	Structural Disorganization and Chain Aggregation of High-Amylose Starch in Different Chloride Salt Solutions. ACS Sustainable Chemistry and Engineering, 2020, 8, 4838-4847.	6.7	26
88	Electrolyte Engineering Enables High Stability and Capacity Alloying Anodes for Sodium and Potassium Ion Batteries. ACS Energy Letters, 2020, 5, 766-776.	17.4	134
89	An Empirical Model for the Design of Batteries with High Energy Density. ACS Energy Letters, 2020, 5, 807-816.	17.4	97
90	Speech Technology for Unwritten Languages. IEEE/ACM Transactions on Audio Speech and Language Processing, 2020, 28, 964-975.	5.8	13

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91	Elucidating the Nature of the Cu(I) Active Site in CuO/TiO₂ for Excellent Low-Temperature CO Oxidation. ACS Applied Materials & Interfaces, 2020, 12, 7091-7101.	8.0	51
92	Binder-free layered ZnO@Ni microspheres as advanced anode materials for lithium-ion batteries. Ionics, 2020, 26, 3281-3288.	2.4	6
93	Bio-inspired heteroatom-doped hollow aurilave-like structured carbon for high-performance sodium-ion batteries and supercapacitors. Journal of Power Sources, 2020, 461, 228128.	7.8	24
94	Immunological Responses Induced by Blood Protein Coronas on Two-Dimensional MoS₂ Nanosheets. ACS Nano, 2020, 14, 5529-5542.	14.6	82
95	A Designed Durable Electrolyte for Highâ€Voltage Lithiumâ€Ion Batteries and Mechanism Analysis. Chemistry - A European Journal, 2020, 26, 7930-7936.	3.3	22
96	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.	9.1	78
97	Cellular Uptake, Stability, and Safety of Hollow Carbon Sphere-Protected Fe₃O₄ Nanoparticles. Journal of Nanoscience and Nanotechnology, 2020, 20, 2584-2591.	0.9	5
98	Effects of Gd on the microstructure and mechanical properties of Mgâ€“Li dual-phase alloys. International Journal of Materials Research, 2020, 111, 432-438.	0.3	0
99	Atmospheric oxidation of gaseous anthracene and phenanthrene initiated by OH radicals. Atmospheric Environment, 2020, 234, 117587.	4.1	17
100	Spherical hybrid hierarchical porous structure: A plastic model with tunable inner pores for lithium-sulfur batteries. Carbon, 2019, 153, 691-698.	10.3	24
101	Synthesis, Surface Activity, and Antimicrobial Efficacy of Hydrogenated Cardanolâ€Derived Positively Charged Asymmetric Gemini Surfactants. Journal of Surfactants and Detergents, 2019, 22, 1289-1298.	2.1	2
102	Stability of Ligands on Nanoparticles Regulating the Integrity of Biological Membranes at the Nanoâ€“Lipid Interface. ACS Nano, 2019, 13, 8680-8693.	14.6	59
103	Synthesis of Hollow Spherical Zinc-Aluminum Hydrotalcite and Its Application as Zinc Anode Material. Journal of the Electrochemical Society, 2019, 166, A2589-A2596.	2.9	6
104	Cellular Responses to Exposure to Outdoor Air from the Chinese Spring Festival at the Airâ€“Liquid Interface. Environmental Science & Technology, 2019, 53, 9128-9138.	10.0	9
105	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.	8.0	89
106	Highly degrade RhB solution ability based on CNTs-doped flower-like ZnO material. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 934-938.	2.1	0
107	Entropic elasticity and negative thermal expansion in a simple cubic crystal. Science Advances, 2019, 5, eaay2748.	10.3	28
108	Understanding Ostwald Ripening and Surface Charging Effects in Solvothermallyâ€Prepared Metal Oxideâ€“Carbon Anodes for High Performance Rechargeable Batteries. Advanced Energy Materials, 2019, 9, 1902194.	19.5	50

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109	Facile synthesis of hierarchical hexagonal flower-like WO3Â·0.33H2O nanostructures with enhanced visible-light-driven photocatalytic activity. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 755-761.	2.1	0
110	Selenium Nanoparticles as an Efficient Nanomedicine for the Therapy of Huntingtonâ€™s Disease. ACS Applied Materials & Interfaces, 2019, 11, 34725-34735.	8.0	101
