Li Wei

List of Publications by Year
in descending order

149 papers	13,247 citations	30070 54 h-index	23533 111 g-index
151 all docs	151 docs citations	151 times ranked	16197 citing authors

#	Article	IF	Citations
1	Scalable synthesis of hierarchically structured carbon nanotubeâ€“graphene fibres for capacitive energy storage. Nature Nanotechnology, 2014, 9, 555-562.	31.5	1,312
2	Atomic Modulation of FeCoâ€“Nitrogenâ€“Carbon Bifunctional Oxygen Electrodes for Rechargeable and Flexible Allâ€Solidâ€State Zincâ€“Air Battery. Advanced Energy Materials, 2017, 7, 1602420.	19.5	692
3	Bifunctional Nickel Phosphide Nanocatalysts Supported on Carbon Fiber Paper for Highly Efficient and Stable Overall Water Splitting. Advanced Functional Materials, 2016, 26, 4067-4077.	14.9	591
4	A high performance sulfur-doped disordered carbon anode for sodium ion batteries. Energy and Environmental Science, 2015, 8, 2916-2921.	30.8	535
5	Emergence of fiber supercapacitors. Chemical Society Reviews, 2015, 44, 647-662.	38.1	498
6	Sharper and Faster â€œNano Dartsâ€•Kill More Bacteria: A Study of Antibacterial Activity of Individually Dispersed Pristine Single-Walled Carbon Nanotube. ACS Nano, 2009, 3, 3891-3902.	14.6	493
7	Ternary Hybrids of Amorphous Nickel Hydroxideâ€“Carbon Nanotubeâ€Conducting Polymer for Supercapacitors with High Energy Density, Excellent Rate Capability, and Long Cycle Life. Advanced Functional Materials, 2015, 25, 1063-1073.	14.9	288
8	Allâ€Carbon Nanoarchitectures as Highâ€Performance Separation Membranes with Superior Stability. Advanced Functional Materials, 2015, 25, 7348-7359.	14.9	248
9	Controlled Functionalization of Carbonaceous Fibers for Asymmetric Solidâ€State Microâ€Supercapacitors with High Volumetric Energy Density. Advanced Materials, 2014, 26, 6790-6797.	21.0	243
10	Amorphous Bimetallic Oxideâ€“Graphene Hybrids as Bifunctional Oxygen Electrocatalysts for Rechargeable Znâ€“Air Batteries. Advanced Materials, 2017, 29, 1701410.	21.0	243
11	Surpassing the single-atom catalytic activity limit through paired Pt-O-Pt ensemble built from isolated Pt1 atoms. Nature Communications, 2019, 10, 3808.	12.8	225
12	Electrocatalytic hydrogen evolution under neutral pH conditions: current understandings, recent advances, and future prospects. Energy and Environmental Science, 2020, 13, 3185-3206.	30.8	225
13	A Flexible Rechargeable Zincâ€“Air Battery with Excellent Lowâ€Temperature Adaptability. Angewandte Chemie - International Edition, 2020, 59, 4793-4799.	13.8	217
14	Synthesis of graphene materials by electrochemical exfoliation: Recent progress and future potential. , 2019, 1, 173-199.		213
15	Graphene oxide as effective selective barriers on a hollow fiber membrane for water treatment process. Journal of Membrane Science, 2015, 474, 244-253.	8.2	211
16	Recent Progress of Carbon-Supported Single-Atom Catalysts for Energy Conversion and Storage. Matter, 2020, 3, 1442-1476.	10.0	196
17	Transforming Pristine Carbon Fiber Tows into High Performance Solidâ€State Fiber Supercapacitors. Advanced Materials, 2015, 27, 4895-4901.	21.0	193
18	Recent Advances in Materials and Design of Electrochemically Rechargeable Zincâ€“Air Batteries. Small, 2018, 14, e1801929.	10.0	192

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19	Carbon nanomaterials for advancing separation membranes: A strategic perspective. Carbon, 2016, 109, 694-710.	10.3	189
20	(n,m) Selectivity of Single-Walled Carbon Nanotubes by Different Carbon Precursors on Coâ^'Mo Catalysts. Journal of the American Chemical Society, 2007, 129, 9014-9019.	13.7	184
