

Yingjie Zhao

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.

95
papers

2,938
citations

30
h-index

52
g-index

109
ext. papers

3,868
ext. citations

9.6
avg, IF

5.57
L-index

#	Paper	IF	Citations
95	Ultrasensitive Photodetectors Based on Strongly Interacted Layered-Perovskite Nanowires.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	1
94	Facile construction of fully sp-carbon conjugated two-dimensional covalent organic frameworks containing benzobisthiazole units.. <i>Nature Communications</i> , 2022 , 13, 100	17.4	22
93	GDY Synthesis and Characterization 2022 , 79-123		0
92	Preparation of crystalline benzotrithiophene-based two-dimensional graphdiyne analogue. <i>2D Materials</i> , 2022 , 9, 014001	5.9	0
91	Construction of tetraphenylethylene-based fluorescent hydrogen-bonded organic frameworks for detection of explosives. <i>Dyes and Pigments</i> , 2022 , 197, 109881	4.6	2
90	Enhanced cross-linking performances and carbon black (CB) dispersion in solution styrene butadiene rubber (SSBR) filled with triazine-based graphdiyne (TGDY). <i>Composites Science and Technology</i> , 2022 , 223, 109438	8.6	0
89	Lead-Free Chiral 2D Double Perovskite Microwire Arrays for Circularly Polarized Light Detection. <i>Advanced Optical Materials</i> , 2022 , 10, 2102227	8.1	1
88	2D Covalent Organic Frameworks as Photocatalysts for Solar Energy Utilization.. <i>Macromolecular Rapid Communications</i> , 2022 , e2200108	4.8	1
87	Heteroatom Doped Graphdiyne and Analogues: Synthesis, Structures and Applications. <i>Chemical Research in Chinese Universities</i> , 2021 , 37, 1213-1223	2.2	1
86	Direct Synthesis of Crystalline Graphtetrayne A New Graphyne Allotrope. <i>CCS Chemistry</i> , 2021 , 3, 1368-1375	13.75	8
85	Highly Efficient Preparation of Single-Layer Two-Dimensional Polymer Obtained from Single-Crystal to Single-Crystal Synthesis. <i>Journal of the American Chemical Society</i> , 2021 , 143, 5636-5642	16.4	13
84	Scalable Single-Crystalline Organic 1D Arrays for Image Sensor. <i>Small</i> , 2021 , 17, e2100332	11	6
83	Spirobifluorene-Based Three-Dimensional Covalent Organic Frameworks with Rigid Topological Channels as Efficient Heterogeneous Catalyst. <i>CCS Chemistry</i> , 2021 , 3, 2418-2427	7.2	15
82	Chiral 2D-Perovskite Nanowires for Stokes Photodetectors. <i>Journal of the American Chemical Society</i> , 2021 , 143, 8437-8445	16.4	29
81	Single-crystal-to-single-crystal Transformations for the Preparation of Small Molecules, 1D and 2D Polymers Single Crystals. <i>Chemistry Letters</i> , 2021 , 50, 1015-1029	1.7	2
80	Water-soluble host-guest fluorescent systems based on fluorophores and cucurbiturils with AIE or ACQ effects. <i>Dyes and Pigments</i> , 2021 , 189, 109267	4.6	7
79	Single-crystal structure of two-dimensional organic framework based on donor-acceptor interactions with charge-transfer effect. <i>Science China Chemistry</i> , 2021 , 64, 1510-1514	7.9	2

