

# Fan Zhang

## List of Publications by Year in Descending Order

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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	Heteroatom-Embedded Approach to Vinylene-Linked Covalent Organic Frameworks with Isoelectronic Structures for Photoredox Catalysis. <i>Angewandte Chemie</i> , <b>2022</b> , 134, e202111627	3.6	1
34	Heteroatom-Embedded Approach to Vinylene-Linked Covalent Organic Frameworks with Isoelectronic Structures for Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	9
33	Extended Ladder-Type Conjugated Polymers via BN-Annulation. <i>Organic Materials</i> , <b>2021</b> , 03, 221-227	1.9	
32	Hot-Melt Adhesive Based on Dynamic Oxime-Carbamate Bonds. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2021</b> , 60, 6925-6931	3.9	0
31	Synthesis of Ionic Vinylene-Linked Covalent Organic Frameworks through Quaternization-Activated Knoevenagel Condensation. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 13726-13732	3.6	3
30	Synthesis of Ionic Vinylene-Linked Covalent Organic Frameworks through Quaternization-Activated Knoevenagel Condensation. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 13614-13620	16.4	18
29	A metal-free approach to bipyridinium salt-based conjugated porous polymers with olefin linkages. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 1661-1667	4.9	7
28	Recyclable amphiphilic porous thin-films as electrodes for high-performance potassium-ion transport and storage. <i>Materials Chemistry Frontiers</i> , <b>2021</b> , 5, 3099-3109	7.8	1
27	Vinylene-Bridged Two-Dimensional Covalent Organic Frameworks via Knoevenagel Condensation of Tricyanomesitylene. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 11893-11900	16.4	78
26	Highly compact nanochannel thin films with exceptional thermal conductivity and water pumping for efficient solar steam generation. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 13927-13934	13	16
25	Concise Approach to T-Shaped NBN-Phenylene Cored Luminogens as Intensive Blue Light Emitters. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 13966-13972	4.8	1
24	A monomer-assembly template-directed synthesis of conjugated porous polymer microtubular bundles. <i>Materials Horizons</i> , <b>2020</b> , 7, 551-558	14.4	3
23	Extended -Symmetric Double NBN-Heterohelicenes with Exceptional Luminescent Properties. <i>Organic Letters</i> , <b>2020</b> , 22, 209-213	6.2	31
22	An adaptive ionic skin with multiple stimulus responses and moist-electric generation ability. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 17498-17506	13	24
21	Vinylene-Linked Covalent Organic Frameworks (COFs) with Symmetry-Tuned Polarity and Photocatalytic Activity. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 24053-24061	3.6	11
20	Vinylene-Linked Covalent Organic Frameworks (COFs) with Symmetry-Tuned Polarity and Photocatalytic Activity. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 23845-23853	16.4	64
19	Bottom-Up Preparation of Fully sp <sup>2</sup> -Bonded Porous Carbons with High Photoactivities. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1808423	15.6	18

18	An Olefin-Linked Covalent Organic Framework as a Flexible Thin-Film Electrode for a High-Performance Micro-Supercapacitor. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12065-12069	16.4	111
17	Two-dimensional semiconducting covalent organic frameworks via condensation at arylmethyl carbon atoms. <i>Nature Communications</i> , <b>2019</b> , 10, 2467	17.4	218
16	Successive Annulation to Fully Zigzag-Edged Polycyclic Heteroaromatic Hydrocarbons with Strong Blue-Green Electroluminescence. <i>Organic Letters</i> , <b>2019</b> , 21, 4575-4579	6.2	26
15	Side-chain-tuned extended porous polymers for visible light-activated hydrogen evolution. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 3758-3763	4.9	19
14	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> , <b>2019</b> , 11, 10257-10265	7.7	26
13	Concisely modularized assembling of graphene-based thin films with promising electrode performance. <i>Materials Chemistry Frontiers</i> , <b>2019</b> , 3, 1462-1470	7.8	6
12	Ionized aromatization approach to charged porous polymers as exceptional absorbents. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 2792-2800	4.9	4
11	Semiconducting 2D Triazine-Cored Covalent Organic Frameworks with Unsubstituted Olefin Linkages. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14272-14279	16.4	177
10	An Olefin-Linked Covalent Organic Framework as a Flexible Thin-Film Electrode for a High-Performance Micro-Supercapacitor. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 12193-12197	3.6	44
9	Nano-sandwiched metal hexacyanoferrate/graphene hybrid thin films for in-plane asymmetric micro-supercapacitors with ultrahigh energy density. <i>Materials Horizons</i> , <b>2019</b> , 6, 1041-1049	14.4	37
8	Two-Dimensional Porous Polymers: From Sandwich-like Structure to Layered Skeleton. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 3191-3202	24.3	88
7	Asymmetric Boron-Cored Aggregation-Induced Emission Luminogen with Multiple Functions Synthesized through Stepwise Conversion from a Symmetric Ligand. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 12977-12984	4.2	6
6	Highly Crumpled Hybrids of Nitrogen/Sulfur Dual-Doped Graphene and CoS Nanoplates as Efficient Bifunctional Oxygen Electrocatalysts. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 12340-12347	9.5	87
5	Molybdenum Carbide-Embedded Nitrogen-Doped Porous Carbon Nanosheets as Electrocatalysts for Water Splitting in Alkaline Media. <i>ACS Nano</i> , <b>2017</b> , 11, 3933-3942	16.7	302
4	syn-BN-heteroacene cored conjugated oligomers with finely tuned blue-violet luminescent properties. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 7106-7111	3.9	7
3	Superlight, Mechanically Flexible, Thermally Superinsulating, and Antifrosting Anisotropic Nanocomposite Foam Based on Hierarchical Graphene Oxide Assembly. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 44010-44017	9.5	45
2	Substantial Cyano-Substituted Fully sp <sup>2</sup> -Carbon-Linked Framework: Metal-Free Approach and Visible-Light-Driven Hydrogen Evolution. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703146	15.6	109
1	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

