Xinliang Feng

List of Publications by Year
in descending order

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685	96,886	172	339
papers	citations	154 h-index	285 g-index

743	743	743	62527
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atomically precise bottom-up fabrication of graphene nanoribbons. Nature, 2010, 466, 470-473.	13.7	3,144
2	Science and technology roadmap for graphene, related two-dimensional crystals, and hybrid systems. Nanoscale, 2015, 7, 4598-4810.	2.8	2,452
3	3D Nitrogen-Doped Graphene Aerogel-Supported Fe₃O₄ Nanoparticles as Efficient Electrocatalysts for the Oxygen Reduction Reaction. Journal of the American Chemical Society, 2012, 134, 9082-9085.	6.6	1,967
4	Threeâ€Dimensional Nitrogen and Boron Coâ€doped Graphene for Highâ€Performance Allâ€Solidâ€State Supercapacitors. Advanced Materials, 2012, 24, 5130-5135.	11.1	1,270
5	Nitrogenâ€Doped Ordered Mesoporous Graphitic Arrays with High Electrocatalytic Activity for Oxygen Reduction. Angewandte Chemie - International Edition, 2010, 49, 2565-2569.	7.2	1,223
6	New advances in nanographene chemistry. Chemical Society Reviews, 2015, 44, 6616-6643.	18.7	1,212
7	Exfoliation of Graphite into Graphene in Aqueous Solutions of Inorganic Salts. Journal of the American Chemical Society, 2014, 136, 6083-6091.	6.6	1,181
8	Efficient Synthesis of Heteroatom (N or S)â€Doped Graphene Based on Ultrathin Graphene Oxideâ€Porous Silica Sheets for Oxygen Reduction Reactions. Advanced Functional Materials, 2012, 22, 3634-3640.	7.8	1,180
9	Interface Engineering of MoS₂/Ni₃S₂ Heterostructures for Highly Enhanced Electrochemical Overallâ€Waterâ€Splitting Activity. Angewandte Chemie - International Edition, 2016, 55, 6702-6707.	7.2	1,159
10	On-surface synthesis of graphene nanoribbons with zigzag edge topology. Nature, 2016, 531, 489-492.	13.7	1,154
11	Mesoporous Metalâ€“Nitrogen-Doped Carbon Electrocatalysts for Highly Efficient Oxygen Reduction Reaction. Journal of the American Chemical Society, 2013, 135, 16002-16005.	6.6	1,119
12	Energy storage: The future enabled by nanomaterials. Science, 2019, 366, .	6.0	1,119
13	Graphene-based in-plane micro-supercapacitors with high power and energy densities. Nature Communications, 2013, 4, 2487.	5.8	1,104
14	Grapheneâ€Based Carbon Nitride Nanosheets as Efficient Metalâ€Free Electrocatalysts for Oxygen Reduction Reactions. Angewandte Chemie - International Edition, 2011, 50, 5339-5343.	7.2	1,024
15	Three-Dimensional Graphene-Based Macro- and Mesoporous Frameworks for High-Performance Electrochemical Capacitive Energy Storage. Journal of the American Chemical Society, 2012, 134, 19532-19535.	6.6	1,024
16	Fabrication of Grapheneâ€Encapsulated Oxide Nanoparticles: Towards Highâ€Performance Anode Materials for Lithium Storage. Angewandte Chemie - International Edition, 2010, 49, 8408-8411.	7.2	1,005
17	Hierarchically porous carbons with optimized nitrogen doping as highly active electrocatalysts for oxygen reduction. Nature Communications, 2014, 5, 4973.	5.8	921
18	Crumpled Nitrogenâ€Doped Graphene Nanosheets with Ultrahigh Pore Volume for Highâ€Performance Supercapacitor. Advanced Materials, 2012, 24, 5610-5616.	11.1	880

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19	Efficient hydrogen production on MoNi4 electrocatalysts with fast water dissociation kinetics. Nature Communications, 2017, 8, 15437.	5.8	813