78	Bioinspired NADH Regeneration Based on Conjugated Photocatalytic Systems. <i>Solar Rrl</i> , 2021 , 5, 20003391	17
77	Donor-Acceptor Interactions Induced Interfacial Synthesis of an Ultrathin Fluoric 2D Polymer by Photochemical [2+2] Cycloaddition. <i>Chemistry - A European Journal</i> , 2021 , 27, 3661-3664	4.8 4
76	Triptycene-based three-dimensional covalent organic frameworks with stp topology of honeycomb structure. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 944-949	7.8 14
75	Three-Dimensional Covalent-Organic Frameworks Loaded with Highly Dispersed Ultrafine Palladium Nanoparticles as Efficient Heterogeneous Catalyst. <i>ChemNanoMat</i> , 2021 , 7, 95-99	3.5 4
74	Cooperativity in Highly Active Ethylene Dimerization by Dinuclear Nickel Complexes Bearing a Bifunctional PN Ligand. <i>Organometallics</i> , 2021 , 40, 184-193	3.8 5
73	Tessellation strategy for the interfacial synthesis of an anthracene-based 2D polymer [4+4]-photocycloaddition. <i>Chemical Communications</i> , 2021 , 57, 5794-5797	5.8 1
72	Methane adsorption properties of N-doped graphdiyne: a first-principles study. <i>Structural Chemistry</i> , 2021 , 32, 1517-1527	1.8 1
71	Donor-Acceptor Interactions Induced Interfacial Synthesis of an Ultrathin Fluoric 2D Polymer by Photochemical [2+2] Cycloaddition. <i>Chemistry - A European Journal</i> , 2021 , 27, 3574	4.8
70	Donor-Acceptor based two-dimensional covalent organic frameworks for near-infrared photothermal conversion. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 6575-6581	7.8 5
69	Crystalline porphyrin-based graphdiyne for electrochemical hydrogen and oxygen evolution reactions. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 4596-4603	7.8 8
68	High Interfacial-Energy and Lithiophilic Janus Interphase Enables Stable Lithium Metal Anodes. <i>Small</i> , 2021 , 17, e2102196	11 1
67	Optical and electrical modulation in ultraviolet photodetectors based on organic one-dimensional photochromic arrays. <i>SmartMat</i> , 2021 , 2, 388-397	22.8 7
66	Layered Metal-Halide Perovskite Single-Crystalline Microwire Arrays for Anisotropic Nonlinear Optics. <i>Advanced Functional Materials</i> , 2021 , 31, 2105855	15.6 3
65	Triazine-Based Conjugated Microporous Polymers for Efficient Hydrogen Production. <i>ACS Omega</i> , 2021 , 6, 23782-23787	3.9 2
64	Single-crystal structures of cucurbituril-based supramolecular host-guest complexes for bioimaging. <i>Chemical Communications</i> , 2021 , 57, 10190-10193	5.8 1
63	Construction of Fully Conjugated Covalent Organic Frameworks via Facile Linkage Conversion for Efficient Photoenzymatic Catalysis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5958-5963	16.4 85
62	Interfacial Synthesis of a Monolayered Fluorescent Two-Dimensional Polymer through Dynamic Imine Chemistry. <i>ChemistryOpen</i> , 2020 , 9, 381-385	2.3 5
61	Charge transfer co-crystals based on donor-acceptor interactions for near-infrared photothermal conversion. <i>Chemical Communications</i> , 2020 , 56, 5223-5226	5.8 27

