

# Dongqing Wu

## List of Publications by Year in descending order

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104  
papers

10,457  
citations

43973

48  
h-index

31759

101  
g-index

108  
all docs

108  
docs citations

108  
times ranked

14354  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen-Doped Ordered Mesoporous Graphitic Arrays with High Electrocatalytic Activity for Oxygen Reduction. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 2565-2569.	7.2	1,223
2	Bottom-Up Fabrication of Photoluminescent Graphene Quantum Dots with Uniform Morphology. <i>Journal of the American Chemical Society</i> , 2011, 133, 15221-15223.	6.6	794
3	An Aqueous Route to Multicolor Photoluminescent Carbon Dots Using Silica Spheres as Carriers. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4598-4601.	7.2	771
4	Two-Dimensional Soft Nanomaterials: A Fascinating World of Materials. <i>Advanced Materials</i> , 2015, 27, 403-427.	11.1	437
5	Two-dimensional semiconducting covalent organic frameworks via condensation at arylmethyl carbon atoms. <i>Nature Communications</i> , 2019, 10, 2467.	5.8	414
6	Two-Dimensional Carbon-Coated Graphene/Metal Oxide Hybrids for Enhanced Lithium Storage. <i>ACS Nano</i> , 2012, 6, 8349-8356.	7.3	402
7	Nitrogen-Doped Porous Carbon Superstructures Derived from Hierarchical Assembly of Polyimide Nanosheets. <i>Advanced Materials</i> , 2016, 28, 1981-1987.	11.1	390
8	Semiconducting 2D Triazine-Cored Covalent Organic Frameworks with Unsubstituted Olefin Linkages. <i>Journal of the American Chemical Society</i> , 2019, 141, 14272-14279.	6.6	362
9	Photoluminescent Carbon Dots as Biocompatible Nanoprobes for Targeting Cancer Cells <i>in Vitro</i> . <i>Journal of Physical Chemistry C</i> , 2010, 114, 12062-12068.	1.5	318
10	Nanocomposites and macroscopic materials: assembly of chemically modified graphene sheets. <i>Chemical Society Reviews</i> , 2012, 41, 6160.	18.7	282
11	An Olefin-Linked Covalent Organic Framework as a Flexible Thin-Film Electrode for a High-Performance Micro-Supercapacitor. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12065-12069.	7.2	226
12	Graphene Coupled Schiff-Base Porous Polymers: Towards Nitrogen-Enriched Porous Carbon Nanosheets with Ultrahigh Electrochemical Capacity. <i>Advanced Materials</i> , 2014, 26, 3081-3086.	11.1	224
13	An Interface-Induced Co-Assembly Approach Towards Ordered Mesoporous Carbon/Graphene Aerogel for High-Performance Supercapacitors. <i>Advanced Functional Materials</i> , 2015, 25, 526-533.	7.8	222
14	Vinylene-Linked Covalent Organic Frameworks (COFs) with Symmetry-Tuned Polarity and Photocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23845-23853.	7.2	197
15	Thiophene-based conjugated oligomers for organic solar cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 17590.	6.7	195
16	Patterning two-dimensional free-standing surfaces with mesoporous conducting polymers. <i>Nature Communications</i> , 2015, 6, 8817.	5.8	193
17	Vinylene-Bridged Two-Dimensional Covalent Organic Frameworks via Knoevenagel Condensation of Tricyanomethylene. <i>Journal of the American Chemical Society</i> , 2020, 142, 11893-11900.	6.6	180
18	Highly reversible and ultra-fast lithium storage in mesoporous graphene-based TiO <sub>2</sub> /SnO <sub>2</sub> hybrid nanosheets. <i>Energy and Environmental Science</i> , 2013, 6, 2447.	15.6	161