20	Bottom-Up Fabrication of Photoluminescent Graphene Quantum Dots with Uniform Morphology. Journal of the American Chemical Society, 2011, 133, 15221-15223.	6.6	794
21	Vertically oriented cobalt selenide/NiFe layered-double-hydroxide nanosheets supported on exfoliated graphene foil: an efficient 3D electrode for overall water splitting. Energy and Environmental Science, 2016, 9, 478-483.	15.6	774
22	Composites of Graphene with Large Aromatic Molecules. Advanced Materials, 2009, 21, 3191-3195.	11.1	750
23	3D Graphene Foams Crossâ€linked with Preâ€encapsulated Fe₃O₄ Nanospheres for Enhanced Lithium Storage. Advanced Materials, 2013, 25, 2909-2914.	11.1	727
24	From Nanographene and Graphene Nanoribbons to Graphene Sheets: Chemical Synthesis. Angewandte Chemie - International Edition, 2012, 51, 7640-7654.	7.2	725
25	Graphene as Transparent Electrode Material for Organic Electronics. Advanced Materials, 2011, 23, 2779-2795.	11.1	708
26	Nitrogen-Doped Graphene and Its Iron-Based Composite As Efficient Electrocatalysts for Oxygen Reduction Reaction. ACS Nano, 2012, 6, 9541-9550.	7.3	640
27	Porous Graphene Materials for Advanced Electrochemical Energy Storage and Conversion Devices. Advanced Materials, 2014, 26, 849-864.	11.1	624
28	Porous graphenes: two-dimensional polymer synthesis with atomic precision. Chemical Communications, 2009, , 6919.	2.2	610
29	Accelerated Hydrogen Evolution Kinetics on NiFeâ€Layered Double Hydroxide Electrocatalysts by Tailoring Water Dissociation Active Sites. Advanced Materials, 2018, 30, 1706279.	11.1	601
30	Dispersion of Graphene Sheets in Organic Solvent Supported by Ionic Interactions. Advanced Materials, 2009, 21, 1679-1683.	11.1	600
31	Catalyst-free Preparation of Melamine-Based Microporous Polymer Networks through Schiff Base Chemistry. Journal of the American Chemical Society, 2009, 131, 7216-7217.	6.6	579
32	Molecular metalâ€“Nx centres in porous carbon for electrocatalytic hydrogen evolution. Nature Communications, 2015, 6, 7992.	5.8	575
33	Towards high charge-carrier mobilities by rational design of the shape and periphery of discotics. Nature Materials, 2009, 8, 421-426.	13.3	555
34	Electrochemically Exfoliated Graphene as Solution-Processable, Highly Conductive Electrodes for Organic Electronics. ACS Nano, 2013, 7, 3598-3606.	7.3	532
35	Support and Interface Effects in Waterâ€Splitting Electrocatalysts. Advanced Materials, 2019, 31, e1808167.	11.1	531
36	Graphene nanoribbon heterojunctions. Nature Nanotechnology, 2014, 9, 896-900.	15.6	528

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37	2D Sandwichâ€like Sheets of Iron Oxide Grown on Graphene as High Energy Anode Material for Supercapacitors. Advanced Materials, 2011, 23, 5574-5580.	11.1	526
38	Nitrogenâ€Enriched Coreâ€Shell Structured Fe/Fe₃Câ€C Nanorods as Advanced Electrocatalysts for Oxygen Reduction Reaction. Advanced Materials, 2012, 24, 1399-1404.	11.1	517
39	Largeâ€Area, Freeâ€Standing, Twoâ€Dimensional Supramolecular Polymer Singleâ€Layer Sheets for Highly Efficient Electrocatalytic Hydrogen Evolution. Angewandte Chemie - International Edition, 2015, 54, 12058-12063.	7.2	514
