

Yingjie Zhao

List of Publications by Year in descending order

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99
papers

4,850
citations

94433

37
h-index

102487

66
g-index

109
all docs

109
docs citations

109
times ranked

4601
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Preparation of crystalline benzotrithiophene-based two-dimensional graphdiyne analogue. 2D Materials, 2022, 9, 014001. | 4.4 | 6 |
| 2 | Construction of tetraphenylethylene-based fluorescent hydrogen-bonded organic frameworks for detection of explosives. Dyes and Pigments, 2022, 197, 109881. | 3.7 | 11 |
| 3 | <scp>Oneâ€Pot</scp> Synthesis of <scp>Fullyâ€Conjugated</scp> Chemically Stable <scp>Twoâ€Dimensional</scp> Covalent Organic Framework. Chinese Journal of Chemistry, 2022, 40, 699-704. | 4.9 | 14 |
| 4 | Template-Free Synthesis of an Interlocked Covalent Organic Molecular Cage. Journal of Organic Chemistry, 2022, 87, 2767-2772. | 3.2 | 7 |
| 5 | Ultrasensitive Photodetectors Based on Strongly Interacted Layered-Perovskite Nanowires. ACS Applied Materials & Interfaces, 2022, 14, 1601-1608. | 8.0 | 8 |
| 6 | Facile construction of fully sp ² -carbon conjugated two-dimensional covalent organic frameworks containing benzobisthiazole units. Nature Communications, 2022, 13, 100. | 12.8 | 107 |
| 7 | Multifunctional Organic Singleâ€Crystalline Microwire Arrays toward Optical Applications. Advanced Functional Materials, 2022, 32, . | 14.9 | 9 |
| 8 | Regulating lithium deposition behavior by electrokinetic effects in a high-zeta-potential h-BN/zinc-lithium alloy for high-performance lithium metal anodes. Journal of Materials Chemistry A, 2022, 10, 5221-5229. | 10.3 | 6 |
| 9 | Configurational Selectivity Study of Two-dimensional Covalent Organic Frameworks Isomers Containing D _{2h} and C ₂ Building Blocks. Chemical Research in Chinese Universities, 2022, 38, 639-642. | 2.6 | 3 |
| 10 | Hierarchical Confined Assembly of Bilayer Heterostructures with Programmable Patterns. , 2022, 4, 770-778. | | 4 |
| 11 | Enhanced cross-linking performances and carbon black (CB) dispersion in solution styrene butadiene rubber (SSBR) filled with triazine-based graphdiyne (TGDY). Composites Science and Technology, 2022, 223, 109438. | 7.8 | 8 |
| 12 | Leadâ€Free Chiral 2D Double Perovskite Microwire Arrays for Circularly Polarized Light Detection. Advanced Optical Materials, 2022, 10, . | 7.3 | 21 |
| 13 | Preparation of a Large Amount of Ultrathin Graphdiyne. Chemistry - A European Journal, 2022, 28, . | 3.3 | 9 |
| 14 | 2D Covalent Organic Frameworks as Photocatalysts for Solar Energy Utilization. Macromolecular Rapid Communications, 2022, 43, e2200108. | 3.9 | 17 |
| 15 | Synthesis of $\hat{1}^3$ -graphyne using dynamic covalent chemistry. , 2022, 1, 449-454. | | 106 |
| 16 | Reversible phase transition for switchable second harmonic generation in 2D perovskite microwires. SmartMat, 2022, 3, 657-667. | 10.7 | 8 |
| 17 | Bioinspired NADH Regeneration Based on Conjugated Photocatalytic Systems. Solar Rrl, 2021, 5, 2000339. | 5.8 | 56 |
| 18 | Donorâ€Acceptor Interactions Induced Interfacial Synthesis of an Ultrathin Fluoric 2D Polymer by Photochemical [2+2] Cycloaddition. Chemistry - A European Journal, 2021, 27, 3661-3664. | 3.3 | 7 |

