

Fan Zhang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

1,616
citations

18
h-index

37
g-index

37
ext. papers

2,281
ext. citations

10.1
avg. IF

4.96
L-index

#	Paper	IF	Citations
35	Molybdenum Carbide-Embedded Nitrogen-Doped Porous Carbon Nanosheets as Electrocatalysts for Water Splitting in Alkaline Media. <i>ACS Nano</i> , 2017 , 11, 3933-3942	16.7	302
34	Two-dimensional semiconducting covalent organic frameworks via condensation at arylmethyl carbon atoms. <i>Nature Communications</i> , 2019 , 10, 2467	17.4	218
33	Semiconducting 2D Triazine-Cored Covalent Organic Frameworks with Unsubstituted Olefin Linkages. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14272-14279	16.4	177
32	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	16.4	111
31	Substantial Cyano-Substituted Fully sp ² -Carbon-Linked Framework: Metal-Free Approach and Visible-Light-Driven Hydrogen Evolution. <i>Advanced Functional Materials</i> , 2017 , 27, 1703146	15.6	109
30	Two-Dimensional Porous Polymers: From Sandwich-like Structure to Layered Skeleton. <i>Accounts of Chemical Research</i> , 2018 , 51, 3191-3202	24.3	88
29	Highly Crumpled Hybrids of Nitrogen/Sulfur Dual-Doped Graphene and CoS Nanoplates as Efficient Bifunctional Oxygen Electrocatalysts. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 12340-12347	9.5	87
28	Vinylene-Bridged Two-Dimensional Covalent Organic Frameworks via Knoevenagel Condensation of Tricyanomesitylene. <i>Journal of the American Chemical Society</i> , 2020 , 142, 11893-11900	16.4	78
27	Vinylene-Linked Covalent Organic Frameworks (COFs) with Symmetry-Tuned Polarity and Photocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23845-23853	16.4	64
26	Superlight, Mechanically Flexible, Thermally Superinsulating, and Antifrosting Anisotropic Nanocomposite Foam Based on Hierarchical Graphene Oxide Assembly. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 44010-44017	9.5	45
25	An Olefin-Linked Covalent Organic Framework as a Flexible Thin-Film Electrode for a High-Performance Micro-Supercapacitor. <i>Angewandte Chemie</i> , 2019 , 131, 12193-12197	3.6	44
24	Nano-sandwiched metal hexacyanoferrate/graphene hybrid thin films for in-plane asymmetric micro-supercapacitors with ultrahigh energy density. <i>Materials Horizons</i> , 2019 , 6, 1041-1049	14.4	37
23	Extended -Symmetric Double NBN-Heterohelicenes with Exceptional Luminescent Properties. <i>Organic Letters</i> , 2020 , 22, 209-213	6.2	31
22	Successive Annulation to Fully Zigzag-Edged Polycyclic Heteroaromatic Hydrocarbons with Strong Blue-Green Electroluminescence. <i>Organic Letters</i> , 2019 , 21, 4575-4579	6.2	26
21	A room-temperature interfacial approach towards iron/nitrogen co-doped fibrous porous carbons as electrocatalysts for the oxygen reduction reaction and Zn-Air batteries. <i>Nanoscale</i> , 2019 , 11, 10257-10265	7.7	26
20	An adaptive ionic skin with multiple stimulus responses and moist-electric generation ability. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 17498-17506	13	24
19	Side-chain-tuned Extended porous polymers for visible light-activated hydrogen evolution. <i>Polymer Chemistry</i> , 2019 , 10, 3758-3763	4.9	19

18	Bottom-Up Preparation of Fully sp ² -Bonded Porous Carbons with High Photoactivities. <i>Advanced Functional Materials</i> , 2019 , 29, 1808423	15.6	18
17	Synthesis of Ionic Vinylene-Linked Covalent Organic Frameworks through Quaternization-Activated Knoevenagel Condensation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 13614-13620	16.4	18
16	Highly compact nanochannel thin films with exceptional thermal conductivity and water pumping for efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 13927-13934	13	16
15	Vinylene-Linked Covalent Organic Frameworks (COFs) with Symmetry-Tuned Polarity and Photocatalytic Activity. <i>Angewandte Chemie</i> , 2020 , 132, 24053-24061	3.6	11
14	Heteroatom-Embedded Approach to Vinylene-Linked Covalent Organic Frameworks with Isoelectronic Structures for Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	9
13	syn-BN-heteroacene cored conjugated oligomers with finely tuned blue-violet luminescent properties. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 7106-7111	3.9	7
12	A metal-free approach to bipyridinium salt-based conjugated porous polymers with olefin linkages. <i>Polymer Chemistry</i> , 2021 , 12, 1661-1667	4.9	7
11	Concisely modularized assembling of graphene-based thin films with promising electrode performance. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1462-1470	7.8	6
10	Electrochemical reduction of carbon dioxide with nearly 100% carbon monoxide Faradaic efficiency from vacancy-stabilized single-atom active sites. <i>Journal of Materials Chemistry A</i> ,	13	6
9	Asymmetric Boron-Cored Aggregation-Induced Emission Luminogen with Multiple Functions Synthesized through Stepwise Conversion from a Symmetric Ligand. <i>Journal of Organic Chemistry</i> , 2018 , 83, 12977-12984	4.2	6
8	Ionized aromatization approach to charged porous polymers as exceptional absorbents. <i>Polymer Chemistry</i> , 2019 , 10, 2792-2800	4.9	4
7	A monomer-assembly template-directed synthesis of conjugated porous polymer microtubular bundles. <i>Materials Horizons</i> , 2020 , 7, 551-558	14.4	3
6	Synthesis of Ionic Vinylene-Linked Covalent Organic Frameworks through Quaternization-Activated Knoevenagel Condensation. <i>Angewandte Chemie</i> , 2021 , 133, 13726-13732	3.6	3
5	Concise Approach to T-Shaped NBN-Phenylene Cored Luminogens as Intensive Blue Light Emitters. <i>Chemistry - A European Journal</i> , 2020 , 26, 13966-13972	4.8	1
4	Heteroatom-Embedded Approach to Vinylene-Linked Covalent Organic Frameworks with Isoelectronic Structures for Photoredox Catalysis. <i>Angewandte Chemie</i> , 2022 , 134, e202111627	3.6	1
3	Recyclable amphiphilic porous thin-films as electrodes for high-performance potassium-ion transport and storage. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 3099-3109	7.8	1
2	Hot-Melt Adhesive Based on Dynamic Oxime-Carbamate Bonds. <i>Industrial & Engineering Chemistry Research</i> , 2021 , 60, 6925-6931	3.9	0
1	Extended Ladder-Type Conjugated Polymers via BN-Annulation. <i>Organic Materials</i> , 2021 , 03, 221-227	1.9	