40	Interface-Assisted Synthesis of 2D Materials: Trend and Challenges. Chemical Reviews, 2018, 118, 6189-6235.	23.0	505
41	Sandwichâ€Like, Grapheneâ€Based Titania Nanosheets with High Surface Area for Fast Lithium Storage. Advanced Materials, 2011, 23, 3575-3579.	11.1	503
42	Engineering water dissociation sites in MoS₂ nanosheets for accelerated electrocatalytic hydrogen production. Energy and Environmental Science, 2016, 9, 2789-2793.	15.6	503
43	Nanographeneâ€Constructed Hollow Carbon Spheres and Their Favorable Electroactivity with Respect to Lithium Storage. Advanced Materials, 2010, 22, 838-842.	11.1	473
44	Synthesis of structurally well-defined and liquid-phase-processable graphene nanoribbons. Nature Chemistry, 2014, 6, 126-132.	6.6	468
45	Grapheneâ€Based Nanosheets with a Sandwich Structure. Angewandte Chemie - International Edition, 2010, 49, 4795-4799.	7.2	457
46	Nitrogenâ€Doped Carbon Nanosheets with Sizeâ€Defined Mesopores as Highly Efficient Metalâ€Free Catalyst for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2014, 53, 1570-1574.	7.2	457
47	Twoâ€Dimensional Soft Nanomaterials: A Fascinating World of Materials. Advanced Materials, 2015, 27, 403-427.	11.1	437
48	Highâ€Performance Electrocatalysts for Oxygen Reduction Derived from Cobalt Porphyrinâ€Based Conjugated Mesoporous Polymers. Advanced Materials, 2014, 26, 1450-1455.	11.1	425
49	Atomically dispersed nickelâ€“nitrogenâ€“sulfur species anchored on porous carbon nanosheets for efficient water oxidation. Nature Communications, 2019, 10, 1392.	5.8	424
50	Efficient alkaline hydrogen evolution on atomically dispersed Niâ€“N_x Species anchored porous carbon with embedded Ni nanoparticles by accelerating water dissociation kinetics. Energy and Environmental Science, 2019, 12, 149-156.	15.6	416
51	Low-temperature synthesis of nitrogen/sulfur co-doped three-dimensional graphene frameworks as efficient metal-free electrocatalyst for oxygen reduction reaction. Carbon, 2013, 62, 296-301.	5.4	415
52	Electronic Structure of Atomically Precise Graphene Nanoribbons. ACS Nano, 2012, 6, 6930-6935.	7.3	410
53	Interface Engineering of MoS₂/Ni₃S₂ Heterostructures for Highly Enhanced Electrochemical Overallâ€Waterâ€Splitting Activity. Angewandte Chemie, 2016, 128, 6814-6819.	1.6	403
54	Two-Dimensional Carbon-Coated Graphene/Metal Oxide Hybrids for Enhanced Lithium Storage. ACS Nano, 2012, 6, 8349-8356.	7.3	402

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55	Engineering of robust topological quantum phases in graphene nanoribbons. Nature, 2018, 560, 209-213.	13.7	397
56	Fluorideâ€Free Synthesis of Twoâ€Dimensional Titanium Carbide (MXene) Using A Binary Aqueous System. Angewandte Chemie - International Edition, 2018, 57, 15491-15495.	7.2	393
57	Nitrogenâ€Doped Porous Carbon Superstructures Derived from Hierarchical Assembly of Polyimide Nanosheets. Advanced Materials, 2016, 28, 1981-1987.	11.1	390
58	Two-dimensional materials for miniaturized energy storage devices: from individual devices to smart integrated systems. Chemical Society Reviews, 2018, 47, 7426-7451.	18.7	384
59	Flexible Allâ€Solidâ€State Supercapacitors with High Volumetric Capacitances Boosted by Solution Processable MXene and Electrochemically Exfoliated Graphene. Advanced Energy Materials, 2017, 7, 1601847.	10.2	379