21	Prussian blue, its analogues and their derived materials for electrochemical energy storage and conversion. Energy Storage Materials, 2020, 25, 585-612.	18.0	181
22	Intrinsic Activity of Metal Centers in Metalâ€"Nitrogenâ€"Carbon Single-Atom Catalysts for Hydrogen Peroxide Synthesis. Journal of the American Chemical Society, 2020, 142, 21861-21871.	13.7	163
23	1D Supercapacitors for Emerging Electronics: Current Status and Future Directions. Advanced Materials, 2020, 32, e1902387.	21.0	158
24	Nitrogen doped holey graphene as an efficient metal-free multifunctional electrochemical catalyst for hydrazine oxidation and oxygen reduction. Nanoscale, 2013, 5, 3457.	5.6	154
25	Sandwich-Architectured Poly(lactic acid)â€"Graphene Composite Food Packaging Films. ACS Applied Materials & Interfaces, 2016, 8, 9994-10004.	8.0	146
26	Homogeneous, Heterogeneous, and Biological Catalysts for Electrochemical N₂ Reduction toward NH₃ under Ambient Conditions. ACS Catalysis, 2019, 9, 5245-5267.	11.2	145
27	Flexible Zincâ€Ion Hybrid Fiber Capacitors with Ultrahigh Energy Density and Long Cycling Life for Wearable Electronics. Small, 2019, 15, e1903817.	10.0	143
28	Enhanced cocatalyst-support interaction and promoted electron transfer of 3D porous g-C3N4/GO-M (Au, Pd, Pt) composite catalysts for hydrogen evolution. Applied Catalysis B: Environmental, 2021, 288, 120034.	20.2	130
29	Textile energy storage: Structural design concepts, material selection and future perspectives. Energy Storage Materials, 2016, 3, 123-139.	18.0	128
30	Ultrathin nickel boride nanosheets anchored on functionalized carbon nanotubes as bifunctional electrocatalysts for overall water splitting. Journal of Materials Chemistry A, 2019, 7, 764-774.	10.3	123
31	All-carbon solid-state yarn supercapacitors from activated carbon and carbon fibers for smart textiles. Materials Horizons, 2015, 2, 598-605.	12.2	120
32	Selective Synthesis of (9,8) Single Walled Carbon Nanotubes on Cobalt Incorporated TUD-1 Catalysts. Journal of the American Chemical Society, 2010, 132, 16747-16749.	13.7	119
33	A hierarchically porous nickelâ€"copper phosphide nano-foam for efficient electrochemical splitting of water. Nanoscale, 2017, 9, 4401-4408.	5.6	110
34	Catalysts for chirality selective synthesis of single-walled carbon nanotubes. Carbon, 2015, 81, 1-19.	10.3	106
35	Specific and reversible immobilization of NADH oxidase on functionalized carbon nanotubes. Journal of Biotechnology, 2010, 150, 57-63.	3.8	105
36	A graphene-covalent organic framework hybrid for high-performance supercapacitors. Energy Storage Materials, 2020, 32, 448-457.	18.0	103

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37	Self-Assembly of Ir-Based Nanosheets with Ordered Interlayer Space for Enhanced Electrocatalytic Water Oxidation. Journal of the American Chemical Society, 2022, 144, 2208-2217.	13.7	103
38	Fabrication of novel functionalized multi-walled carbon nanotube immobilized hollow fiber membranes for enhanced performance in forward osmosis process. Journal of Membrane Science, 2013, 446, 244-254.	8.2	102
39	Chiral-Selective CoSO₄/SiO₂ Catalyst for (9,8) Single-Walled Carbon Nanotube Growth. ACS Nano, 2013, 7, 614-626.	14.6	101
40	Hydrogen evolution reaction activity of nickel phosphide is highly sensitive to electrolyte pH. Journal of Materials Chemistry A, 2017, 5, 20390-20397.	10.3	98
41	Space-confined assembly of all-carbon hybrid fibers for capacitive energy storage: realizing a built-to-order concept for micro-supercapacitors. Energy and Environmental Science, 2016, 9, 611-622.	30.8	94
42	Coâ€“Feâ€“Cr (oxy)Hydroxides as Efficient Oxygen Evolution Reaction Catalysts. Advanced Energy Materials, 2021, 11, 2003412.	19.5	94