111	Engineered Graphene Oxide Nanocomposite Capable of Preventing the Evolution of Antimicrobial Resistance. ACS Nano, 2019, 13, 11488-11499.	14.6	84
112	Graphene oxide (GO)-doping SnO₂ flower-like structure to enhance photocatalytic activity. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 387-394.	2.1	9
113	Graphene oxide (GO) doped CeO₂ as potential enhancer of methyl orange degradation. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 344-350.	2.1	4
114	Bio-inspired self-breathable structure driven by the volumetric effect: an unusual driving force of metal sulfide for high alkaline ion storage capability. Journal of Materials Chemistry A, 2019, 7, 5677-5684.	10.3	17
115	ZnCl₂ â€œWaterâ€inâ€Saltâ€•Electrolyte Transforms the Performance of Vanadium Oxide as a Zn Battery Cathode. Advanced Functional Materials, 2019, 29, 1902653.	14.9	213
116	Electron Compensation Effect Suppressed Silver Ion Release and Contributed Safety of Au@Ag Coreâ€“Shell Nanoparticles. Nano Letters, 2019, 19, 4478-4489.	9.1	49
117	Fatty Acid Quaternary Ammonium Surfactants Based on Renewable Resources as a Leveler for Copper Electroplating. ChemElectroChem, 2019, 6, 3213-3213.	3.4	0
118	Significantly improved cycling stability for electrochemical hydrogen storage in Ti1.4V0.6Ni alloy with TiN. Materials Research Bulletin, 2019, 118, 110509.	5.2	6
119	Mesoporous yolk-shell ZnO/C microspheres as active ingredient of zinc anode with outstanding cycle stability and high rate performance. Journal of Alloys and Compounds, 2019, 795, 391-400.	5.5	20
120	Impact of Large-Scale Afforestation on Surface Temperature: A Case Study in the Kubuqi Desert, Inner Mongolia Based on the WRF Model. Forests, 2019, 10, 368.	2.1	9
121	Hydrothermal synthesis of hierarchical flower-like Î±-CNTs/SnO₂ architectures with enhanced photocatalytic activity. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 10-13.	2.1	6
122	Ultrathin SnO2 nanosheets anchored on graphene with improved electrochemical kinetics for reversible lithium and sodium storage. Applied Surface Science, 2019, 484, 646-654.	6.1	29
123	Lithium dendrite-free plating/stripping: a new synergistic lithium ion solvation structure effect for reliable lithiumâ€“sulfur full batteries. Chemical Communications, 2019, 55, 5713-5716.	4.1	24
124	Ozonolysis of 3-carene in the atmosphere. Formation mechanism of hydroxyl radical and secondary ozonides. Physical Chemistry Chemical Physics, 2019, 21, 8081-8091.	2.8	8
125	Theoretical assessment of wettability on silane coatings: from hydrophilic to hydrophobic. Physical Chemistry Chemical Physics, 2019, 21, 8257-8263.	2.8	4
126	A rational design to buffer volume expansion of CoSn intermetallic in lithium and sodium storage: Multicore-shell versus monocore-shell. Energy Storage Materials, 2019, 23, 629-635.	18.0	26

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127	Metalâ€“Organic Coordination Strategy for Obtaining Metalâ€Decorated Moâ€Based Complexes: Multiâ€dimensional Structural Evolution and Highâ€Rate Lithiumâ€Ion Battery Applications. Chemistry - A European Journal, 2019, 25, 8813-8819.	3.3	16
128	Different morphologies of strontium carbonate in water/ethylene glycol and their photocatalytic activity. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 46-51.	2.1	6
129	Synthesis of Ce-doped GN/ZnO architectures with enhanced photocatalytic activity. Fullerenes Nanotubes and Carbon Nanostructures, 2019, 27, 28-32.	2.1	0
130	Overexpression of maize sucrose non-fermenting-1-related protein kinase 1 genes, ZmSnRK1s, causes alteration in carbon metabolism and leaf senescence in Arabidopsis thaliana. Gene, 2019, 691, 34-44.	2.2	22
131	Carbon fiber@ pore-ZnO composite as anode materials for structural lithium-ion batteries. Journal of Electroanalytical Chemistry, 2019, 833, 39-46.	3.8	27