60	Mechanically strong MXene/Kevlar nanofiber composite membranes as high-performance nanofluidic osmotic power generators. Nature Communications, 2019, 10, 2920.	5.8	373
61	Molybdenum Carbide-Embedded Nitrogen-Doped Porous Carbon Nanosheets as Electrocatalysts for Water Splitting in Alkaline Media. ACS Nano, 2017, 11, 3933-3942.	7.3	367
62	Ultraflexible Inâ€Plane Microâ€Supercapacitors by Direct Printing of Solutionâ€Processable Electrochemically Exfoliated Graphene. Advanced Materials, 2016, 28, 2217-2222.	11.1	366
63	Porous carbon nanosheets: Synthetic strategies and electrochemical energy related applications. Nano Today, 2019, 24, 103-119.	6.2	357
64	A two-dimensional conjugated polymer framework with fully sp²-bonded carbon skeleton. Polymer Chemistry, 2016, 7, 4176-4181.	1.9	350
65	Patterned Graphene Electrodes from Solutionâ€Processed Graphite Oxide Films for Organic Fieldâ€Effect Transistors. Advanced Materials, 2009, 21, 3488-3491.	11.1	344
66	High-mobility band-like charge transport in a semiconducting two-dimensional metalâ€“organic framework. Nature Materials, 2018, 17, 1027-1032.	13.3	341
67	Production and processing of graphene and related materials. 2D Materials, 2020, 7, 022001.	2.0	333
68	Zincâ€Mediated Template Synthesis of Feâ€Nâ€C Electrocatalysts with Densely Accessible Feâ€N_x Active Sites for Efficient Oxygen Reduction. Advanced Materials, 2020, 32, e1907399.	11.1	319
69	Synergistic electroreduction of carbon dioxide to carbon monoxide on bimetallic layered conjugated metal-organic frameworks. Nature Communications, 2020, 11, 1409.	5.8	317
70	Short-channel field-effect transistors with 9-atom and 13-atom wide graphene nanoribbons. Nature Communications, 2017, 8, 633.	5.8	312
71	Layer-by-Layer Assembly and UV Photoreduction of Grapheneâ€“Polyoxometalate Composite Films for Electronics. Journal of the American Chemical Society, 2011, 133, 9423-9429.	6.6	304
72	Superlubricity of graphene nanoribbons on gold surfaces. Science, 2016, 351, 957-961.	6.0	302

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73	Toward Cove-Edged Low Band Gap Graphene Nanoribbons. Journal of the American Chemical Society, 2015, 137, 6097-6103.	6.6	299
74	Recent advances in graphene-based planar micro-supercapacitors for on-chip energy storage. National Science Review, 2014, 1, 277-292.	4.6	298
75	Self-Assembled Fe₂O₃/Graphene Aerogel with High Lithium Storage Performance. ACS Applied Materials & Interfaces, 2013, 5, 3764-3769.	4.0	296
76	Bottom-Up Fabrication of Sulfur-Doped Graphene Films Derived from Sulfur-Annulated Nanographene for Ultrahigh Volumetric Capacitance Micro-Supercapacitors. Journal of the American Chemical Society, 2017, 139, 4506-4512.	6.6	294
77	Fabrication of Cobalt and Cobalt Oxide/Graphene Composites: Towards Highâ€Performance Anode Materials for Lithium Ion Batteries. ChemSusChem, 2010, 3, 236-239.	3.6	290
78	Alternating Stacked Grapheneâ€Conducting Polymer Compact Films with Ultrahigh Areal and Volumetric Capacitances for Highâ€Energy Microâ€Supercapacitors. Advanced Materials, 2015, 27, 4054-4061.	11.1	290
79	Layerâ€byâ€Layer Assembled Heteroatomâ€Doped Graphene Films with Ultrahigh Volumetric Capacitance and Rate Capability for Microâ€Supercapacitors. Advanced Materials, 2014, 26, 4552-4558.	11.1	289