60	A highly selective and active metal-free catalyst for ammonia production. <i>Nanoscale Horizons</i> , 2020 , 5, 1274-1278	10.8	12
59	Interfacial synthesis of crystalline two-dimensional cyano-graphdiyne. <i>Chemical Communications</i> , 2020 , 56, 3210-3213	5.8	21
58	Layered-Perovskite Nanowires with Long-Range Orientational Order for Ultrasensitive Photodetectors. <i>Advanced Materials</i> , 2020 , 32, e1905298	24	30
57	Confined Interfacial Synthesis of Highly Crystalline and Ultrathin Graphdiyne Films and Their Applications for N Fixation. <i>Chemistry - A European Journal</i> , 2020 , 26, 7801-7807	4.8	13
56	Grain boundary passivation with triazine-graphdiyne to improve perovskite solar cell performance. <i>Science China Materials</i> , 2020 , 63, 2465-2476	7.1	17
55	Supramolecular Nanodiscs Self-Assembled from Non-Ionic Heptamethine Cyanine for Imaging-Guided Cancer Photothermal Therapy. <i>Advanced Materials</i> , 2020 , 32, e1906711	24	50
54	Graphdiyne-Supported Atomic Catalysts: Synthesis and Applications. <i>ChemPlusChem</i> , 2020 , 85, 2570-2572	9.8	1
53	Construction of Thiazolo[5,4-]thiazole-based Two-Dimensional Network for Efficient Photocatalytic CO Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 46483-46489	9.5	18
52	Capillary-Bridge Controlled Patterning of Stable Double-Perovskite Microwire Arrays for Non-toxic Photodetectors. <i>Frontiers in Chemistry</i> , 2020 , 8, 632	5	4
51	Ultrathin Nanosheet of Graphdiyne-Supported Palladium Atom Catalyst for Efficient Hydrogen Production. <i>IScience</i> , 2019 , 11, 31-41	6.1	104
50	Graphdiyne-Based Materials: Preparation and Application for Electrochemical Energy Storage. <i>Advanced Materials</i> , 2019 , 31, e1803202	24	68
49	Interfacial Synthesis of Conjugated Crystalline 2D Fluorescent Polymer Film Containing Aggregation-Induced Emission Unit. <i>Small</i> , 2019 , 15, e1804519	11	13
48	A water-soluble two-dimensional supramolecular organic framework with aggregation-induced emission for DNA affinity and live-cell imaging. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 1435-1441	7.3	24
47	Rationally engineered active sites for efficient and durable hydrogen generation. <i>Nature Communications</i> , 2019 , 10, 2281	17.4	34
46	Construction of two-dimensional supramolecular nanostructure with aggregation-induced emission effect via host-guest interactions. <i>Materials Chemistry Frontiers</i> , 2019 , 3, 1532-1537	7.8	10
45	Fluorographdiyne: A Metal-Free Catalyst for Applications in Water Reduction and Oxidation. <i>Angewandte Chemie</i> , 2019 , 131, 14035-14041	3.6	20
44	Fluorographdiyne: A Metal-Free Catalyst for Applications in Water Reduction and Oxidation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13897-13903	16.4	72
43	Interfacial synthesis of ultrathin two-dimensional 2PbCO ₃ [Pb(OH) ₂] nanosheets with high enzyme mimic catalytic activity. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 498-503	6.8	1

42	Sulfur-rich Graphdiyne-Containing Electrochemical Active Tetrathiafulvalene for Highly Efficient Lithium Storage Application. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 46070-46076	9.5	17
41	Electrochemical Energy Storage: Graphdiyne-Based Materials: Preparation and Application for Electrochemical Energy Storage (Adv. Mater. 42/2019). <i>Advanced Materials</i> , 2019 , 31, 1970300	24	12
40	Fully Conjugated Two-Dimensional sp ⁻ Carbon Covalent Organic Frameworks as Artificial Photosystem I with High Efficiency. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5376-5381	16.4	133
39	Fully Conjugated Two-Dimensional sp ² -Carbon Covalent Organic Frameworks as Artificial Photosystem I with High Efficiency. <i>Angewandte Chemie</i> , 2019 , 131, 5430-5435	3.6	36
38	Sulfur-substituted perylene diimides: efficient tuning of LUMO levels and visible-light absorption via sulfur redox. <i>Chemical Communications</i> , 2019 , 55, 13570-13573	5.8	12
37	Direct Synthesis of Crystalline Graphdiyne Analogue Based on Supramolecular Interactions. <i>Journal of the American Chemical Society</i> , 2019 , 141, 48-52	16.4	35
36	Ultrafast Interweaving Graphdiyne Nanochain on Arbitrary Substrates and Its Performance as a Supercapacitor Electrode. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2599-2607	9.5	38
35	Preparation of N-Graphdiyne Nanosheets at Liquid/Liquid Interface for Photocatalytic NADH Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2740-2744	9.5	62
34	Graphdiyne-Doped P3CT-K as an Efficient Hole-Transport Layer for MAPbI ₃ Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2626-2631	9.5	45
33	Solid-State Photodimerization of Azaanthracene Derivative Based on a [4+4] Cycloaddition. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 906-909	3	4
32	Efficient Hydrogen Production on a 3D Flexible Heterojunction Material. <i>Advanced Materials</i> , 2018 , 30, e1707082	24	124
31	Improved electron transport in MAPbI ₃ perovskite solar cells based on dual doping graphdiyne. <i>Nano Energy</i> , 2018 , 46, 331-337	17.1	113
30	Controlled Synthesis of a Three-Segment Heterostructure for High-Performance Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1771-1780	9.5	16
29	Interfacial Synthesis of Conjugated Two-Dimensional N-Graphdiyne. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 53-58	9.5	87
28	Controllable Spatial Configuration on Cathode Interface for Enhanced Photovoltaic Performance and Device Stability. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 17401-17408	9.5	10
27	Controlled Growth of MoS ₂ Nanosheets on 2D N-Doped Graphdiyne Nanolayers for Highly Associated Effects on Water Reduction. <i>Advanced Functional Materials</i> , 2018 , 28, 1707564	15.6	82
26	Anion-π Interactions: From concept to application. <i>Chinese Chemical Letters</i> , 2018 , 29, 261-266	8.1	22
25	Passive Mixing inside Microdroplets. <i>Micromachines</i> , 2018 , 9,	3.3	27

