Guolong Xing

List of Publications by Year
in descending order

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Version: 2024-02-01

41	2,761	279798	302126
papers	citations	23 h-index	39 g-index

43	43	43	2619
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication of COF-MOF Composite Membranes and Their Highly Selective Separation of H₂/CO₂. Journal of the American Chemical Society, 2016, 138, 7673-7680.	13.7	452
2	New synthetic strategies toward covalent organic frameworks. Chemical Society Reviews, 2020, 49, 2852-2868.	38.1	394
3	Porous organic polymers: a promising platform for efficient photocatalysis. Materials Chemistry Frontiers, 2020, 4, 332-353.	5.9	256
4	Synthesis of Crystalline Porous Organic Salts with High Proton Conductivity. Angewandte Chemie - International Edition, 2018, 57, 5345-5349.	13.8	162
5	Tricycloquinazolineâ€Based 2D Conductive Metalâ€“Organic Frameworks as Promising Electrocatalysts for CO₂Reduction. Angewandte Chemie - International Edition, 2021, 60, 14473-14479.	13.8	130
6	Stable 2D Heteroporous Covalent Organic Frameworks for Efficient Ionic Conduction. Angewandte Chemie - International Edition, 2019, 58, 15742-15746.	13.8	121
7	Facile Synthesis of Porphyrin Based Covalent Organic Frameworks via an A₂B₂ Monomer for Highly Efficient Heterogeneous Catalysis. Chemistry of Materials, 2019, 31, 8100-8105.	6.7	111
8	Arylamineâ€Linked 2D Covalent Organic Frameworks for Efficient Pseudocapacitive Energy Storage. Angewandte Chemie - International Edition, 2021, 60, 20754-20759.	13.8	107
9	Macrocycle-derived hierarchical porous organic polymers: synthesis and applications. Chemical Society Reviews, 2021, 50, 11684-11714.	38.1	90
10	A double helix of opposite charges to form channels with unique CO₂ selectivity and dynamics. Chemical Science, 2019, 10, 730-736.	7.4	87
11	Ultrastable Covalent Organic Frameworks via Self-Polycondensation of an A₂B₂ Monomer for Heterogeneous Photocatalysis. Macromolecules, 2019, 52, 7977-7983.	4.8	84
12	A 3D Organically Synthesized Porous Carbon Material for Lithiumâ€Ion Batteries. Angewandte Chemie - International Edition, 2018, 57, 11952-11956.	13.8	75
13	Polymorphism of 2D Imine Covalent Organic Frameworks. Angewandte Chemie - International Edition, 2021, 60, 5363-5369.	13.8	67
14	N-Rich 2D Heptazine Covalent Organic Frameworks as Efficient Metal-Free Photocatalysts. ACS Catalysis, 2022, 12, 616-623.	11.2	65
15	Skeleton Engineering of Isostructural 2D Covalent Organic Frameworks: Orthoquinone Redox-Active Sites Enhanced Energy Storage. CCS Chemistry, 2021, 3, 696-706.	7.8	62
16	Nonplanar Rhombus and Kagome 2D Covalent Organic Frameworks from Distorted Aromatics for Electrical Conduction. Journal of the American Chemical Society, 2022, 144, 5042-5050.	13.7	54
17	Donor-acceptor 2D covalent organic frameworks for efficient heterogeneous photocatalytic Î±-oxyamination. Science China Chemistry, 2021, 64, 827-833.	8.2	46
18	N,Nâ€²-Bicarbazole-Based Covalent Triazine Frameworks as High-Performance Heterogeneous Photocatalysts. Macromolecules, 2019, 52, 9786-9791.	4.8	42