80	Organic Radical-Assisted Electrochemical Exfoliation for the Scalable Production of High-Quality Graphene. Journal of the American Chemical Society, 2015, 137, 13927-13932.	6.6	288
81	Wafer-sized multifunctional polyimine-based two-dimensional conjugated polymers with high mechanical stiffness. Nature Communications, 2016, 7, 13461.	5.8	283
82	Nanocomposites and macroscopic materials: assembly of chemically modified graphene sheets. Chemical Society Reviews, 2012, 41, 6160.	18.7	282
83	Large polycyclic aromatic hydrocarbons: Synthesis and discotic organization. Pure and Applied Chemistry, 2009, 81, 2203-2224.	0.9	281
84	Scalable Fabrication and Integration of Graphene Microsupercapacitors through Full Inkjet Printing. ACS Nano, 2017, 11, 8249-8256.	7.3	280
85	A Phthalocyanineâ€Based Layered Twoâ€Dimensional Conjugated Metalâ€“Organic Framework as a Highly Efficient Electrocatalyst for the Oxygen Reduction Reaction. Angewandte Chemie - International Edition, 2019, 58, 10677-10682.	7.2	278
86	A Nitrogenâ€Rich 2D sp²â€Carbonâ€Linked Conjugated Polymer Framework as a Highâ€Performance Cathode for Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2019, 58, 849-853.	7.2	275
87	Vertically Aligned MoS₂ Nanosheets Patterned on Electrochemically Exfoliated Graphene for Highâ€Performance Lithium and Sodium Storage. Advanced Energy Materials, 2018, 8, 1702254.	10.2	274
88	Vertically Oriented Graphene Bridging Activeâ€Layer/Currentâ€Collector Interface for Ultrahigh Rate Supercapacitors. Advanced Materials, 2013, 25, 5799-5806.	11.1	270
89	On-Surface Synthesis and Characterization of 9-Atom Wide Armchair Graphene Nanoribbons. ACS Nano, 2017, 11, 1380-1388.	7.3	270
90	Synergetic Contribution of Boron and Feâ€“N_x Species in Porous Carbons toward Efficient Electrocatalysts for Oxygen Reduction Reaction. ACS Energy Letters, 2018, 3, 252-260.	8.8	269

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91	Znâ€Ion Hybrid Microâ€Supercapacitors with Ultrahigh Areal Energy Density and Longâ€Term Durability. Advanced Materials, 2019, 31, e1806005.	11.1	266
92	Integrated Hierarchical Cobalt Sulfide/Nickel Selenide Hybrid Nanosheets as an Efficient Three-dimensional Electrode for Electrochemical and Photoelectrochemical Water Splitting. Nano Letters, 2017, 17, 4202-4209.	4.5	263
93	On-water surface synthesis of crystalline, few-layer two-dimensional polymers assisted by surfactant monolayers. Nature Chemistry, 2019, 11, 994-1000.	6.6	262
94	Newâ€Generation Graphene from Electrochemical Approaches: Production and Applications. Advanced Materials, 2016, 28, 6213-6221.	11.1	256
95	Strongly Coupled Ternary Hybrid Aerogels of N-deficient Porous Graphitic-C₃N₄ Nanosheets/N-Doped Graphene/NiFe-Layered Double Hydroxide for Solar-Driven Photoelectrochemical Water Oxidation. Nano Letters, 2016, 16, 2268-2277.	4.5	256
96	Carbon materials for ion-intercalation involved rechargeable battery technologies. Chemical Society Reviews, 2021, 50, 2388-2443.	18.7	255
97	Transparent Conductive Electrodes from Graphene/PEDOT:PSS Hybrid Inks for Ultrathin Organic Photodetectors. Advanced Materials, 2015, 27, 669-675.	11.1	251
98	Two-dimensional conjugated metalâ€“organic frameworks (2D c-MOFs): chemistry and function for MOFtronics. Chemical Society Reviews, 2021, 50, 2764-2793.	18.7	242