43	Experimental design and theoretical calculation for sulfur-doped carbon nanofibers as a high performance sodium-ion battery anode. Journal of Materials Chemistry A, 2019, 7, 10239-10245.	10.3	91
44	Toward efficient and high rate sodium-ion storage: A new insight from dopant-defect interplay in textured carbon anode materials. Energy Storage Materials, 2020, 28, 55-63.	18.0	85
45	One-Dimensional van der Waals Heterostructures as Efficient Metal-Free Oxygen Electrocatalysts. ACS Nano, 2021, 15, 3309-3319.	14.6	79
46	A high-performance metal-free hydrogen-evolution reaction electrocatalyst from bacterium derived carbon. Journal of Materials Chemistry A, 2015, 3, 7210-7214.	10.3	75
47	Ethanol-Assisted Graphene Oxide-Based Thin Film Formation at Pentaneâ€“Water Interface. Langmuir, 2011, 27, 9174-9181.	3.5	73
48	Pressure-Induced Single-Walled Carbon Nanotube (n,m) Selectivity on Coâ^'Mo Catalysts. Journal of Physical Chemistry C, 2007, 111, 14612-14616.	3.1	72
49	2D materials for 1D electrochemical energy storage devices. Energy Storage Materials, 2019, 19, 102-123.	18.0	71
50	A Durable Na_{0.56}V₂O₅ Nanobelt Cathode Material Assisted by Hybrid Cationic Electrolyte for Highâ€Performance Aqueous Zincâ€Ion Batteries. ChemElectroChem, 2020, 7, 283-288.	3.4	66
51	Toward High-Performance Solution-Processed Carbon Nanotube Network Transistors by Removing Nanotube Bundles. Journal of Physical Chemistry C, 2008, 112, 12089-12091.	3.1	64
52	A Stable Bifunctional Catalyst for Rechargeable Zincâ€“Air Batteries: Ironâ€“Cobalt Nanoparticles Embedded in a Nitrogenâ€Doped 3D Carbon Matrix. Angewandte Chemie, 2018, 130, 16398-16402.	2.0	64
53	Rechargeable zinc-air batteries with neutral electrolytes: Recent advances, challenges, and prospects. EnergyChem, 2021, 3, 100055.	19.1	59
54	Selective Enrichment of (6,5) and (8,3) Single-Walled Carbon Nanotubes via Cosurfactant Extraction from Narrow (n,m) Distribution Samples. Journal of Physical Chemistry B, 2008, 112, 2771-2774.	2.6	57

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55	Metal-free bifunctional carbon electrocatalysts derived from zeolitic imidazolate frameworks for efficient water splitting. Materials Chemistry Frontiers, 2018, 2, 102-111.	5.9	57
56	A Flexible Rechargeable Zincâ€"Air Battery with Excellent Lowâ€Temperature Adaptability. Angewandte Chemie, 2020, 132, 4823-4829.	2.0	57
57	Low-Defect, Purified, Narrowly (n,m)-Dispersed Single-Walled Carbon Nanotubes Grown from Cobalt-Incorporated MCM-41. ACS Nano, 2007, 1, 327-336.	14.6	56
58	Energy Transfer from Photo-Excited Fluorene Polymers to Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2009, 113, 14946-14952.	3.1	54
59	Nitrogenâ€Doped Singleâ€Walled Carbon Nanotubes Grown on Substrates: Evidence for Framework Doping and Their Enhanced Properties. Advanced Functional Materials, 2011, 21, 986-992.	14.9	54
60	Big to Small: Ultrafine Mo₂C Particles Derived from Giant Polyoxomolybdate Clusters for Hydrogen Evolution Reaction. Small, 2019, 15, e1900358.	10.0	53
61	A core-sheath holey graphene/graphite composite fiber intercalated with MoS2 nanosheets for high-performance fiber supercapacitors. Electrochimica Acta, 2019, 305, 493-501.	5.2	51
62	Thiocyanate-Modified Silver Nanofoam for Efficient CO₂ Reduction to CO. ACS Catalysis, 2020, 10, 1444-1453.	11.2	51
63	Probing the Diameter Limit of Single Walled Carbon Nanotubes in SWCNT: Fullerene Solar Cells. Advanced Energy Materials, 2016, 6, 1600890.	19.5	50
64	The roles of metal-organic frameworks in modulating water permeability of graphene oxide-based carbon membranes. Carbon, 2019, 148, 277-289.	10.3	50