#	Article	IF	Citations
19	Synthesis of Crystalline Porous Organic Salts with High Proton Conductivity. Angewandte Chemie, 2018, 130, 5443-5447.	2.0	41
20	2D covalent organic frameworks with built-in amide active sites for efficient heterogeneous catalysis. Chemical Communications, 2019, 55, 14538-14541.	4.1	38
21	Docking Site Modulation of Isostructural Covalent Organic Frameworks for CO₂ Fixation. Chemistry - A European Journal, 2020, 26, 4510-4514.	3.3	37
22	Sulfonated 2D Covalent Organic Frameworks for Efficient Proton Conduction. Chemistry - A European Journal, 2021, 27, 3817-3822.	3.3	30
23	Colossal Negative Linear Compressibility in Porous Organic Salts. Journal of the American Chemical Society, 2020, 142, 3593-3599.	13.7	25
24	An In Situ Film-to-Film Transformation Approach toward Highly Crystalline Covalent Organic Framework Films. CCS Chemistry, 2022, 4, 1519-1525.	7.8	25
25	Stable 2D Heteroporous Covalent Organic Frameworks for Efficient Ionic Conduction. Angewandte Chemie, 2019, 131, 15889-15893.	2.0	22
26	An Upgraded â€œTwoâ€•inâ€•Oneâ€•Strategy toward Highly Crystalline Covalent Organic Frameworks. Chemistry - A European Journal, 2020, 26, 8377-8381.	3.3	22
27	Multifunctional Organosulfonate Anions Self-Assembled with Organic Cations by Charge-Assisted Hydrogen Bonds and the Cooperation of Water. Crystal Growth and Design, 2018, 18, 2082-2092.	3.0	20
28	Polymorphism of 2D Imine Covalent Organic Frameworks. Angewandte Chemie, 2021, 133, 5423-5429.	2.0	17
29	Arylamineâ€Linked 2D Covalent Organic Frameworks for Efficient Pseudocapacitive Energy Storage. Angewandte Chemie, 2021, 133, 20922-20927.	2.0	13
30	Tricycloquinazolineâ€Based 2D Conductive Metalâ€“Organic Frameworks as Promising Electrocatalysts for CO 2 Reduction. Angewandte Chemie, 2021, 133, 14594-14600.	2.0	12
31	Facile synthesis of 3D covalent organic frameworks via a two-in-one strategy. Chemical Communications, 2021, 57, 2136-2139.	4.1	11
32	Direct pore engineering of 2D imine covalent organic frameworks via sub-stoichiometric synthesis. Science China Chemistry, 2022, 65, 190-196.	8.2	9
33	Charged porous organic frameworks bearing heteroatoms with enhanced isosteric enthalpies of gas adsorption. RSC Advances, 2018, 8, 20434-20439.	3.6	6
34	A three-dimensional polycyclic aromatic hydrocarbon based covalent organic framework doped with iodine for electrical conduction. Chinese Chemical Letters, 2023, 34, 107454.	9.0	6
35	A 3D Organically Synthesized Porous Carbon Material for Lithiumâ€Ion Batteries. Angewandte Chemie, 2018, 130, 12128-12132.	2.0	5
36	Linkages take charge. , 2022, 1, 341-343.		5

#	Article	IF	Citations
37	Electron and proton conducting framework organic salt single crystals. Journal of Solid State Chemistry, 2022, 308, 122903.	2.9	4
38	Porous Organic Frameworks-derived Porous Carbons with Outstanding Gas Adsorption Performance. Chemical Research in Chinese Universities, 2018, 34, 338-343.	2.6	3
39	One-step Strategy to Synthesize Porous Carbons by Carbonized Porous Organic Materials and Their Applications. Acta Chimica Sinica, 2018, 76, 366.	1.4	3
40	RÃ¼cktitelbild: A 3D Organically Synthesized Porous Carbon Material for Lithium-Ion Batteries (Angew.) Tj ETQq0 0 0 rgBT /Overlock 10	2.0	0
41	RÃ¼cktitelbild: Tricycloquinazolineâ€Based 2D Conductive Metalâ€“Organic Frameworks as Promising Electrocatalysts for CO₂ Reduction (Angew. Chem. 26/2021). Angewandte Chemie, 2021, 133, 14840-14840.	2.0	0