

Li Wei

List of Publications by Year in descending order

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149
papers

13,247
citations

30070

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23533

111
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151
all docs

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docs citations

151
times ranked

16197
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in hard carbon anodes with high initial Coulombic efficiency for sodium-ion batteries. <i>Nano Materials Science</i> , 2023, 5, 189-201.	8.8	32
2	Rational design of Prussian blue analogues as conversion anodes for lithium-ion batteries with high capacity and long cycle life. <i>Journal of Alloys and Compounds</i> , 2022, 891, 161867.	5.5	22
3	Self-Assembly of Ir-Based Nanosheets with Ordered Interlayer Space for Enhanced Electrocatalytic Water Oxidation. <i>Journal of the American Chemical Society</i> , 2022, 144, 2208-2217.	13.7	103
4	Assemble 2D redox-active covalent organic framework/graphene hybrids as high-performance capacitive materials. <i>Carbon</i> , 2022, 190, 412-421.	10.3	24
5	Diminishing the Uncoordinated N Species in Co-N-C Catalysts toward Highly Efficient Electrochemical CO ₂ Reduction. <i>ACS Catalysis</i> , 2022, 12, 2513-2521.	11.2	38
6	Pollution to solution: A universal electrocatalyst for reduction of all NO _x -based species to NH ₃ . <i>Chem Catalysis</i> , 2022, 2, 622-638.	6.1	27
7	Synergetic V ₂ O ₅ ·3H ₂ O/Metallic VS ₂ Nanocomposites Endow a Long Life and High Rate Capability to Aqueous Zinc-Ion Batteries. <i>Energy & Fuels</i> , 2022, 36, 3319-3327.	5.1	6
8	A descriptor for the structural stability of organic-inorganic hybrid perovskites based on binding mechanism in electronic structure. <i>Journal of Molecular Modeling</i> , 2022, 28, 80.	1.8	8
9	Printed thin film transistors with 10 ⁸ on/off ratios and photoelectrical synergistic characteristics using isoindigo-based polymers-enriched (9,8) carbon nanotubes. <i>Nano Research</i> , 2022, 15, 5517-5526.	10.4	7
10	Interfacial engineering of heterogeneous molecular electrocatalysts using ionic liquids towards efficient hydrogen peroxide production. <i>Chinese Journal of Catalysis</i> , 2022, 43, 1238-1246.	14.0	6
11	Graphitic carbon from catalytic methane decomposition as efficient conductive additives for zinc-carbon batteries. <i>Carbon</i> , 2022, 192, 84-92.	10.3	10
12	Bifunctional catalysts for heterogeneous electro-Fenton processes: a review. <i>Environmental Chemistry Letters</i> , 2022, 20, 3837-3859.	16.2	22
13	Anionic defect-enriched ZnMn ₂ O ₄ nanorods with boosting pseudocapacitance for high-efficient and durable Li/Na storage. <i>Chemical Engineering Journal</i> , 2021, 406, 126133.	12.7	38
14	Biowaste-sustained MoSe ₂ composite as an efficient anode for sodium/potassium storage applications. <i>Journal of Alloys and Compounds</i> , 2021, 850, 156770.	5.5	29
15	One-Dimensional van der Waals Heterostructures as Efficient Metal-Free Oxygen Electrocatalysts. <i>ACS Nano</i> , 2021, 15, 3309-3319.	14.6	79
16	Biomass-derived tubular carbon materials: progress in synthesis and applications. <i>Journal of Materials Chemistry A</i> , 2021, 9, 13822-13850.	10.3	31
17	Ionic liquid gating of single-walled carbon nanotube devices with ultra-short channel length down to 10 ² nm. <i>Applied Physics Letters</i> , 2021, 118, .	3.3	5
18	Flexible Free-Standing VO ₂ /MXene Conductive Films as Cathodes for Quasi-Solid-State Zinc-Ion Batteries. <i>ChemElectroChem</i> , 2021, 8, 1091-1097.	3.4	31

