

Xing Li

List of Publications by Citations

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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.

36
papers

1,762
citations

23
h-index

37
g-index

37
ext. papers

2,422
ext. citations

14.3
avg, IF

5.08
L-index

#	Paper	IF	Citations
36	Tunable near white-emissive two-dimensional covalent organic frameworks. <i>Nature Communications</i> , 2018 , 9, 2335	17.4	159
35	Highly photoluminescent two-dimensional imine-based covalent organic frameworks for chemical sensing. <i>Chemical Communications</i> , 2018 , 54, 2349-2352	5.8	138
34	Mechanistic Insight into Hydrogen-Bond-Controlled Crystallinity and Adsorption Property of Covalent Organic Frameworks from Flexible Building Blocks. <i>Chemistry of Materials</i> , 2018 , 30, 2299-2308	9.6	111
33	Covalent Organic Framework with Frustrated Bonding Network for Enhanced Carbon Dioxide Storage. <i>Chemistry of Materials</i> , 2018 , 30, 1762-1768	9.6	109
32	Salicylideneanilines-Based Covalent Organic Frameworks as Chemoselective Molecular Sieves. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8897-8904	16.4	99
31	Laminated self-standing covalent organic framework membrane with uniformly distributed subnanopores for ionic and molecular sieving. <i>Nature Communications</i> , 2020 , 11, 599	17.4	99
30	Single-Atom Coated Separator for Robust Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 25147-25154	9.5	95
29	Layer-Stacking-Driven Fluorescence in a Two-Dimensional Imine-Linked Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12922-12929	16.4	81
28	Engineering Local and Global Structures of Single Co Atoms for a Superior Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2020 , 10, 5862-5870	13.1	76
27	Covalent-Organic-Framework-Based Li-CO Batteries. <i>Advanced Materials</i> , 2019 , 31, e1905879	24	75
26	Carbonyl-based polyimide and polyquinoneimide for potassium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 9997-10003	13	69
25	Molecular Engineering of Bandgaps in Covalent Organic Frameworks. <i>Chemistry of Materials</i> , 2018 , 30, 5743-5749	9.6	65
24	Function-oriented synthesis of two-dimensional (2D) covalent organic frameworks - from 3D solids to 2D sheets. <i>Chemical Society Reviews</i> , 2020 , 49, 4835-4866	58.5	60
23	Superhydrophobic-oleophobic Ag nanowire platform: an analyte-concentrating and quantitative aqueous and organic toxin surface-enhanced Raman scattering sensor. <i>Analytical Chemistry</i> , 2014 , 86, 10437-44	7.8	56
22	Solution-Processable Covalent Organic Framework Electrolytes for All-Solid-State Li/Organic Batteries. <i>ACS Energy Letters</i> , 2020 , 5, 3498-3506	20.1	51
21	Rapid, Scalable Construction of Highly Crystalline Acylhydrazone Two-Dimensional Covalent Organic Frameworks via Dipole-Induced Antiparallel Stacking. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4932-4943	16.4	48
20	Linkage Engineering by Harnessing Supramolecular Interactions to Fabricate 2D Hydrazone-Linked Covalent Organic Framework Platforms toward Advanced Catalysis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18138-18149	16.4	44

19	Room-Temperature Magnets Based on 1,3,5-Triazine-Linked Porous Organic Radical Frameworks. <i>Chem</i> , 2019 , 5, 1223-1234	16.2	41
18	Recent Progress in Covalent Organic Frameworks as Solid-State Ion Conductors 2019 , 1, 327-335		36
17	Cobalt Single-Atom-Intercalated Molybdenum Disulfide for Sulfide Oxidation with Exceptional Chemoselectivity. <i>Advanced Materials</i> , 2020 , 32, e1906437	24	30
16	Promoted Glycerol Oxidation Reaction in an Interface-Confined Hierarchically Structured Catalyst. <i>Advanced Materials</i> , 2019 , 31, e1804763	24	29
15	A High-Performance Lithium Metal Battery with Ion-Selective Nanofluidic Transport in a Conjugated Microporous Polymer Protective Layer. <i>Advanced Materials</i> , 2021 , 33, e2006323	24	27
14	Single crystal of a one-dimensional metallo-covalent organic framework. <i>Nature Communications</i> , 2020 , 11, 1434	17.4	26
13	Partitioning the interlayer space of covalent organic frameworks by embedding pseudorotaxanes in their backbones. <i>Nature Chemistry</i> , 2020 , 12, 1115-1122	17.6	23
12	Enantioselective Alkylation of Glycine Imine Promoted by Amino-Acid-Derived Phosphonium Salts. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 1457-1460	3	22
11	Expedient synthesis of -hydrazone esters and 1-indazole scaffolds through heterogeneous single-atom platinum catalysis. <i>Science Advances</i> , 2019 , 5, eaay1537	14.3	17
10	A Photoswitchable [2]Rotaxane Array on Graphene Oxide. <i>Asian Journal of Organic Chemistry</i> , 2012 , 1, 314-318	3	16
9	Highly Enantioselective Conjugate Addition of Glycine Imines to Activated Alkenes Catalyzed by Amino-Acid-Derived Chiral Phosphonium Salts. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 4298-4301	3.3	11
8	Photothermal-responsive [2]rotaxanes. <i>RSC Advances</i> , 2013 , 3, 2341	3.7	11
7	Iron Single Atom Catalyzed Quinoline Synthesis. <i>Advanced Materials</i> , 2021 , 33, e2101382	24	11
6	Divergent Chemistry Paths for 3D and 1D Metallo-Covalent Organic Frameworks (COFs). <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11527-11532	16.4	10
5	The Origin of Dual Emission in Antiparallel-Stacked Two-Dimensional Covalent Organic Frameworks 2020 , 2, 654-657		8
4	Constructing ambivalent imidazopyridinium-linked covalent organic frameworks 2022 , 1, 382-392		4
3	Divergent Chemistry Paths for 3D and 1D Metallo-Covalent Organic Frameworks (COFs). <i>Angewandte Chemie</i> , 2020 , 132, 11624-11629	3.6	3
2	Two-Dimensional Conjugated Covalent Organic Framework Films via Oxidative C-C Coupling Reactions at a Liquid-Liquid Interface. <i>Organic Materials</i> , 2021 , 03, 060-066	1.9	1

- 1 Genetic Clues on Implantable Cardioverter-Defibrillator Placement in Young-Age Hypertrophic Cardiomyopathy: A Case Report of Novel Mutation and Literature Review.. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 810291

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