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19	Compact Coupled Graphene and Porous Polyaryltriazineâ€Derived Frameworks as High Performance Cathodes for Lithiumâ€Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1812-1816.	7.2	142
20	Substantial Cyanoâ€Substituted Fully <i>sp<sup>2</sup></i> â€Carbonâ€Linked Framework: Metalâ€Free Approach and Visibleâ€Lightâ€Driven Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2017, 27, 1703146.	7.8	138
21	Bottom-up fabrication of photoluminescent carbon dots with uniform morphology via a softâ€hard template approach. <i>Chemical Communications</i> , 2013, 49, 4920.	2.2	124
22	Polyanilineâ€Coupled Multifunctional 2D Metal Oxide/Hydroxide Graphene Nanohybrids. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12105-12109.	7.2	117
23	Highly Crumpled Hybrids of Nitrogen/Sulfur Dual-Doped Graphene and Co <sub>9</sub> S <sub>8</sub> Nanoplates as Efficient Bifunctional Oxygen Electrocatalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 12340-12347.	4.0	105
24	A facile hydrothermal approach towards photoluminescent carbon dots from amino acids. <i>Journal of Colloid and Interface Science</i> , 2015, 439, 129-133.	5.0	96
25	Synthesis of Ionic Vinyleneâ€Linked Covalent Organic Frameworks through Quaternizationâ€Activated Knoevenagel Condensation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13614-13620.	7.2	87
26	Highly Uniform Carbon Sheets with Orientation-Adjustable Ordered Mesopores. <i>ACS Nano</i> , 2018, 12, 5436-5444.	7.3	86
27	Highly conductive and uniform graphene oxide modified PEDOT:PSS electrodes for ITO-Free organic light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2014, 2, 4044-4050.	2.7	85
28	A facile microwave-hydrothermal approach towards highly photoluminescent carbon dots from goose feathers. <i>RSC Advances</i> , 2015, 5, 4428-4433.	1.7	84
29	Poly(ethylene oxide) Functionalized Graphene Nanoribbons with Excellent Solution Processability. <i>Journal of the American Chemical Society</i> , 2016, 138, 10136-10139.	6.6	83
30	Graphene-directed two-dimensional porous carbon frameworks for high-performance lithiumâ€sulfur battery cathodes. <i>Journal of Materials Chemistry A</i> , 2016, 4, 314-320.	5.2	83
31	Synthesis of Vinylene-Linked Covalent Organic Frameworks by Monomer Self-Catalyzed Activation of Knoevenagel Condensation. <i>Journal of the American Chemical Society</i> , 2022, 144, 3653-3659.	6.6	81
32	An Olefinâ€Linked Covalent Organic Framework as a Flexible Thinâ€Film Electrode for a Highâ€Performance Microâ€Supercapacitor. <i>Angewandte Chemie</i> , 2019, 131, 12193-12197.	1.6	78
33	Amphiphilic Polymer Promoted Assembly of Macroporous Graphene/SnO <sub>2</sub> Frameworks with Tunable Porosity for Highâ€Performance Lithium Storage. <i>Small</i> , 2014, 10, 2226-2232.	5.2	69
34	Twoâ€Dimensional Nanocomposites Based on Chemically Modified Graphene. <i>Chemistry - A European Journal</i> , 2011, 17, 10804-10812.	1.7	67
35	Boron-â€nitrogen-based conjugated porous polymers with multi-functions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13878.	5.2	67
36	Nitrogen-doped carbon-encapsulated SnO <sub>2</sub> â€SnS/graphene sheets with improved anodic performance in lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 24148-24154.	5.2	67