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19	3d Transition-Metal-Mediated Columbite Nanocatalysts for Decentralized Electrosynthesis of Hydrogen Peroxide. <i>Small</i> , 2021, 17, e2007249.	10.0	35
20	High-performance Fe-N-C electrocatalysts with a chain mail-protective shield. <i>Nano Materials Science</i> , 2021, 3, 420-428.	8.8	9
21	High-energy-density aqueous sodium-ion batteries enabled by chromium hexacyanochromate anodes. <i>Chemical Engineering Journal</i> , 2021, 415, 129003.	12.7	17
22	Porous Ni Foams Filled by N-Doped Carbon Nanotubes Coated with N-Doped Ni ₃ P and Ni Nanoparticles for Catalytic Water Splitting. <i>ACS Applied Nano Materials</i> , 2021, 4, 7443-7453.	5.0	15
23	Rechargeable zinc-air batteries with neutral electrolytes: Recent advances, challenges, and prospects. <i>EnergyChem</i> , 2021, 3, 100055.	19.1	59
24	Enhanced cocatalyst-support interaction and promoted electron transfer of 3D porous g-C ₃ N ₄ /GO-M (Au, Pd, Pt) composite catalysts for hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2021, 288, 120034.	20.2	130
25	Novel antimony phosphate loaded on grid-like N, S-doped carbon for facilitating sodium-ion storage. <i>Chemical Engineering Journal</i> , 2021, 415, 128942.	12.7	13
26	Robust hetero-MoO ₃ /MoO ₂ @N-doped carbon nanobelts decorated with oxygen deficiencies as high-performance anodes for potassium/sodium storage. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 730-740.	9.4	30
27	Co-doped Ni _x P _y loading on Co ₃ O ₄ embedded in Ni foam as a hierarchically porous self-supported electrode for overall water splitting. <i>Chemical Engineering Journal</i> , 2021, 422, 130062.	12.7	24
28	Co-Fe-Cr (oxy)Hydroxides as Efficient Oxygen Evolution Reaction Catalysts. <i>Advanced Energy Materials</i> , 2021, 11, 2003412.	19.5	94
29	Thermo-osmosis-Coupled Thermally Regenerative Electrochemical Cycle for Efficient Lithium Extraction. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 6276-6285.	8.0	18
30	Degradation: A critical challenge for M-N-C electrocatalysts. <i>Journal of Energy Chemistry</i> , 2021, 63, 667-674.	12.9	21
31	One-dimensional covalent organic framework-Carbon nanotube heterostructures for efficient capacitive energy storage. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	9
32	Prussian blue, its analogues and their derived materials for electrochemical energy storage and conversion. <i>Energy Storage Materials</i> , 2020, 25, 585-612.	18.0	181
33	1D Supercapacitors for Emerging Electronics: Current Status and Future Directions. <i>Advanced Materials</i> , 2020, 32, e1902387.	21.0	158
34	A Flexible Rechargeable Zinc-Air Battery with Excellent Low-Temperature Adaptability. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 4793-4799.	13.8	217
35	A Flexible Rechargeable Zinc-Air Battery with Excellent Low-Temperature Adaptability. <i>Angewandte Chemie</i> , 2020, 132, 4823-4829.	2.0	57
36	Low-Temperature Electroluminescence Excitation Mapping of Excitons and Trions in Short-Channel Monochiral Carbon Nanotube Devices. <i>ACS Nano</i> , 2020, 14, 2709-2717.	14.6	19