99	Fluorideâ€Free Synthesis of Twoâ€Dimensional Titanium Carbide (MXene) Using A Binary Aqueous System. Angewandte Chemie, 2018, 130, 15717-15721.	1.6	241
100	Electrochemically Scalable Production of Fluorine-Modified Graphene for Flexible and High-Energy Ionogel-Based Microsupercapacitors. Journal of the American Chemical Society, 2018, 140, 8198-8205.	6.6	240
101	Dithieno[2,3â€d;2â€²,3â€²â€dâ€²]benzo[1,2â€b;4,5â€bâ€²]dithiophene (DTBDT) as Semiconductor for Highâ€Performance, Solutionâ€Processed Organic Fieldâ€Effect Transistors. Advanced Materials, 2009, 21, 213-216.	11.1	237
102	Ultrathin Printable Graphene Supercapacitors with AC Lineâ€Filtering Performance. Advanced Materials, 2015, 27, 3669-3675.	11.1	237
103	Photocatalytic hydrogen evolution through fully conjugated poly(azomethine) networks. Chemical Communications, 2010, 46, 8932.	2.2	235
104	Hybrid Silver Nanowire and Grapheneâ€Based Solutionâ€Processed Transparent Electrode for Organic Optoelectronics. Advanced Functional Materials, 2018, 28, 1706010.	7.8	235
105	A High-Rate Two-Dimensional Polyarylimide Covalent Organic Framework Anode for Aqueous Zn-Ion Energy Storage Devices. Journal of the American Chemical Society, 2020, 142, 19570-19578.	6.6	232
106	Graphene Nanoribbons by Chemists: Nanometerâ€Sized, Soluble, and Defectâ€Free. Angewandte Chemie - International Edition, 2011, 50, 2540-2543.	7.2	228
107	Screenâ€Printable Thin Film Supercapacitor Device Utilizing Graphene/Polyaniline Inks. Advanced Energy Materials, 2013, 3, 1035-1040.	10.2	228
108	Unveiling Electronic Properties in Metalâ€“Phthalocyanine-Based Pyrazine-Linked Conjugated Two-Dimensional Covalent Organic Frameworks. Journal of the American Chemical Society, 2019, 141, 16810-16816.	6.6	227

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109	Topological frustration induces unconventional magnetism in a nanographene. Nature Nanotechnology, 2020, 15, 22-28.	15.6	227
110	Graphene Coupled Schiffâ€base Porous Polymers: Towards Nitrogenâ€enriched Porous Carbon Nanosheets with Ultrahigh Electrochemical Capacity. Advanced Materials, 2014, 26, 3081-3086.	11.1	224
111	Twoâ€Dimensional Sandwichâ€Type, Grapheneâ€Based Conjugated Microporous Polymers. Angewandte Chemie - International Edition, 2013, 52, 9668-9672.	7.2	220
112	Ternary Porous Cobalt Phosphoselenide Nanosheets: An Efficient Electrocatalyst for Electrocatalytic and Photoelectrochemical Water Splitting. Advanced Materials, 2017, 29, 1701589.	11.1	219
113	Charge-Carrier Transporting Graphene-Type Molecules. Chemistry of Materials, 2011, 23, 554-567.	3.2	218
114	Termini of Bottom-Up Fabricated Graphene Nanoribbons. Journal of the American Chemical Society, 2013, 135, 2060-2063.	6.6	214
115	Sulfurâ€Enriched Conjugated Polymer Nanosheet Derived Sulfur and Nitrogen coâ€Doped Porous Carbon Nanosheets as Electrocatalysts for Oxygen Reduction Reaction and Zincâ€“Air Battery. Advanced Functional Materials, 2016, 26, 5893-5902.	7.8	214
116	Ambientâ€Stable Twoâ€Dimensional Titanium Carbide (MXene) Enabled by Iodine Etching. Angewandte Chemie - International Edition, 2021, 60, 8689-8693.	7.2	212
117	Conjugated Microporous Polymers with Dimensionalityâ€Controlled Heterostructures for Green Energy Devices. Advanced Materials, 2015, 27, 3789-3796.	11.1	210