65	Carbon nanomaterials for photovoltaic process. Nano Energy, 2015, 15, 490-522.	16.0	47
66	Octahedral Coordinated Trivalent Cobalt Enriched Multimetal Oxygenâ€Evolution Catalysts. Advanced Energy Materials, 2020, 10, 2002593.	19.5	47
67	Hierarchically porous carbon nanofibers embedded with cobalt nanoparticles for efficient H2O2 detection on multiple sensor platforms. Sensors and Actuators B: Chemical, 2020, 319, 128243.	7.8	46
68	Graphene oxide laminates intercalated with 2D covalent-organic frameworks as a robust nanofiltration membrane. Journal of Materials Chemistry A, 2020, 8, 9713-9725.	10.3	46
69	Milk powder-derived bifunctional oxygen electrocatalysts for rechargeable Zn-air battery. Energy Storage Materials, 2018, 11, 134-143.	18.0	45
70	Microbe-derived carbon materials for electrical energy storage and conversion. Journal of Energy Chemistry, 2016, 25, 191-198.	12.9	44
71	Catalytic activity atlas of ternary Coâ€"Feâ€"V metal oxides for the oxygen evolution reaction. Journal of Materials Chemistry A, 2020, 8, 15951-15961.	10.3	43
72	Drying graphene hydrogel fibers for capacitive energy storage. Carbon, 2020, 164, 100-110.	10.3	43

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73	Preparation and electrochemical properties of MnO2nanosheets attached to Au nanoparticles on carbon nanotubes. Dalton Transactions, 2011, 40, 2332-2337.	3.3	42
74	Bacterial physiology is a key modulator of the antibacterial activity of graphene oxide. Nanoscale, 2016, 8, 17181-17189.	5.6	42
75	The on-demand engineering of metal-doped porous carbon nanofibers as efficient bifunctional oxygen catalysts for high-performance flexible Znâ€“air batteries. Journal of Materials Chemistry A, 2020, 8, 7297-7308.	10.3	41
76	Anionic defect-enriched ZnMn2O4 nanorods with boosting pseudocapacitance for high-efficient and durable Li/Na storage. Chemical Engineering Journal, 2021, 406, 126133.	12.7	38
77	Diminishing the Uncoordinated N Species in Co-N-C Catalysts toward Highly Efficient Electrochemical CO₂ Reduction. ACS Catalysis, 2022, 12, 2513-2521.	11.2	38
78	Antimicrobial graphene materials: the interplay of complex materials characteristics and competing mechanisms. Biomaterials Science, 2018, 6, 766-773.	5.4	37
79	Graphene layers on Cu and Ni (111) surfaces in layer controlled graphene growth. RSC Advances, 2013, 3, 3046.	3.6	36
80	3d Transitionâ€Metalâ€Mediated Columbite Nanocatalysts for Decentralized Electrosynthesis of Hydrogen Peroxide. Small, 2021, 17, e2007249.	10.0	35
81	Multifunctional nitrogen-rich â€œbrick-and-mortarâ€•carbon as high performance supercapacitor electrodes and oxygen reduction electrocatalysts. Journal of Materials Chemistry A, 2013, 1, 11061.	10.3	34
82	Hydrothermal assembly of micro-nano-integrated core-sheath carbon fibers for high-performance all-carbon micro-supercapacitors. Energy Storage Materials, 2017, 9, 221-228.	18.0	34
83	Hybrid ternary rice paperâ€“manganese oxideâ€“carbon nanotube nanocomposites for flexible supercapacitors. Nanoscale, 2013, 5, 11108.	5.6	33
84	â€œSmart poisoningâ€•of Co/SiO2catalysts by sulfidation for chirality-selective synthesis of (9,8) single-walled carbon nanotubes. Nanoscale, 2016, 8, 17705-17713.	5.6	32
85	Recent advances in hard carbon anodes with high initial Coulombic efficiency for sodium-ion batteries. Nano Materials Science, 2023, 5, 189-201.	8.8	32
86	Electro-synthesized Ni coordination supermolecular-networks-coated exfoliated graphene composite materials for high-performance asymmetric supercapacitors. Journal of Materials Chemistry A, 2016, 4, 16476-16483.	10.3	31