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|----|--|------|-----------|
| 19 | Triptycene-based three-dimensional covalent organic frameworks with <i>h</i> topology of honeycomb structure. <i>Materials Chemistry Frontiers</i> , 2021, 5, 944-949. | 5.9 | 26 |
| 20 | Three-Dimensional Covalent Organic Frameworks Loaded with Highly Dispersed Ultrafine Palladium Nanoparticles as Efficient Heterogeneous Catalyst. <i>ChemNanoMat</i> , 2021, 7, 95-99. | 2.8 | 21 |
| 21 | Cooperativity in Highly Active Ethylene Dimerization by Dinuclear Nickel Complexes Bearing a Bifunctional PN Ligand. <i>Organometallics</i> , 2021, 40, 184-193. | 2.3 | 16 |
| 22 | Tessellation strategy for the interfacial synthesis of an anthracene-based 2D polymer <i>via</i> [4+4]-photocycloaddition. <i>Chemical Communications</i> , 2021, 57, 5794-5797. | 4.1 | 3 |
| 23 | Methane adsorption properties of N-doped graphdiyne: a first-principles study. <i>Structural Chemistry</i> , 2021, 32, 1517-1527. | 2.0 | 6 |
| 24 | 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, 3574-3574. | 3.3 | 0 |
| 25 | Donor-acceptor based two-dimensional covalent organic frameworks for near-infrared photothermal conversion. <i>Materials Chemistry Frontiers</i> , 2021, 5, 6575-6581. | 5.9 | 17 |
| 26 | Crystalline porphyrin-based graphdiyne for electrochemical hydrogen and oxygen evolution reactions. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4596-4603. | 5.9 | 16 |
| 27 | Direct Synthesis of Crystalline Graphtetrayne—A New Graphyne Allotrope. <i>CCS Chemistry</i> , 2021, 3, 1368-1375. | 7.8 | 26 |
| 28 | 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. | 13.7 | 41 |
| 29 | Scalable Single-Crystalline Organic 1D Arrays for Image Sensor. <i>Small</i> , 2021, 17, e2100332. | 10.0 | 16 |
| 30 | Spirobifluorene-Based Three-Dimensional Covalent Organic Frameworks with Rigid Topological Channels as Efficient Heterogeneous Catalyst. <i>CCS Chemistry</i> , 2021, 3, 2418-2427. | 7.8 | 38 |
| 31 | Chiral 2D-Perovskite Nanowires for Stokes Photodetectors. <i>Journal of the American Chemical Society</i> , 2021, 143, 8437-8445. | 13.7 | 91 |
| 32 | 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. | 1.3 | 17 |
| 33 | Water-soluble host-guest fluorescent systems based on fluorophores and cucurbiturils with AIE or ACQ effects. <i>Dyes and Pigments</i> , 2021, 189, 109267. | 3.7 | 17 |
| 34 | 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. | 8.2 | 7 |
| 35 | High Interfacial Energy and Lithiophilic Janus Interphase Enables Stable Lithium Metal Anodes. <i>Small</i> , 2021, 17, e2102196. | 10.0 | 15 |
| 36 | Optical and electrical modulation in ultraviolet photodetectors based on organic one-dimensional photochromic arrays. <i>SmartMat</i> , 2021, 2, 388-397. | 10.7 | 22 |

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|----|--|------|-----------|
| 37 | Layered Metal-Halide Perovskite Single-Crystalline Microwire Arrays for Anisotropic Nonlinear Optics. <i>Advanced Functional Materials</i> , 2021, 31, 2105855. | 14.9 | 30 |
| 38 | Triazine-Based Conjugated Microporous Polymers for Efficient Hydrogen Production. <i>ACS Omega</i> , 2021, 6, 23782-23787. | 3.5 | 10 |
| 39 | Outside Back Cover: Volume 2 Issue 3. <i>SmartMat</i> , 2021, 2, ii. | 10.7 | 0 |
| 40 | Single-crystal structures of cucurbituril-based supramolecular host-guest complexes for bioimaging. <i>Chemical Communications</i> , 2021, 57, 10190-10193. | 4.1 | 11 |
| 41 | Heteroatom Doped Graphdiyne and Analogues: Synthesis, Structures and Applications. <i>Chemical Research in Chinese Universities</i> , 2021, 37, 1213-1223. | 2.6 | 7 |
| 42 | Supramolecular Nanodiscs Self-Assembled from Non-Ionic Heptamethine Cyanine for Imaging-Guided Cancer Photothermal Therapy. <i>Advanced Materials</i> , 2020, 32, e1906711. | 21.0 | 82 |
| 43 | Graphdiyne-Supported Atomic Catalysts: Synthesis and Applications. <i>ChemPlusChem</i> , 2020, 85, 2570-2579. | 2.8 | 6 |
| 44 | Construction of Thiazolo[5,4-d]thiazole-based Two-Dimensional Network for Efficient Photocatalytic CO ₂ Reduction. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 46483-46489. | 8.0 | 43 |
| 45 | Capillary-Bridge Controlled Patterning of Stable Double-Perovskite Microwire Arrays for Non-toxic Photodetectors. <i>Frontiers in Chemistry</i> , 2020, 8, 632. | 3.6 | 9 |
| 46 | 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. | 13.7 | 177 |
| 47 | Interfacial Synthesis of a Monolayered Fluorescent Two-Dimensional Polymer through Dynamic Imine Chemistry. <i>ChemistryOpen</i> , 2020, 9, 381-385. | 1.9 | 7 |
| 48 | Charge transfer co-crystals based on donor-acceptor interactions for near-infrared photothermal conversion. <i>Chemical Communications</i> , 2020, 56, 5223-5226. | 4.1 | 62 |
| 49 | A highly selective and active metal-free catalyst for ammonia production. <i>Nanoscale Horizons</i> , 2020, 5, 1274-1278. | 8.0 | 20 |
| 50 | Interfacial synthesis of crystalline two-dimensional cyano-graphdiyne. <i>Chemical Communications</i> , 2020, 56, 3210-3213. | 4.1 | 44 |
| 51 | Layered Perovskite Nanowires with Long-Range Orientational Order for Ultrasensitive Photodetectors. <i>Advanced Materials</i> , 2020, 32, e1905298. | 21.0 | 49 |
| 52 | Confined Interfacial Synthesis of Highly Crystalline and Ultrathin Graphdiyne Films and Their Applications for N ₂ Fixation. <i>Chemistry - A European Journal</i> , 2020, 26, 7801-7807. | 3.3 | 22 |
| 53 | Grain boundary passivation with triazine-graphdiyne to improve perovskite solar cell performance. <i>Science China Materials</i> , 2020, 63, 2465-2476. | 6.3 | 26 |
| 54 | Fluorographdiyne: A Metal-Free Catalyst for Applications in Water Reduction and Oxidation. <i>Angewandte Chemie</i> , 2019, 131, 14035-14041. | 2.0 | 34 |

