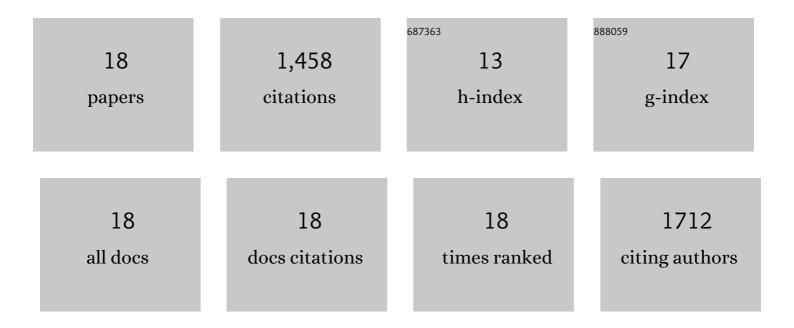
Lipeng Zhai

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Stable Covalent Organic Frameworks for Exceptional Mercury Removal from Aqueous Solutions. Journal of the American Chemical Society, 2017, 139, 2428-2434.	13.7	519
2	Multiple-component covalent organic frameworks. Nature Communications, 2016, 7, 12325.	12.8	227
3	Confining H3PO4 network in covalent organic frameworks enables proton super flow. Nature Communications, 2020, 11, 1981.	12.8	114
4	A backbone design principle for covalent organic frameworks: the impact of weakly interacting units on CO ₂ adsorption. Chemical Communications, 2017, 53, 4242-4245.	4.1	113
5	Constructing Synergistic Triazine and Acetylene Cores in Fully Conjugated Covalent Organic Frameworks for Cascade Photocatalytic H ₂ O ₂ Production. Chemistry of Materials, 2022, 34, 5232-5240.	6.7	90
6	Conjugated Covalent Organic Frameworks as Platinum Nanoparticle Supports for Catalyzing the Oxygen Reduction Reaction. Chemistry of Materials, 2020, 32, 9747-9752.	6.7	68
7	Construction of Covalent Organic Frameworks with Crown Ether Struts. Angewandte Chemie - International Edition, 2021, 60, 9959-9963.	13.8	57
8	Cationic Covalent Organic Frameworks for Fabricating an Efficient Triboelectric Nanogenerator. , 2020, 2, 1691-1697.		42
9	<i>In situ</i> construction of redox-active covalent organic frameworks/carbon nanotube composites as anodes for lithium-ion batteries. Journal of Materials Chemistry A, 2022, 10, 3989-3995.	10.3	41
10	Bromineâ€Functionalized Covalent Organic Frameworks for Efficient Triboelectric Nanogenerator. Chemistry - A European Journal, 2020, 26, 5784-5788.	3.3	40
11	Constructing cationic covalent organic frameworks by a post-function process for an exceptional iodine capture <i>via</i> electrostatic interactions. Materials Chemistry Frontiers, 2021, 5, 5463-5470.	5.9	39
12	Constructing Stable and Porous Covalent Organic Frameworks for Efficient Iodine Vapor Capture. Macromolecular Rapid Communications, 2021, 42, e2100032.	3.9	30
13	Homogeneous and Fast Li-Ion Transport Enabled by a Novel Metal–Organic-Framework-Based Succinonitrile Electrolyte for Dendrite-Free Li Deposition. ACS Applied Materials & Interfaces, 2021, 13, 52688-52696.	8.0	22
14	Accumulation of Sulfonic Acid Groups Anchored in Covalent Organic Frameworks as an Intrinsic Proton onducting Electrolyte. Macromolecular Rapid Communications, 2022, 43, e2100590.	3.9	17
15	Highly Reversible and Stable Zinc Anode Enabled by a Fully Conjugated Porous Organic Polymer Protective Layer. ACS Applied Energy Materials, 2022, 5, 2375-2383.	5.1	16
16	Design of Photoactive Covalent Organic Frameworks as Heterogeneous Catalyst for Preparation of Thiophosphinates from Phosphine Oxides and Thiols. Chemistry - A European Journal, 2022, , .	3.3	12
17	Flexible thiourea linked covalent organic frameworks. CrystEngComm, 2021, 23, 7576-7580.	2.6	6
18	Construction of Covalent Organic Frameworks with Crown Ether Struts. Angewandte Chemie, 2021, 133, 10047-10051.	2.0	5