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37	Pressure-retarded membrane distillation for simultaneous hypersaline brine desalination and low-grade heat harvesting. <i>Journal of Membrane Science</i> , 2020, 597, 117765.	8.2	29
38	Thiocyanate-Modified Silver Nanofoam for Efficient CO ₂ Reduction to CO. <i>ACS Catalysis</i> , 2020, 10, 1444-1453.	11.2	51
39	Lamellar V ₅ O ₁₂ ·6H ₂ O Nanobelts Coupled with Inert Zn(OH) ₂ ·0.5H ₂ O as Cathode for Aqueous Zn ²⁺ /Nonaqueous Na ⁺ Storage Applications. <i>Energy Technology</i> , 2020, 8, 1901105.	3.8	12
40	A Durable Na _{0.56} V ₂ O ₅ Nanobelt Cathode Material Assisted by Hybrid Cationic Electrolyte for High-Performance Aqueous Zinc-Ion Batteries. <i>ChemElectroChem</i> , 2020, 7, 283-288.	3.4	66
41	Organic pillars pre-intercalated V ₄₊ -V ₂ O ₅ ·3H ₂ O nanocomposites with enlarged interlayer and mixed valence for aqueous Zn-ion storage. <i>Applied Surface Science</i> , 2020, 534, 147608.	6.1	23
42	Octahedral Coordinated Trivalent Cobalt Enriched Multimetal Oxygen-Evolution Catalysts. <i>Advanced Energy Materials</i> , 2020, 10, 2002593.	19.5	47
43	A graphene-covalent organic framework hybrid for high-performance supercapacitors. <i>Energy Storage Materials</i> , 2020, 32, 448-457.	18.0	103
44	Electrocatalytic hydrogen evolution under neutral pH conditions: current understandings, recent advances, and future prospects. <i>Energy and Environmental Science</i> , 2020, 13, 3185-3206.	30.8	225
45	Intrinsic Activity of Metal Centers in Metal-Nitrogen-Carbon Single-Atom Catalysts for Hydrogen Peroxide Synthesis. <i>Journal of the American Chemical Society</i> , 2020, 142, 21861-21871.	13.7	163
46	Recent Progress of Carbon-Supported Single-Atom Catalysts for Energy Conversion and Storage. <i>Matter</i> , 2020, 3, 1442-1476.	10.0	196
47	Dual-Template Pore Engineering of Whey Powder-Derived Carbon as an Efficient Oxygen Reduction Reaction Electrocatalyst for Primary Zinc-Air Battery. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1881-1889.	3.3	3
48	Catalytic activity atlas of ternary Co-Fe-V metal oxides for the oxygen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2020, 8, 15951-15961.	10.3	43
49	Hierarchically porous carbon nanofibers embedded with cobalt nanoparticles for efficient H ₂ O ₂ detection on multiple sensor platforms. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128243.	7.8	46
50	Viscosity sensitive near-infrared fluorescent probes based on functionalized single-walled carbon nanotubes. <i>Chemical Communications</i> , 2020, 56, 8301-8304.	4.1	11
51	Vanishing Hysteresis in Carbon Nanotube Transistors Embedded in Boron Nitride/Polytetrafluoroethylene Heterolayers. <i>Physica Status Solidi - Rapid Research Letters</i> , 2020, 14, 2000193.	2.4	5
52	The on-demand engineering of metal-doped porous carbon nanofibers as efficient bifunctional oxygen catalysts for high-performance flexible Zn-air batteries. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7297-7308.	10.3	41
53	Core-shell structured graphene aerogels with multifunctional mechanical, thermal and electromechanical properties. <i>Carbon</i> , 2020, 162, 365-374.	10.3	23
54	Toward efficient and high rate sodium-ion storage: A new insight from dopant-defect interplay in textured carbon anode materials. <i>Energy Storage Materials</i> , 2020, 28, 55-63.	18.0	85