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37	Magnesium ion based organic secondary batteries. <i>Journal of Materials Chemistry A</i> , 2018, 6, 17297-17302.	5.2	66
38	Bottom-up Fabrication of Graphene on Silicon/Silica Substrate via a Facile Soft-hard Template Approach. <i>Scientific Reports</i> , 2015, 5, 13480.	1.6	64
39	Heteroatom-Embedded Approach to Vinylene-Linked Covalent Organic Frameworks with Isoelectronic Structures for Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	63
40	A two-dimensional hybrid with molybdenum disulfide nanocrystals strongly coupled on nitrogen-enriched graphene via mild temperature pyrolysis for high performance lithium storage. <i>Nanoscale</i> , 2014, 6, 14679-14685.	2.8	61
41	Nitrogen-enriched hierarchically porous carbon materials fabricated by graphene aerogel templated Schiff-base chemistry for high performance electrochemical capacitors. <i>Polymer Chemistry</i> , 2015, 6, 1088-1095.	1.9	58
42	Highly photoluminescent nitrogen-rich carbon dots from melamine and citric acid for the selective detection of iron(III) ion. <i>RSC Advances</i> , 2016, 6, 31884-31888.	1.7	58
43	Extended C <sub>2</sub> -Symmetric Double NBN-Heterohelicenes with Exceptional Luminescent Properties. <i>Organic Letters</i> , 2020, 22, 209-213.	2.4	55
44	2D polyacrylonitrile brush derived nitrogen-doped carbon nanosheets for high-performance electrocatalysts in oxygen reduction reaction. <i>Polymer Chemistry</i> , 2014, 5, 2057-2064.	1.9	54
45	Carbonized silk fabric-based flexible organic electrochemical transistors for highly sensitive and selective dopamine detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127414.	4.0	54
46	Ternary MoS <sub>2</sub> /SiO <sub>2</sub> /graphene hybrids for high-performance lithium storage. <i>Carbon</i> , 2015, 81, 203-209.	5.4	53
47	Manipulating the Sensitivity and Selectivity of OCT-Based Biosensors via the Surface Engineering of Carbon Cloth Gate Electrodes. <i>Advanced Functional Materials</i> , 2020, 30, 1905361.	7.8	53
48	Metal-Free Nitrogen Doping of Mesoporous Carbon/Graphene Nanosheets by Self-Templating for Oxygen Reduction Electrocatalysts. <i>ChemSusChem</i> , 2014, 7, 3002-3006.	3.6	52
49	Supramolecular Nanostructures of Structurally Defined Graphene Nanoribbons in the Aqueous Phase. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3366-3371.	7.2	52
50	Graphene aerogel supported Fe <sub>5</sub> (PO <sub>4</sub> ) <sub>4</sub> (OH) <sub>3</sub> ·2H <sub>2</sub> O microspheres as high performance cathode for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6174-6179.	5.2	46
51	An ionic liquid promoted microwave-hydrothermal route towards highly photoluminescent carbon dots for sensitive and selective detection of iron(III). <i>RSC Advances</i> , 2015, 5, 24205-24209.	1.7	46
52	Polyaniline-Coupled Multifunctional 2D Metal Oxide/Hydroxide Graphene Nanohybrids. <i>Angewandte Chemie</i> , 2013, 125, 12327-12331.	1.6	45
53	Successive Annulation to Fully Zigzag-Edged Polycyclic Heteroaromatic Hydrocarbons with Strong Blue-Green Electroluminescence. <i>Organic Letters</i> , 2019, 21, 4575-4579.	2.4	43
54	A hit-and-run strategy towards perylene diimide/reduced graphene oxide as high performance sodium ion battery cathode. <i>Chemical Engineering Journal</i> , 2018, 349, 66-71.	6.6	39