87	Biomass-derived tubular carbon materials: progress in synthesis and applications. Journal of Materials Chemistry A, 2021, 9, 13822-13850.	10.3	31
88	Flexible Freeâ€Standing VO₂/MXene Conductive Films as Cathodes for Quasiâ€Solidâ€State Zincâ€Ion Batteries. ChemElectroChem, 2021, 8, 1091-1097.	3.4	31
89	Synergism of Water Shock and a Biocompatible Block Copolymer Potentiates the Antibacterial Activity of Graphene Oxide. Small, 2016, 12, 951-962.	10.0	30
90	Robust hetero-MoO3/MoO2@N-doped carbon nanobelts decorated with oxygen deficiencies as high-performance anodes for potassium/sodium storage. Journal of Colloid and Interface Science, 2021, 599, 730-740.	9.4	30

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91	Pressure-retarded membrane distillation for simultaneous hypersaline brine desalination and low-grade heat harvesting. Journal of Membrane Science, 2020, 597, 117765.	8.2	29
92	Biowaste-sustained MoSe2 composite as an efficient anode for sodium/potassium storage applications. Journal of Alloys and Compounds, 2021, 850, 156770.	5.5	29
93	Acetoneâ€Induced Graphene Oxide Film Formation at the Waterâ€“Air Interface. Chemistry - an Asian Journal, 2013, 8, 437-443.	3.3	28
94	Exploring the upper limit of single-walled carbon nanotube purity by multiple-cycle aqueous two-phase separation. Nanoscale, 2017, 9, 11640-11646.	5.6	28
95	Enrichment of (8,4) Singleâ€Walled Carbon Nanotubes Through Coextraction with Heparin. Small, 2010, 6, 110-118.	10.0	27
96	Pressure-retarded membrane distillation for low-grade heat recovery: The critical roles of pressure-induced membrane deformation. Journal of Membrane Science, 2019, 579, 90-101.	8.2	27
97	Ultralow-platinum-loading nanocarbon hybrids for highly sensitive hydrogen peroxide detection. Sensors and Actuators B: Chemical, 2019, 283, 304-311.	7.8	27
98	Pollution to solution: A universal electrocatalyst for reduction of all NOx-based species to NH3. Chem Catalysis, 2022, 2, 622-638.	6.1	27
99	Effect of Centrifugation on the Purity of Single-Walled Carbon Nanotubes from MCM-41 Containing Cobalt. Journal of Physical Chemistry C, 2008, 112, 17567-17575.	3.1	26
100	Sulfur-induced chirality changes in single-walled carbon nanotube synthesis by ethanol chemical vapor deposition on a Co/SiO₂catalyst. Journal of Materials Chemistry A, 2015, 3, 3310-3319.	10.3	26
101	Ultrafast hydrothermal assembly of nanocarbon microfibers in near-critical water for 3D microsupercapacitors. Carbon, 2018, 132, 698-708.	10.3	26
102	Recognition of carbon nanotube chirality by phage display. RSC Advances, 2012, 2, 1466-1476.	3.6	25
103	Co-doped NixPy loading on Co3O4 embedded in Ni foam as a hierarchically porous self-supported electrode for overall water splitting. Chemical Engineering Journal, 2021, 422, 130062.	12.7	24
104	Assemble 2D redox-active covalent organic framework/graphene hybrids as high-performance capacitive materials. Carbon, 2022, 190, 412-421.	10.3	24
105	(9,8) Singleâ€Walled Carbon Nanotube Enrichment via Aqueous Twoâ€Phase Separation and Their Thinâ€Film Transistor Applications. Advanced Electronic Materials, 2015, 1, 1500151.	5.1	23
106	Organic pillars pre-intercalated V4+-V2O5Â·3H2O nanocomposites with enlarged interlayer and mixed valence for aqueous Zn-ion storage. Applied Surface Science, 2020, 534, 147608.	6.1	23
107	Core-shell structured graphene aerogels with multifunctional mechanical, thermal and electromechanical properties. Carbon, 2020, 162, 365-374.	10.3	23
108	Rational design of Prussian blue analogues as conversion anodes for lithium-ion batteries with high capacity and long cycle life. Journal of Alloys and Compounds, 2022, 891, 161867.	5.5	22