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55	Drying graphene hydrogel fibers for capacitive energy storage. <i>Carbon</i> , 2020, 164, 100-110.	10.3	43
56	Graphene oxide laminates intercalated with 2D covalent-organic frameworks as a robust nanofiltration membrane. <i>Journal of Materials Chemistry A</i> , 2020, 8, 9713-9725.	10.3	46
57	Surpassing the single-atom catalytic activity limit through paired Pt-O-Pt ensemble built from isolated Pt1 atoms. <i>Nature Communications</i> , 2019, 10, 3808.	12.8	225
58	Flexible Zinc-Ion Hybrid Fiber Capacitors with Ultrahigh Energy Density and Long Cycling Life for Wearable Electronics. <i>Small</i> , 2019, 15, e1903817.	10.0	143
59	Mosaic Red Phosphorus/MoS ₂ Hybrid as an Anode to Boost Potassium-Ion Storage. <i>ChemElectroChem</i> , 2019, 6, 4689-4695.	3.4	15
60	Ultrathin nickel boride nanosheets anchored on functionalized carbon nanotubes as bifunctional electrocatalysts for overall water splitting. <i>Journal of Materials Chemistry A</i> , 2019, 7, 764-774.	10.3	123
61	Synthesis of graphene materials by electrochemical exfoliation: Recent progress and future potential. <i>Journal of Materials Chemistry A</i> , 2019, 1, 173-199.		213
62	Homogeneous, Heterogeneous, and Biological Catalysts for Electrochemical N ₂ Reduction toward NH ₃ under Ambient Conditions. <i>ACS Catalysis</i> , 2019, 9, 5245-5267.	11.2	145
63	A core-sheath holey graphene/graphite composite fiber intercalated with MoS ₂ nanosheets for high-performance fiber supercapacitors. <i>Electrochimica Acta</i> , 2019, 305, 493-501.	5.2	51
64	The roles of metal-organic frameworks in modulating water permeability of graphene oxide-based carbon membranes. <i>Carbon</i> , 2019, 148, 277-289.	10.3	50
65	Experimental design and theoretical calculation for sulfur-doped carbon nanofibers as a high performance sodium-ion battery anode. <i>Journal of Materials Chemistry A</i> , 2019, 7, 10239-10245.	10.3	91
66	Pressure-retarded membrane distillation for low-grade heat recovery: The critical roles of pressure-induced membrane deformation. <i>Journal of Membrane Science</i> , 2019, 579, 90-101.	8.2	27
67	Big to Small: Ultrafine Mo ₂ C Particles Derived from Giant Polyoxomolybdate Clusters for Hydrogen Evolution Reaction. <i>Small</i> , 2019, 15, e1900358.	10.0	53
68	2D materials for 1D electrochemical energy storage devices. <i>Energy Storage Materials</i> , 2019, 19, 102-123.	18.0	71
69	Ultralow-platinum-loading nanocarbon hybrids for highly sensitive hydrogen peroxide detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 283, 304-311.	7.8	27
70	Cobalt Nanoparticles Confined in Carbon Cages Derived from Zeolitic Imidazolate Frameworks as Efficient Oxygen Electrocatalysts for Zinc-Air Batteries. <i>Batteries and Supercaps</i> , 2019, 2, 355-363.	4.7	16
71	Ultrafast hydrothermal assembly of nanocarbon microfibers in near-critical water for 3D microsupercapacitors. <i>Carbon</i> , 2018, 132, 698-708.	10.3	26
72	Antimicrobial graphene materials: the interplay of complex materials characteristics and competing mechanisms. <i>Biomaterials Science</i> , 2018, 6, 766-773.	5.4	37

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73	Milk powder-derived bifunctional oxygen electrocatalysts for rechargeable Zn-air battery. <i>Energy Storage Materials</i> , 2018, 11, 134-143.	18.0	45
74	Metal-free bifunctional carbon electrocatalysts derived from zeolitic imidazolate frameworks for efficient water splitting. <i>Materials Chemistry Frontiers</i> , 2018, 2, 102-111.	5.9	57
75	A Stable Bifunctional Catalyst for Rechargeable Zinc-Air Batteries: Iron-Cobalt Nanoparticles Embedded in a Nitrogen-Doped 3D Carbon Matrix. <i>Angewandte Chemie</i> , 2018, 130, 16398-16402.	2.0	64
76	Recent Advances in Materials and Design of Electrochemically Rechargeable Zinc-Air Batteries. <i>Small</i> , 2018, 14, e1801929.	10.0	192
77	A hierarchically porous nickel-copper phosphide nano-foam for efficient electrochemical splitting of water. <i>Nanoscale</i> , 2017, 9, 4401-4408.	5.6	110
78	Hydrothermal assembly of micro-nano-integrated core-sheath carbon fibers for high-performance all-carbon micro-supercapacitors. <i>Energy Storage Materials</i> , 2017, 9, 221-228.	18.0	34
79	Atomic Modulation of FeCo-Nitrogen-Carbon Bifunctional Oxygen Electrodes for Rechargeable and Flexible All-State Zinc-Air Battery. <i>Advanced Energy Materials</i> , 2017, 7, 1602420.	19.5	692
80	Hydrogen evolution reaction activity of nickel phosphide is highly sensitive to electrolyte pH. <i>Journal of Materials Chemistry A</i> , 2017, 5, 20390-20397.	10.3	98
81	Exploring the upper limit of single-walled carbon nanotube purity by multiple-cycle aqueous two-phase separation. <i>Nanoscale</i> , 2017, 9, 11640-11646.	5.6	28
82	Amorphous Bimetallic Oxide-Graphene Hybrids as Bifunctional Oxygen Electrocatalysts for Rechargeable Zn-Air Batteries. <i>Advanced Materials</i> , 2017, 29, 1701410.	21.0	243
83	Antibacterial performance of graphene oxide complemented with pluronic F-127 on physiologically mature gram-negative bacteria. , 2017, , .		0
84	Bifunctional Nickel Phosphide Nanocatalysts Supported on Carbon Fiber Paper for Highly Efficient and Stable Overall Water Splitting. <i>Advanced Functional Materials</i> , 2016, 26, 4067-4077.	14.9	591
85	Sandwich-Architected Poly(lactic acid)-Graphene Composite Food Packaging Films. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9994-10004.	8.0	146
86	Probing the Diameter Limit of Single Walled Carbon Nanotubes in SWCNT: Fullerene Solar Cells. <i>Advanced Energy Materials</i> , 2016, 6, 1600890.	19.5	50
87	Carbon nanomaterials for advancing separation membranes: A strategic perspective. <i>Carbon</i> , 2016, 109, 694-710.	10.3	189
88	Bacterial physiology is a key modulator of the antibacterial activity of graphene oxide. <i>Nanoscale</i> , 2016, 8, 17181-17189.	5.6	42
89	Electro-synthesized Ni coordination supermolecular-networks-coated exfoliated graphene composite materials for high-performance asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16476-16483.	10.3	31
90	Smart poisoning of Co/SiO ₂ catalysts by sulfidation for chirality-selective synthesis of (9,8) single-walled carbon nanotubes. <i>Nanoscale</i> , 2016, 8, 17705-17713.	5.6	32