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55	Vinylene-Linked Covalent Organic Frameworks (COFs) with Symmetry-Tuned Polarity and Photocatalytic Activity. <i>Angewandte Chemie</i> , 2020, 132, 24053-24061.	1.6	39
56	Surfactant-Assisted Hydrothermal Synthesis of Cobalt Oxide/Nitrogen-Doped Graphene Framework for Enhanced Anodic Performance in Lithium Ion Batteries. <i>Electrochimica Acta</i> , 2016, 194, 310-316.	2.6	38
57	A facile in-situ polymerization strategy towards polyimide/carbon black composites as high performance lithium ion battery cathodes. <i>Electrochimica Acta</i> , 2018, 260, 598-605.	2.6	30
58	Low-voltage blue-phase liquid crystals with polyaniline-functionalized graphene nanosheets. <i>Journal of Materials Chemistry C</i> , 2014, 2, 1730.	2.7	29
59	Anionic porous polymers with tunable structures and catalytic properties. <i>Journal of Materials Chemistry A</i> , 2016, 4, 15162-15168.	5.2	29
60	Perylene diimide-diamine/carbon black composites as high performance lithium/sodium ion battery cathodes. <i>Journal of Materials Chemistry A</i> , 2018, 6, 13613-13618.	5.2	29
61	A hybrid-assembly approach towards nitrogen-doped graphene aerogel supported cobalt nanoparticles as high performance oxygen reduction electrocatalysts. <i>Journal of Colloid and Interface Science</i> , 2016, 464, 83-88.	5.0	27
62	Hierarchically porous nitrogen-doped graphene aerogels as efficient metal-free oxygen reduction catalysts. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 317-321.	5.0	27
63	Heteroatom doped mesoporous carbon/graphene nanosheets as highly efficient electrocatalysts for oxygen reduction. <i>Journal of Colloid and Interface Science</i> , 2014, 421, 160-164.	5.0	26
64	Side-chain-tuned $\pi$ -extended porous polymers for visible light-activated hydrogen evolution. <i>Polymer Chemistry</i> , 2019, 10, 3758-3763.	1.9	26
65	Nitrogen-doped Carbon Microfiber with Wrinkled Surface for High Performance Supercapacitors. <i>Scientific Reports</i> , 2016, 6, 21750.	1.6	24
66	An acid-pasting approach towards perylenetetracarboxylic diimide based lithium/sodium ion battery cathodes with high rate performances. <i>Journal of Colloid and Interface Science</i> , 2019, 538, 597-604.	5.0	24
67	Solution-processed perylene diimide-ethylene diamine cathodes for aqueous zinc ion batteries. <i>Journal of Colloid and Interface Science</i> , 2021, 598, 36-44.	5.0	22
68	A Lyotropic Liquid-Crystal-Based Assembly Avenue toward Highly Oriented Vanadium Pentoxide/Graphene Films for Flexible Energy Storage. <i>Advanced Functional Materials</i> , 2017, 27, 1606269.	7.8	21
69	Bipolar nitrogen-doped graphene frameworks as high-performance cathodes for lithium ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 1588-1594.	5.2	21
70	Carbonized polyaniline coupled molybdenum disulfide/graphene nanosheets for high performance lithium ion battery anodes. <i>RSC Advances</i> , 2015, 5, 96660-96664.	1.7	18
71	A facile biomass based approach towards hierarchically porous nitrogen-doped carbon aerogels. <i>RSC Advances</i> , 2016, 6, 83613-83618.	1.7	18
72	Molybdenum carbide nanoparticle decorated hierarchical tubular carbon superstructures with vertical nanosheet arrays for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2018, 6, 18833-18838.	5.2	18

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73	A facile self-assembly strategy towards naphthalene diimide/graphene hybrids as high performance organic cathodes for lithium-ion batteries. RSC Advances, 2016, 6, 13666-13669.	1.7	17
74	Hierarchically ordered carbon tube-sheet superstructure via template-directed self-assembly of polyimide. Chemical Engineering Journal, 2019, 364, 201-207.	6.6	16
75	An evaporation-induced tri-constituent assembly approach to fabricate an ordered mesoporous carbon/graphene aerogel for high-performance supercapacitors. RSC Advances, 2015, 5, 16765-16768.	1.7	15
76	Strongly coupled polyaniline/graphene hybrids with much enhanced capacitance performance. Journal of Colloid and Interface Science, 2016, 483, 34-40.	5.0	15
77	Ordered mesoporous carbon sphere-based solid-contact ion-selective electrodes. Journal of Materials Science, 2019, 54, 13674-13684.	1.7	15
78	Ordered mesoporous carbon-covered carbonized silk fabrics for flexible electrochemical dopamine detection. Journal of Materials Chemistry B, 2019, 7, 2145-2150.	2.9	15
79	Hierarchically porous cobalt aluminum layered double hydroxide flowers with enhanced capacitance performances. Journal of Materials Science, 2017, 52, 6081-6092.	1.7	14
80	Synthesis of Ionic Vinylene-Linked Covalent Organic Frameworks through Quaternization-Activated Knoevenagel Condensation. Angewandte Chemie, 2021, 133, 13726-13732.	1.6	14
81	Solution-processed organic PDI/CB/TPU cathodes for flexible lithium ion batteries. Electrochimica Acta, 2019, 319, 201-209.	2.6	13
82	Supramolecular Nanostructures of Structurally Defined Graphene Nanoribbons in the Aqueous Phase. Angewandte Chemie, 2018, 130, 3424-3429.	1.6	12
83	Calcium Based All-Organic Dual-Ion Batteries with Stable Low Temperature Operability. Small, 2022, 18, e2200049.	5.2	12
84	Carbon encapsulated Fe <sub>3</sub> O <sub>4</sub> /graphene framework with oriented macropores for lithium ion battery anode with enhanced cycling stability. RSC Advances, 2015, 5, 98399-98403.	1.7	10
85	Bottom-up fabrication of nitrogen-doped mesoporous carbon nanosheets as high performance oxygen reduction catalysts. Journal of Colloid and Interface Science, 2017, 492, 8-14.	5.0	10
86	Heteroatom-Embedded Approach to Vinylene-Linked Covalent Organic Frameworks with Isoelectronic Structures for Photoredox Catalysis. Angewandte Chemie, 2022, 134, e202111627.	1.6	10
87	An acid-assisted vacuum filtration approach towards flexible PDI/SWCNT cathodes for highly stable organic lithium ion batteries. Electrochimica Acta, 2020, 338, 135771.	2.6	9
88	An ionic self-assembly approach towards sandwich-like graphene/SnO <sub>2</sub> /graphene nanosheets for enhanced lithium storage. RSC Advances, 2014, 4, 57869-57874.	1.7	8
89	Leaf-like hybrid of bismuth subcarbonate nanotubes/graphene sheet with highly efficient photocatalytic activities. Journal of Colloid and Interface Science, 2017, 491, 273-278.	5.0	8
90	Concisely modularized assembling of graphene-based thin films with promising electrode performance. Materials Chemistry Frontiers, 2019, 3, 1462-1470.	3.2	8