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|----|---|------|-----------|
| 55 | Fluorographdiyne: A Metal-Free Catalyst for Applications in Water Reduction and Oxidation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13897-13903. | 13.8 | 123 |
| 56 | Interfacial synthesis of ultrathin two-dimensional $2\text{PbCO}_3 \cdot \text{Pb}(\text{OH})_2$ nanosheets with high enzyme mimic catalytic activity. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 498-503. | 6.0 | 1 |
| 57 | Sulfur-rich Graphdiyne-Containing Electrochemical Active Tetrathiafulvalene for Highly Efficient Lithium Storage Application. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 46070-46076. | 8.0 | 29 |
| 58 | Electrochemical Energy Storage: Graphdiyne-Based Materials: Preparation and Application for Electrochemical Energy Storage (<i>Adv. Mater.</i> 42/2019). <i>Advanced Materials</i> , 2019, 31, 1970300. | 21.0 | 20 |
| 59 | Ultrathin Nanosheet of Graphdiyne-Supported Palladium Atom Catalyst for Efficient Hydrogen Production. <i>IScience</i> , 2019, 11, 31-41. | 4.1 | 149 |
| 60 | Graphdiyne-Based Materials: Preparation and Application for Electrochemical Energy Storage. <i>Advanced Materials</i> , 2019, 31, e1803202. | 21.0 | 136 |
| 61 | Interfacial Synthesis of Conjugated Crystalline 2D Fluorescent Polymer Film Containing Aggregation-Induced Emission Unit. <i>Small</i> , 2019, 15, e1804519. | 10.0 | 19 |
| 62 | 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. | 5.8 | 40 |
| 63 | Rationally engineered active sites for efficient and durable hydrogen generation. <i>Nature Communications</i> , 2019, 10, 2281. | 12.8 | 59 |
| 64 | Construction of two-dimensional supramolecular nanostructure with aggregation-induced emission effect via host-guest interactions. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1532-1537. | 5.9 | 22 |
| 65 | Fully Conjugated Two-Dimensional sp^2 -Carbon Covalent Organic Frameworks as Artificial Photosystem...I with High Efficiency. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5376-5381. | 13.8 | 230 |
| 66 | 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. | 2.0 | 59 |
| 67 | Sulfur-substituted perylene diimides: efficient tuning of LUMO levels and visible-light absorption via sulfur redox. <i>Chemical Communications</i> , 2019, 55, 13570-13573. | 4.1 | 17 |
| 68 | Direct Synthesis of Crystalline Graphdiyne Analogue Based on Supramolecular Interactions. <i>Journal of the American Chemical Society</i> , 2019, 141, 48-52. | 13.7 | 60 |
| 69 | Ultrafast Interweaving Graphdiyne Nanochain on Arbitrary Substrates and Its Performance as a Supercapacitor Electrode. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2599-2607. | 8.0 | 58 |
| 70 | Preparation of N-Graphdiyne Nanosheets at Liquid/Liquid Interface for Photocatalytic NADH Regeneration. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 2740-2744. | 8.0 | 89 |
| 71 | 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. | 8.0 | 61 |
| 72 | Solid-State Photodimerization of Azaanthracene Derivative Based on a [4+4] Cycloaddition. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 906-909. | 2.7 | 7 |