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109	Bifunctional catalysts for heterogeneous electro-Fenton processes: a review. Environmental Chemistry Letters, 2022, 20, 3837-3859.	16.2	22
110	Reactive Sites for Chiral Selective Growth of Single-Walled Carbon Nanotubes: A DFT Study of Ni₅₅â€“C_n Complexes. Journal of Physical Chemistry A, 2012, 116, 11709-11717.	2.5	21
111	Degradation: A critical challenge for Mâ€“Nâ€“C electrocatalysts. Journal of Energy Chemistry, 2021, 63, 667-674.	12.9	21
112	Bolometric-Effect-Based Wavelength-Selective Photodetectors Using Sorted Single Chirality Carbon Nanotubes. Scientific Reports, 2015, 5, 17883.	3.3	20
113	Impact of Sublethal Levels of Single-Wall Carbon Nanotubes on Pyoverdine Production in Pseudomonas aeruginosa and Its Environmental Implications. Environmental Science and Technology Letters, 2015, 2, 105-111.	8.7	19
114	Low-Temperature Electroluminescence Excitation Mapping of Excitons and Trions in Short-Channel Monochiral Carbon Nanotube Devices. ACS Nano, 2020, 14, 2709-2717.	14.6	19
115	Extraction of (9,8) Singleâ€Walled Carbon Nanotubes by Fluoreneâ€Based Polymers. Chemistry - an Asian Journal, 2014, 9, 868-877.	3.3	18
116	E. coli-derived carbon with nitrogen and phosphorus dual functionalities for oxygen reduction reaction. Catalysis Today, 2015, 249, 228-235.	4.4	18
117	Thermo-osmosis-Coupled Thermally Regenerative Electrochemical Cycle for Efficient Lithium Extraction. ACS Applied Materials & Interfaces, 2021, 13, 6276-6285.	8.0	18
118	Assessment of (n,m) Selectively Enriched Small Diameter Single-Walled Carbon Nanotubes by Density Differentiation from Cobalt-Incorporated MCM-41 for Macroelectronics. Chemistry of Materials, 2008, 20, 7417-7424.	6.7	17
119	Formation of single-walled carbon nanotube thin films enriched with semiconducting nanotubes and their application in photoelectrochemical devices. Nanoscale, 2011, 3, 1845.	5.6	17
120	High-energy-density aqueous sodium-ion batteries enabled by chromium hexacycnochromate anodes. Chemical Engineering Journal, 2021, 415, 129003.	12.7	17
121	Narrow-chirality distributed single-walled carbon nanotube synthesis by remote plasma enhanced ethanol deposition on cobalt incorporated MCM-41 catalyst. Carbon, 2014, 66, 134-143.	10.3	16
122	Synthesis of free-standing carbon nanohybrid by directly growing carbon nanotubes on air-sprayed graphene oxide paper and its application in supercapacitor. Journal of Solid State Chemistry, 2015, 224, 45-51.	2.9	16
123	Cobalt Nanoparticles Confined in Carbon Cages Derived from Zeolitic Imidazolate Frameworks as Efficient Oxygen Electrocatalysts for Zincâ€Air Batteries. Batteries and Supercaps, 2019, 2, 355-363.	4.7	16
124	Nickel hydroxideâ€“carbon nanotube nanocomposites as supercapacitor electrodes: crystallinity dependent performances. Nanotechnology, 2015, 26, 314003.	2.6	15
125	Mosaic Red Phosphorus/MoS₂ Hybrid as an Anode to Boost Potassiumâ€Ion Storage. ChemElectroChem, 2019, 6, 4689-4695.	3.4	15
126	Porous Ni Foams Filled by N-Doped Carbon Nanotubes Coated with N-Doped Ni₃P and Ni Nanoparticles for Catalytic Water Splitting. ACS Applied Nano Materials, 2021, 4, 7443-7453.	5.0	15

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127	Charge-induced conductance modulation of carbon nanotube field effect transistor memory devices. Carbon, 2009, 47, 3063-3070.	10.3	14
128	Novel antimony phosphate loaded on grid-like N, S-doped carbon for facilitating sodium-ion storage. Chemical Engineering Journal, 2021, 415, 128942.	12.7	13