118	A coronene-based semiconducting two-dimensional metal-organic framework with ferromagnetic behavior. Nature Communications, 2018, 9, 2637.	5.8	210
119	Atomically Defined Undercoordinated Active Sites for Highly Efficient CO₂ Electroreduction. Advanced Functional Materials, 2020, 30, 1907658.	7.8	210
120	Immobilizing Molecular Metal Dithioleneâ€“Diamine Complexes on 2D Metalâ€“Organic Frameworks for Electrocatalytic H₂ Production. Chemistry - A European Journal, 2017, 23, 2255-2260.	1.7	208
121	Giant edge state splitting at atomically precise graphene zigzag edges. Nature Communications, 2016, 7, 11507.	5.8	207
122	Toward a molecular design of porous carbon materials. Materials Today, 2017, 20, 592-610.	8.3	202
123	Tuning the Columnar Organization of Discotic Polycyclic Aromatic Hydrocarbons. Advanced Materials, 2010, 22, 3634-3649.	11.1	200
124	Thiophene-based conjugated oligomers for organic solar cells. Journal of Materials Chemistry, 2011, 21, 17590.	6.7	195
125	Multilayer stabilization for fabricating high-loading single-atom catalysts. Nature Communications, 2020, 11, 5892.	5.8	195
126	Patterning two-dimensional free-standing surfaces with mesoporous conducting polymers. Nature Communications, 2015, 6, 8817.	5.8	193

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127	Synthetic Twoâ€Dimensional Materials: A New Paradigm of Membranes for Ultimate Separation. Advanced Materials, 2016, 28, 6529-6545.	11.1	192
128	A Crystalline, 2D Polyarylimide Cathode for Ultrastable and Ultrafast Li Storage. Advanced Materials, 2019, 31, e1901478.	11.1	192
129	Atomically precise edge chlorination of nanographenes and its application in graphene nanoribbons. Nature Communications, 2013, 4, 2646.	5.8	187
130	Structurally Defined Graphene Nanoribbons with High Lateral Extension. Journal of the American Chemical Society, 2012, 134, 18169-18172.	6.6	185
131	Electronic Devices Using Open Framework Materials. Chemical Reviews, 2020, 120, 8581-8640.	23.0	185
132	A novel series of isoreticular metal organic frameworks: realizing metastable structures by liquid phase epitaxy. Scientific Reports, 2012, 2, 921.	1.6	183
133	Free-Standing Monolayer Two-Dimensional Supramolecular Organic Framework with Good Internal Order. Journal of the American Chemical Society, 2015, 137, 14525-14532.	6.6	181
134	Benzoâ€Fused Double [7]Carbohelicene: Synthesis, Structures, and Physicochemical Properties. Angewandte Chemie - International Edition, 2017, 56, 3374-3378.	7.2	177
135	Graphene: A Twoâ€Dimensional Platform for Lithium Storage. Small, 2013, 9, 1173-1187.	5.2	176
136	Strongly Coupled 3D Hybrids of Nâ€doped Porous Carbon Nanosheet/CoNi Alloyâ€Encapsulated Carbon Nanotubes for Enhanced Electrocatalysis. Small, 2015, 11, 5940-5948.	5.2	176
137	Metalâ€Phosphideâ€Containing Porous Carbons Derived from an Ionicâ€Polymer Framework and Applied as Highly Efficient Electrochemical Catalysts for Water Splitting. Advanced Functional Materials, 2015, 25, 3899-3906.	7.8	176
138	Identification of Catalytic Sites for Oxygen Reduction in Metal/Nitrogenâ€Doped Carbons with Encapsulated Metal Nanoparticles. Angewandte Chemie - International Edition, 2020, 59, 1627-1633.	7.2	176