132	A lateral flow assay for copper(II) utilizing catalytic and stem-loop based signal amplification. Mikrochimica Acta, 2019, 186, 82.	5.0	13
133	Superhydrophobic SERS substrates based on silver dendrite-decorated filter paper for trace detection of nitenpyram. Analytica Chimica Acta, 2019, 1049, 170-178.	5.4	59
134	Fabrication and electrochemical performance of flower-like ZnAl LDH/SnO2 composites for zinc-nickel secondary batteries. Ionics, 2019, 25, 1715-1724.	2.4	8
135	Synthesis of rose-like ZnAl-LDH and its application in zincâ€“nickel secondary battery. Nanotechnology, 2019, 30, 015602.	2.6	11
136	Facile synthesis of metal disulfides nanoparticles encapsulated by amorphous carbon composites as high-performance electrode materials for lithium storage. Journal of Alloys and Compounds, 2019, 773, 97-104.	5.5	16
137	Immobilized Ferrous Ion and Glucose Oxidase on Graphdiyne and Its Application on One-Step Glucose Detection. ACS Applied Materials & Interfaces, 2019, 11, 2647-2654.	8.0	86
138	Mechanism of Gas-Phase Ozonolysis of Î²-Myrcene in the Atmosphere. Journal of Physical Chemistry A, 2018, 122, 3013-3020.	2.5	21
139	Synthesis, Surface Activity, and Antimicrobial Efficacy of Diaryliodonium Saltâ€Derived Amphiphiles. Journal of Surfactants and Detergents, 2018, 21, 323-334.	2.1	1
140	Facile synthesis of one-dimensional hollow Sb2O3@TiO2 composites as anode materials for lithium ion batteries. Journal of Power Sources, 2018, 389, 214-221.	7.8	51
141	A Kind of Coordination Complex Cement for the Self-Assembly of Superstructure. ACS Nano, 2018, 12, 4002-4009.	14.6	36
142	Advanced and safer lithium-ion battery based on sustainable electrodes. Journal of Power Sources, 2018, 379, 53-59.	7.8	21
143	Graphdiyne Nanosheet-Based Drug Delivery Platform for Photothermal/Chemotherapy Combination Treatment of Cancer. ACS Applied Materials & Interfaces, 2018, 10, 8436-8442.	8.0	130
144	Electrochemical activation, voltage decay and hysteresis of Li-rich layered cathode probed by various cobalt content. Electrochimica Acta, 2018, 265, 115-120.	5.2	41

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145	Response of Surface Temperature to Afforestation in the Kubuqi Desert, Inner Mongolia. Journal of Geophysical Research D: Atmospheres, 2018, 123, 948-964.	3.3	36
146	Improved electrochemical hydrogen storage capacity of Ti 45 Zr 38 Ni 17 quasicrystal by addition of ZrH 2. Journal of Materials Science and Technology, 2018, 34, 995-998.	10.7	9
147	High alkaline ion storage capacity of hollow interwoven structured Sb/TiO₂ particles: the galvanic replacement formation mechanism and volumetric buffer effect. Chemical Communications, 2018, 54, 4049-4052.	4.1	33
148	Improvement in ion transport in Na3PSe4â€“Na3SbSe4 by Sb substitution. Journal of Materials Science, 2018, 53, 1987-1994.	3.7	43
149	PAN-based carbon fiber@SnO2 for highly reversible structural lithium-ion battery anode. Ionics, 2018, 24, 1049-1055.	2.4	24
150	Advanced Metal Oxide@Carbon Nanotubes for Highâ€Energy Lithiumâ€Ion Full Batteries. Energy Technology, 2018, 6, 766-772.	3.8	16
151	Nanosized FexNi2-xP embedded phosphorus-doped carbon nanorods with superior lithium storage performance. Energy Storage Materials, 2018, 12, 103-109.	18.0	24
152	Sustainable solid-state strategy to hierarchical core-shell structured Fe3O4@graphene towards a safer and green sodium ion full battery. Electrochimica Acta, 2018, 260, 882-889.	5.2	40
153	Microwave-assisted synthesis of the sandwich-like porous Al2O3/RGO nanosheets anchoring NiO nanocomposite as anode materials for lithium-ion batteries. Applied Surface Science, 2018, 427, 354-362.	6.1	21
154	A high-rate aqueous rechargeable zinc ion battery based on the VS₄@rGO nanocomposite. Journal of Materials Chemistry A, 2018, 6, 23757-23765.	10.3	196
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