24	Highly Conjugated Three-Dimensional Covalent Organic Frameworks Based on Spirobifluorene for Perovskite Solar Cell Enhancement. <i>Journal of the American Chemical Society</i> , 2018 , 140, 10016-10024	16.4	111
23	Overall water splitting by graphdiyne-exfoliated and -sandwiched layered double-hydroxide nanosheet arrays. <i>Nature Communications</i> , 2018 , 9, 5309	17.4	188
22	The Emergence of Anion- π Catalysis. <i>Accounts of Chemical Research</i> , 2018 , 51, 2255-2263	24.3	121
21	Enolate Stabilization by Anion- π Interactions: Deuterium Exchange in Malonate Dilactones on π -Acidic Surfaces. <i>Chemistry - A European Journal</i> , 2016 , 22, 2545-2545	4.8	1
20	Unorthodox Interactions at Work. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4270-7	16.4	108
19	Enolate Stabilization by Anion- π Interactions: Deuterium Exchange in Malonate Dilactones on π -Acidic Surfaces. <i>Chemistry - A European Journal</i> , 2016 , 22, 2648-57	4.8	34
18	Selective acceleration of disfavored enolate addition reactions by anion- π interactions. <i>Chemical Science</i> , 2015 , 6, 6219-6223	9.4	59
17	Asymmetric Anion- π Catalysis: Enamine Addition to Nitroolefins on π -Acidic Surfaces. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11582-5	16.4	49
16	Coumarin synthesis on π -acidic surfaces. <i>Supramolecular Chemistry</i> , 2015 , 27, 303-309	1.8	4
15	Big, strong, neutral, twisted, and chiral π -acids. <i>Chemistry - A European Journal</i> , 2015 , 21, 6202-7	4.8	16
14	Enolate chemistry with anion- π interactions. <i>Nature Communications</i> , 2014 , 5, 3911	17.4	57
13	Synthesis of a naphthalenediimide-based cyclophane for controlling anion- π interactions. <i>Inorganic Chemistry Frontiers</i> , 2014 , 1, 661-667	6.8	9
12	Anion- π catalysis. <i>Journal of the American Chemical Society</i> , 2014 , 136, 2101-11	16.4	160
11	Catalysis with anion- π interactions. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9940-3	16.4	153
10	Innenrücktitelbild: Catalysis with Anion- π Interactions (Angew. Chem. 38/2013). <i>Angewandte Chemie</i> , 2013 , 125, 10311-10311	3.6	1
9	Catalysis with Anion- π Interactions. <i>Angewandte Chemie</i> , 2013 , 125, 10124-10127	3.6	53
8	Selective and colorimetric fluoride anion chemosensor based on s-tetrazines. <i>Dalton Transactions</i> , 2012 , 41, 13338-42	4.3	48
7	Construction of a functional [2]rotaxane with multilevel fluorescence responses. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 7500-3	3.9	15

6	Self-assembly of indolocarbazole-containing macrocyclic molecules. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 3923-7	3.9	18
5	Construction of an interpenetrated structure of macrocycles. <i>Chemical Communications</i> , 2010 , 46, 5698-700	3.0	34
4	Multifunctional Organic Single-Crystalline Microwire Arrays toward Optical Applications. <i>Advanced Functional Materials</i> , 2113025	15.6	2
3	Configurational Selectivity Study of Two-dimensional Covalent Organic Frameworks Isomers Containing D2h and C2 Building Blocks. <i>Chemical Research in Chinese Universities</i> , 1	2.2	0
2	Hierarchical Confined Assembly of Bilayer Heterostructures with Programmable Patterns 770-778		1
1	Synthesis of Graphyne using dynamic covalent chemistry		6