129	Aggregation-Dependent Photoluminescence Sidebands in Single-Walled Carbon Nanotube. Journal of Physical Chemistry C, 2010, 114, 6704-6711.	3.1	12
130	Lamellar V₅O₁₂Â·6H₂O Nanobelts Coupled with Inert Zn(OH)₂Â·0.5H₂O as Cathode for Aqueous Zn²⁺/Nonaqueous Na⁺ Storage Applications. Energy Technology, 2020, 8, 1901105.	3.8	12
131	Length-dependent performances of sodium deoxycholate-dispersed single-walled carbon nanotube thin-film transistors. Journal of Materials Research, 2013, 28, 1004-1011.	2.6	11
132	Viscosity sensitive near-infrared fluorescent probes based on functionalized single-walled carbon nanotubes. Chemical Communications, 2020, 56, 8301-8304.	4.1	11
133	Graphitic carbon from catalytic methane decomposition as efficient conductive additives for zinc-carbon batteries. Carbon, 2022, 192, 84-92.	10.3	10
134	High-performance Feâ€“Nâ€“C electrocatalysts with a â€œchain mailâ€•protective shield. Nano Materials Science, 2021, 3, 420-428.	8.8	9
135	One-dimensional covalent organic frameworkâ€”Carbon nanotube heterostructures for efficient capacitive energy storage. Applied Physics Letters, 2021, 119, .	3.3	9
136	One-step dual template synthesis of platinum on mesoporous carbon nanowires for electrocatalysts. International Journal of Hydrogen Energy, 2013, 38, 2754-2759.	7.1	8
137	A descriptor for the structural stability of organicâ€“inorganic hybrid perovskites based on binding mechanism in electronic structure. Journal of Molecular Modeling, 2022, 28, 80.	1.8	8
138	Printed thin film transistors with 108 on/off ratios and photoelectrical synergistic characteristics using isoindigo-based polymers-enriched (9,8) carbon nanotubes. Nano Research, 2022, 15, 5517-5526.	10.4	7
139	Facile preparation of Carbon nanotubes and graphene sheets by a catalyst-free refluxing approach. Nano Research, 2012, 5, 640-645.	10.4	6
140	Synergetic V₂O₅Â·3H₂O/Metallic VS₂ Nanocomposites Endow a Long Life and High Rate Capability to Aqueous Zinc-Ion Batteries. Energy & Fuels, 2022, 36, 3319-3327.	5.1	6
141	Interfacial engineering of heterogeneous molecular electrocatalysts using ionic liquids towards efficient hydrogen peroxide production. Chinese Journal of Catalysis, 2022, 43, 1238-1246.	14.0	6
142	IN SITU FORMATION OF COBALT NANOCLUSTERS IN SOLâ€“GEL SILICA FILMS FOR SINGLE-WALLED CARBON NANOTUBE GROWTH. Nano, 2009, 04, 99-106.	1.0	5
143	Mechanical reinforcement of polyethylene using n- alkyl group-functionalized multiwalled carbon nanotubes: Effect of alkyl group carbon chain length and density. Polymer Engineering and Science, 2014, 54, 336-344.	3.1	5
144	Vanishing Hysteresis in Carbon Nanotube Transistors Embedded in Boron Nitride/Polytetrafluoroethylene Heterolayers. Physica Status Solidi - Rapid Research Letters, 2020, 14, 2000193.	2.4	5

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145	Ionic liquid gating of single-walled carbon nanotube devices with ultra-short channel length down to 10â€‰nm. Applied Physics Letters, 2021, 118, .	3.3	5
146	Dualâ€Template Pore Engineering of Whey Powderâ€Derived Carbon as an Efficient Oxygen Reduction Reaction Electrocatalyst for Primary Zincâ€Air Battery. Chemistry - an Asian Journal, 2020, 15, 1881-1889.	3.3	3
147	Construction of hierarchical flowerâ€shaped (NH4)2V3O8/rGO with enhanced zinc storage performance. ChemElectroChem, 0, , .	3.4	1
148	Chirality selective synthesis and enrichment of single walled carbon nanotubes for macroelectronics. , 2011, , .		0
149	Antibacterial performance of graphene oxide complemented with pluronic F-127 on physiologically mature gram-negative bacteria. , 2017, , .		0