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|----|---|------|-----------|
| 73 | Efficient Hydrogen Production on a 3D Flexible Heterojunction Material. <i>Advanced Materials</i> , 2018, 30, e1707082. | 21.0 | 158 |
| 74 | Improved electron transport in MAPbI ₃ perovskite solar cells based on dual doping graphdiyne. <i>Nano Energy</i> , 2018, 46, 331-337. | 16.0 | 135 |
| 75 | Controlled Synthesis of a Three-Segment Heterostructure for High-Performance Overall Water Splitting. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 1771-1780. | 8.0 | 22 |
| 76 | Interfacial Synthesis of Conjugated Two-Dimensional N-Graphdiyne. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 53-58. | 8.0 | 124 |
| 77 | Controllable Spatial Configuration on Cathode Interface for Enhanced Photovoltaic Performance and Device Stability. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 17401-17408. | 8.0 | 11 |
| 78 | 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. | 14.9 | 119 |
| 79 | Anion- π interactions: From concept to application. <i>Chinese Chemical Letters</i> , 2018, 29, 261-266. | 9.0 | 39 |
| 80 | Overall water splitting by graphdiyne-exfoliated and -sandwiched layered double-hydroxide nanosheet arrays. <i>Nature Communications</i> , 2018, 9, 5309. | 12.8 | 287 |
| 81 | The Emergence of Anion- π Catalysis. <i>Accounts of Chemical Research</i> , 2018, 51, 2255-2263. | 15.6 | 165 |
| 82 | Passive Mixing inside Microdroplets. <i>Micromachines</i> , 2018, 9, 160. | 2.9 | 42 |
| 83 | 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. | 13.7 | 195 |
| 84 | Enolate Stabilization by Anion- π Interactions: Deuterium Exchange in Malonate Dilactones on π -Acidic Surfaces. <i>Chemistry - A European Journal</i> , 2016, 22, 2648-2657. | 3.3 | 41 |
| 85 | 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. | 3.3 | 2 |
| 86 | Unorthodox Interactions at Work. <i>Journal of the American Chemical Society</i> , 2016, 138, 4270-4277. | 13.7 | 123 |
| 87 | Big, Strong, Neutral, Twisted, and Chiral π -Acids. <i>Chemistry - A European Journal</i> , 2015, 21, 6202-6207. | 3.3 | 17 |
| 88 | Selective acceleration of disfavored enolate addition reactions by anion- π interactions. <i>Chemical Science</i> , 2015, 6, 6219-6223. | 7.4 | 69 |
| 89 | Asymmetric Anion- π Catalysis: Enamine Addition to Nitroolefins on π -Acidic Surfaces. <i>Journal of the American Chemical Society</i> , 2015, 137, 11582-11585. | 13.7 | 60 |
| 90 | Coumarin synthesis on π -acidic surfaces. <i>Supramolecular Chemistry</i> , 2015, 27, 303-309. | 1.2 | 4 |

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|----|---|------|-----------|
| 91 | Enolate chemistry with anion-π interactions. <i>Nature Communications</i> , 2014, 5, 3911. | 12.8 | 68 |
| 92 | Synthesis of a naphthalenediimide-based cyclophane for controlling anion-π/arene interactions. <i>Inorganic Chemistry Frontiers</i> , 2014, 1, 661-667. | 6.0 | 10 |
| 93 | Anion-π Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 2101-2111. | 13.7 | 178 |
| 94 | Catalysis with Anion-π Interactions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9940-9943. | 13.8 | 173 |
| 95 | Innenrücktitelbild: Catalysis with Anion-π Interactions (<i>Angew. Chem.</i> 38/2013). <i>Angewandte Chemie</i> , 2013, 125, 10311-10311. | 2.0 | 1 |
| 96 | Selective and colorimetric fluoride anion chemosensor based on s-tetrazines. <i>Dalton Transactions</i> , 2012, 41, 13338. | 3.3 | 52 |
| 97 | Construction of a functional [2]rotaxane with multilevel fluorescence responses. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7500. | 2.8 | 16 |
| 98 | Self-assembly of indolocarbazole-containing macrocyclic molecules. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3923. | 2.8 | 21 |
| 99 | Construction of an interpenetrated structure of macrocycles. <i>Chemical Communications</i> , 2010, 46, 5698. | 4.1 | 39 |