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91	Covalent Organic Frameworks with trans-Dimensionally Vinylene-linked $\pi$ -Conjugated Motifs. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 382-395.	1.3	8
92	Ionothermally synthesized hierarchical porous Schiff-base-type polymeric networks with ultrahigh specific surface area for supercapacitors. <i>RSC Advances</i> , 2017, 7, 19934-19939.	1.7	6
93	A monomer-assembly template-directed synthesis of conjugated porous polymer microtubular bundles. <i>Materials Horizons</i> , 2020, 7, 551-558.	6.4	6
94	Supercapacitors: An Interface-Induced Co-Assembly Approach Towards Ordered Mesoporous Carbon/Graphene Aerogel for High-Performance Supercapacitors ( <i>Adv. Funct. Mater.</i> 4/2015). <i>Advanced Functional Materials</i> , 2015, 25, 651-651.	7.8	5
95	Three-dimensional Carbon Nitride/Graphene Framework as a High-Performance Cathode for Lithium-Ion Batteries. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1194-1198.	1.7	5
96	Energy Storage: A Lyotropic Liquid-Crystal-Based Assembly Avenue toward Highly Oriented Vanadium Pentoxide/Graphene Films for Flexible Energy Storage ( <i>Adv. Funct. Mater.</i> 12/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	5
97	Pore-size-tunable nitrogen-doped polymeric frameworks for high performance sodium ion storage and supercapacitors. <i>Journal of Porous Materials</i> , 2018, 25, 1407-1416.	1.3	5
98	Graphene frameworks supported cobalt oxide with tunable morphologies for enhanced lithium storage behaviors. <i>Journal of Materials Science</i> , 2016, 51, 4856-4863.	1.7	4
99	Anion-induced self-assembly of positively charged polycyclic aromatic hydrocarbons towards nanostructures with controllable two-dimensional morphologies. <i>CrystEngComm</i> , 2016, 18, 877-880.	1.3	3
100	Synthesis and Physical Properties of Benzopyridazine-Based Conjugated Molecules. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1397-1403.	2.6	2
101	Batch-producible fibrous microelectrodes for enzyme-free electrochemical detection of glucose. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 11511-11522.	1.1	2
102	One-step preparation of novel conjugated porous polymer with tubular structure. <i>Science China Chemistry</i> , 2013, 56, 1112-1118.	4.2	1
103	Sacrificial Templating Fabrication of Hierarchically Porous Nitrogen-Doped Carbon Nanosheets as Superior Oxygen Reduction Electrocatalysts. <i>ChemNanoMat</i> , 2017, 3, 130-134.	1.5	1
104	Two-Dimensional Sandwich-Type, Graphene-Based Conjugated Microporous Polymers ( <i>Angew. Chem.</i> 37/2013). <i>Angewandte Chemie</i> , 2013, 125, 10044-10044.	1.6	0