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91	Synergism of Water Shock and a Biocompatible Block Copolymer Potentiates the Antibacterial Activity of Graphene Oxide. <i>Small</i> , 2016, 12, 951-962.	10.0	30
92	Microbe-derived carbon materials for electrical energy storage and conversion. <i>Journal of Energy Chemistry</i> , 2016, 25, 191-198.	12.9	44
93	Space-confined assembly of all-carbon hybrid fibers for capacitive energy storage: realizing a built-to-order concept for micro-supercapacitors. <i>Energy and Environmental Science</i> , 2016, 9, 611-622.	30.8	94
94	Textile energy storage: Structural design concepts, material selection and future perspectives. <i>Energy Storage Materials</i> , 2016, 3, 123-139.	18.0	128
95	Bolometric-Effect-Based Wavelength-Selective Photodetectors Using Sorted Single Chirality Carbon Nanotubes. <i>Scientific Reports</i> , 2015, 5, 17883.	3.3	20
96	All-Carbon Nanoarchitectures as High-Performance Separation Membranes with Superior Stability. <i>Advanced Functional Materials</i> , 2015, 25, 7348-7359.	14.9	248
97	Transforming Pristine Carbon Fiber Tows into High Performance Solid-State Fiber Supercapacitors. <i>Advanced Materials</i> , 2015, 27, 4895-4901.	21.0	193
98	(9,8) Single-Walled Carbon Nanotube Enrichment via Aqueous Two-Phase Separation and Their Thin-Film Transistor Applications. <i>Advanced Electronic Materials</i> , 2015, 1, 1500151.	5.1	23
99	<i>E. coli</i> -derived carbon with nitrogen and phosphorus dual functionalities for oxygen reduction reaction. <i>Catalysis Today</i> , 2015, 249, 228-235.	4.4	18
100	Ternary Hybrids of Amorphous Nickel Hydroxide-Carbon Nanotube-Conducting Polymer for Supercapacitors with High Energy Density, Excellent Rate Capability, and Long Cycle Life. <i>Advanced Functional Materials</i> , 2015, 25, 1063-1073.	14.9	288
101	A high-performance metal-free hydrogen-evolution reaction electrocatalyst from bacterium derived carbon. <i>Journal of Materials Chemistry A</i> , 2015, 3, 7210-7214.	10.3	75
102	All-carbon solid-state yarn supercapacitors from activated carbon and carbon fibers for smart textiles. <i>Materials Horizons</i> , 2015, 2, 598-605.	12.2	120
103	Nickel hydroxide-carbon nanotube nanocomposites as supercapacitor electrodes: crystallinity dependent performances. <i>Nanotechnology</i> , 2015, 26, 314003.	2.6	15
104	Sulfur-induced chirality changes in single-walled carbon nanotube synthesis by ethanol chemical vapor deposition on a Co/SiO ₂ catalyst. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3310-3319.	10.3	26
105	Carbon nanomaterials for photovoltaic process. <i>Nano Energy</i> , 2015, 15, 490-522.	16.0	47
106	Impact of Sublethal Levels of Single-Wall Carbon Nanotubes on Pyoverdine Production in <i>Pseudomonas aeruginosa</i> and Its Environmental Implications. <i>Environmental Science and Technology Letters</i> , 2015, 2, 105-111.	8.7	19
107	A high performance sulfur-doped disordered carbon anode for sodium ion batteries. <i>Energy and Environmental Science</i> , 2015, 8, 2916-2921.	30.8	535
108	Graphene oxide as effective selective barriers on a hollow fiber membrane for water treatment process. <i>Journal of Membrane Science</i> , 2015, 474, 244-253.	8.2	211

