

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.

38 papers	1,563 citations	17 h-index	39 g-index
41 ext. papers	2,160 ext. citations	9.9 avg, IF	5.14 L-index

#	Paper	IF	Citations
38	Homochiral 2D Porous Covalent Organic Frameworks for Heterogeneous Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2016 , 138, 12332-5	16.4	336
37	Multivariate Chiral Covalent Organic Frameworks with Controlled Crystallinity and Stability for Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2017 , 139, 8277-8285	16.4	186
36	Chiral BINOL-Based Covalent Organic Frameworks for Enantioselective Sensing. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7081-7089	16.4	131
35	Chiral induction in covalent organic frameworks. <i>Nature Communications</i> , 2018 , 9, 1294	17.4	105
34	Control Interlayer Stacking and Chemical Stability of Two-Dimensional Covalent Organic Frameworks via Steric Tuning. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16124-16133	16.4	101
33	Nanochannels of Covalent Organic Frameworks for Chiral Selective Transmembrane Transport of Amino Acids. <i>Journal of the American Chemical Society</i> , 2019 , 141, 20187-20197	16.4	88
32	Perfluoroalkyl-Functionalized Covalent Organic Frameworks with Superhydrophobicity for Anhydrous Proton Conduction. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14357-14364	16.4	82
31	Assessing natural and anthropogenic influences on water discharge and sediment load in the Yangtze River, China. <i>Science of the Total Environment</i> , 2017 , 607-608, 920-932	10.2	65
30	Rational synthesis of interpenetrated 3D covalent organic frameworks for asymmetric photocatalysis. <i>Chemical Science</i> , 2019 , 11, 1494-1502	9.4	59
29	High-Performance Poly(vinylidene difluoride)/Dopamine Core/Shell Piezoelectric Nanofiber and Its Application for Biomedical Sensors. <i>Advanced Materials</i> , 2021 , 33, e2006093	24	52
28	Multivariate crystalline porous materials: Synthesis, property and potential application. <i>Coordination Chemistry Reviews</i> , 2019 , 385, 174-190	23.2	42
27	Pd@COF-QA: a phase transfer composite catalyst for aqueous Suzuki-Miyaura coupling reaction. <i>Green Chemistry</i> , 2020 , 22, 1150-1155	10	36
26	Chiral DHIP- and Pyrrolidine-Based Covalent Organic Frameworks for Asymmetric Catalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 5065-5071	8.3	35
25	An N-heterocyclic carbene-functionalised covalent organic framework with atomically dispersed palladium for coupling reactions under mild conditions. <i>Green Chemistry</i> , 2019 , 21, 5267-5273	10	27
24	Chiral Phosphoric Acids in Metal-Organic Frameworks with Enhanced Acidity and Tunable Catalytic Selectivity. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14748-14757	16.4	24
23	Boosting the Iodine Adsorption and Radioresistance of Th-UiO-66 MOFs via Aromatic Substitution. <i>Chemistry - A European Journal</i> , 2021 , 27, 1286-1291	4.8	23
22	Dynamic Transformation between Covalent Organic Frameworks and Discrete Organic Cages. <i>Journal of the American Chemical Society</i> , 2020 , 142, 21279-21284	16.4	17

21	Metal- and Covalent Organic Frameworks Threaded with Chiral Polymers for Heterogeneous Asymmetric Catalysis. <i>Organometallics</i> , 2019 , 38, 3474-3479	3.8	15
20	Substoichiometric 3D Covalent Organic Frameworks Based on Hexagonal Linkers. <i>Journal of the American Chemical Society</i> , 2021 , 143, 10243-10249	16.4	15
19	Covalent Organic Framework-Based Electrolytes for Fast Li ⁺ Conduction and High-Temperature Solid-State Lithium-Ion Batteries. <i>Chemistry of Materials</i> , 2021 , 33, 5058-5066	9.6	14
18	3D Covalent Organic Frameworks with Interpenetrated pcb Topology Based on 8-Connected Cubic Nodes.. <i>Journal of the American Chemical Society</i> , 2022 ,	16.4	13
17	Thermo-responsive polymer micelle-based nanoreactors for intelligent polyoxometalate catalysis. <i>Catalysis Communications</i> , 2015 , 58, 164-168	3.2	12
16	A recyclable thermo-responsive catalytic system based on poly(N-isopropylacrylamide)-coated POM@SBA-15 nanospheres. <i>Catalysis Communications</i> , 2014 , 51, 29-32	3.2	11
15	Porphyrin-based donor-acceptor COFs as efficient and reusable photocatalysts for PET-RAFT polymerization under broad spectrum excitation.. <i>Chemical Science</i> , 2021 , 12, 16092-16099	9.4	11
14	Chiral Phosphoric Acids in Metal-Organic Frameworks with Enhanced Acidity and Tunable Catalytic Selectivity. <i>Angewandte Chemie</i> , 2019 , 131, 14890-14899	3.6	10
13	Synthesis and Catalytic Properties of Metal-Heterocyclic-Carbene-Decorated Covalent Organic Framework. <i>Organic Letters</i> , 2020 , 22, 7363-7368	6.2	9
12	Biodegradable pH-Dependent Thermo-Sensitive Hydrogels for Oral Insulin Delivery. <i>Macromolecular Chemistry and Physics</i> , 2012 , 213, 713-719	2.6	7
11	Molecular design of all nitrogen pentazole-based high energy density compounds with oxygen balance equal to zero. <i>Journal of the Chinese Chemical Society</i> , 2019 , 66, 377-384	1.5	7
10	Conjugated Microporous Polymer with C-C and C-F Bonds: Achieving Remarkable Stability and Super Anhydrous Proton Conductivity. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 15536-15541	9.5	5
9	Pressure-induced structure, vibrational properties, and initial decomposition mechanisms of EHM crystal: A periodic DFT study. <i>Journal of Molecular Graphics and Modelling</i> , 2019 , 90, 144-152	2.8	4
8	A palladium-carbon-connected organometallic framework and its catalytic application. <i>Chemical Communications</i> , 2019 , 55, 14414-14417	5.8	4
7	Facile one-pot synthesis of mesoporous heteropolyacids-silica hybrid for catalytic wet hydrogen peroxide oxidation of phenol. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 72, 663-667	2.3	3
6	Highly Processable Covalent Organic Framework Gel Electrolyte Enabled by Side-Chain Engineering for Lithium-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2021 , 61, e202110695	16.4	2
5	Analysis of the contributions of human factors and natural factors affecting the vegetation pattern in coastal wetlands. <i>Ecosystem Health and Sustainability</i> , 2020 , 6, 1827982	3.7	2
4	Host-Guest Assembly of H-Bonding Networks in Covalent Organic Frameworks for Ultrafast and Anhydrous Proton Transfer. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 37172-37178	9.5	2

3	Computational insight into energetic cage derivatives based on hexahydro-1,3,5-trinitro-1,3,5-triazine. <i>Journal of the Chinese Chemical Society</i> , 2020 , 67, 961-968	1.5	1
2	Theoretical studies of size effects on surfacial properties for CL-20 and NTO nanoparticles. <i>Structural Chemistry</i> , 2021 , 32, 565-580	1.8	1
1	Three-dimensional covalent organic frameworks based on a π -conjugated tetrahedral node. <i>Chemical Communications</i> , 2021 , 57, 10379-10382	5.8	1