139	Stackedâ€Layer Heterostructure Films of 2D Thiophene Nanosheets and Graphene for Highâ€Rate All‐Solidâ€State Pseudocapacitors with Enhanced Volumetric Capacitance. Advanced Materials, 2017, 29, 1602960.	11.1	173
140	Synthesis of Microporous Carbon Nanofibers and Nanotubes from Conjugated Polymer Network and Evaluation in Electrochemical Capacitor. Advanced Functional Materials, 2009, 19, 2125-2129.	7.8	172
141	Metal Nitride/Graphene Nanohybrids: General Synthesis and Multifunctional Titanium Nitride/Graphene Electrocatalyst. Advanced Materials, 2011, 23, 5445-5450.	11.1	171
142	Controlled Synthesis of Nâ€Doped Carbon Nanospheres with Tailored Mesopores through Self‐Assembly of Colloidal Silica. Angewandte Chemie - International Edition, 2015, 54, 15191-15196.	7.2	171
143	Thin-Film Electrode-Based Supercapacitors. Joule, 2019, 3, 338-360.	11.7	171
144	Intraribbon Heterojunction Formation in Ultranarrow Graphene Nanoribbons. ACS Nano, 2012, 6, 2020-2025.	7.3	169

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145	Photolithographic fabrication of high-performance all-solid-state graphene-based planar micro-supercapacitors with different interdigital fingers. Journal of Materials Chemistry A, 2014, 2, 8288.	5.2	169
146	Synthesis and Characterization of Ï€-Extended Triangulene. Journal of the American Chemical Society, 2019, 141, 10621-10625.	6.6	165
147	Polyoxometalate assisted photoreduction of graphene oxide and its nanocomposite formation. Chemical Communications, 2010, 46, 6243.	2.2	164
148	Bioapplication of graphene oxide derivatives: drug/gene delivery, imaging, polymeric modification, toxicology, therapeutics and challenges. RSC Advances, 2015, 5, 42141-42161.	1.7	164
149	Dualâ€Template Synthesis of 2D Mesoporous Polypyrrole Nanosheets with Controlled Pore Size. Advanced Materials, 2016, 28, 8365-8370.	11.1	163
150	Highly reversible and ultra-fast lithium storage in mesoporous graphene-based TiO2/SnO2 hybrid nanosheets. Energy and Environmental Science, 2013, 6, 2447.	15.6	161
151	Use of Organic Precursors and Graphenes in the Controlled Synthesis of Carbon-Containing Nanomaterials for Energy Storage and Conversion. Accounts of Chemical Research, 2013, 46, 116-128.	7.6	158
152	Efficient Electrochemical and Photoelectrochemical Water Splitting by a 3D Nanostructured Carbon Supported on Flexible Exfoliated Graphene Foil. Advanced Materials, 2017, 29, 1604480.	11.1	157
153	Construction of Twoâ€Dimensional MoS₂/CdS pâ€“n Nanohybrids for Highly Efficient Photocatalytic Hydrogen Evolution. Chemistry - A European Journal, 2014, 20, 10632-10635.	1.7	156
154	Exciton-dominated optical response of ultra-narrow graphene nanoribbons. Nature Communications, 2014, 5, 4253.	5.8	155
155	Two-Dimensional Carbon-Rich Conjugated Frameworks for Electrochemical Energy Applications. Journal of the American Chemical Society, 2020, 142, 12903-12915.	6.6	154
156	Stimulusâ€Responsive Microâ€Supercapacitors with Ultrahigh Energy Density and Reversible Electrochromic Window. Advanced Materials, 2017, 29, 1604491.	11.1	153
157	Graphenylene, a unique two-dimensional carbon network with nondelocalized cyclohexatriene units. Journal of Materials Chemistry C, 2013, 1, 38-41.	2.7	151
158	Bottomâ€Up Synthesis of Chemically Precise Graphene Nanoribbons. Chemical Record, 2015, 15, 295-309.	2.9	151
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