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109	Emergence of fiber supercapacitors. <i>Chemical Society Reviews</i> , 2015, 44, 647-662.	38.1	498
110	Synthesis of free-standing carbon nanohybrid by directly growing carbon nanotubes on air-sprayed graphene oxide paper and its application in supercapacitor. <i>Journal of Solid State Chemistry</i> , 2015, 224, 45-51.	2.9	16
111	Catalysts for chirality selective synthesis of single-walled carbon nanotubes. <i>Carbon</i> , 2015, 81, 1-19.	10.3	106
112	Mechanical reinforcement of polyethylene using <i>n</i> -alkyl group-functionalized multiwalled carbon nanotubes: Effect of alkyl group carbon chain length and density. <i>Polymer Engineering and Science</i> , 2014, 54, 336-344.	3.1	5
113	Extraction of (9,8) Single-Walled Carbon Nanotubes by Fluorene-Based Polymers. <i>Chemistry - an Asian Journal</i> , 2014, 9, 868-877.	3.3	18
114	Scalable synthesis of hierarchically structured carbon nanotube-graphene fibres for capacitive energy storage. <i>Nature Nanotechnology</i> , 2014, 9, 555-562.	31.5	1,312
115	Controlled Functionalization of Carbonaceous Fibers for Asymmetric Solid-State Micro-supercapacitors with High Volumetric Energy Density. <i>Advanced Materials</i> , 2014, 26, 6790-6797.	21.0	243
116	Narrow-chirality distributed single-walled carbon nanotube synthesis by remote plasma enhanced ethanol deposition on cobalt incorporated MCM-41 catalyst. <i>Carbon</i> , 2014, 66, 134-143.	10.3	16
117	Multifunctional nitrogen-rich brick-and-mortar carbon as high performance supercapacitor electrodes and oxygen reduction electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2013, 1, 11061.	10.3	34
118	Fabrication of novel functionalized multi-walled carbon nanotube immobilized hollow fiber membranes for enhanced performance in forward osmosis process. <i>Journal of Membrane Science</i> , 2013, 446, 244-254.	8.2	102
119	Hybrid ternary rice paper-manganese oxide-carbon nanotube nanocomposites for flexible supercapacitors. <i>Nanoscale</i> , 2013, 5, 11108.	5.6	33
120	One-step dual template synthesis of platinum on mesoporous carbon nanowires for electrocatalysts. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 2754-2759.	7.1	8
121	Acetone-Induced Graphene Oxide Film Formation at the Water-Air Interface. <i>Chemistry - an Asian Journal</i> , 2013, 8, 437-443.	3.3	28
122	Nitrogen doped holey graphene as an efficient metal-free multifunctional electrochemical catalyst for hydrazine oxidation and oxygen reduction. <i>Nanoscale</i> , 2013, 5, 3457.	5.6	154
123	Chiral-Selective CoSO ₄ /SiO ₂ Catalyst for (9,8) Single-Walled Carbon Nanotube Growth. <i>ACS Nano</i> , 2013, 7, 614-626.	14.6	101
124	Graphene layers on Cu and Ni (111) surfaces in layer controlled graphene growth. <i>RSC Advances</i> , 2013, 3, 3046.	3.6	36
125	Length-dependent performances of sodium deoxycholate-dispersed single-walled carbon nanotube thin-film transistors. <i>Journal of Materials Research</i> , 2013, 28, 1004-1011.	2.6	11
126	Facile preparation of Carbon nanotubes and graphene sheets by a catalyst-free refluxing approach. <i>Nano Research</i> , 2012, 5, 640-645.	10.4	6

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127	Recognition of carbon nanotube chirality by phage display. RSC Advances, 2012, 2, 1466-1476.	3.6	25
128	Reactive Sites for Chiral Selective Growth of Single-Walled Carbon Nanotubes: A DFT Study of Ni ₅₅ –C _n Complexes. Journal of Physical Chemistry A, 2012, 116, 11709-11717.	2.5	21
129	Chirality selective synthesis and enrichment of single walled carbon nanotubes for macroelectronics. , 2011, , .		0
130	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
131	Ethanol-Assisted Graphene Oxide-Based Thin Film Formation at Pentane–Water Interface. Langmuir, 2011, 27, 9174-9181.	3.5	73
132	Nitrogen-Doped Single-Walled Carbon Nanotubes Grown on Substrates: Evidence for Framework Doping and Their Enhanced Properties. Advanced Functional Materials, 2011, 21, 986-992.	14.9	54
133	Preparation and electrochemical properties of MnO ₂ nanosheets attached to Au nanoparticles on carbon nanotubes. Dalton Transactions, 2011, 40, 2332-2337.	3.3	42
134	Specific and reversible immobilization of NADH oxidase on functionalized carbon nanotubes. Journal of Biotechnology, 2010, 150, 57-63.	3.8	105
135	Enrichment of (8,4) Single-Walled Carbon Nanotubes Through Coextraction with Heparin. Small, 2010, 6, 110-118.	10.0	27
136	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
137	Aggregation-Dependent Photoluminescence Sidebands in Single-Walled Carbon Nanotube. Journal of Physical Chemistry C, 2010, 114, 6704-6711.	3.1	12
138	IN SITU FORMATION OF COBALT NANOCLUSTERS IN SOL-GEL SILICA FILMS FOR SINGLE-WALLED CARBON NANOTUBE GROWTH. Nano, 2009, 04, 99-106.	1.0	5
139	Charge-induced conductance modulation of carbon nanotube field effect transistor memory devices. Carbon, 2009, 47, 3063-3070.	10.3	14
140	Energy Transfer from Photo-Excited Fluorene Polymers to Single-Walled Carbon Nanotubes. Journal of Physical Chemistry C, 2009, 113, 14946-14952.	3.1	54
141	Sharper and Faster “Nano Darts” 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
142	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
143	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
144	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

#	ARTICLE	IF	CITATIONS
145	Selective Enrichment of (6,5) and (8,3) Single-Walled Carbon Nanotubes via Cosurfactant Extraction from Narrow (<i>n</i> , <i>m</i>) Distribution Samples. Journal of Physical Chemistry B, 2008, 112, 2771-2774.	2.6	57
146	Low-Defect, Purified, Narrowly (<i>n,m</i>)-Dispersed Single-Walled Carbon Nanotubes Grown from Cobalt-Incorporated MCM-41. ACS Nano, 2007, 1, 327-336.	14.6	56
147	Pressure-Induced Single-Walled Carbon Nanotube (<i>n,m</i>) Selectivity on Co~Mo Catalysts. Journal of Physical Chemistry C, 2007, 111, 14612-14616.	3.1	72
148	(<i>n,m</i>) Selectivity of Single-Walled Carbon Nanotubes by Different Carbon Precursors on Co~Mo Catalysts. Journal of the American Chemical Society, 2007, 129, 9014-9019.	13.7	184
149	Construction of hierarchical flower-shaped (NH ₄) ₂ V ₃ O ₈ /rGO with enhanced zinc storage performance. ChemElectroChem, 0, , .	3.4	1