

# Yao Chen

## List of Publications by Year in descending order

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193  
papers

10,546  
citations

36303

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38395

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198  
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198  
docs citations

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times ranked

10412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective Coating with Crystalline Shells to Fabricate Dual-Stimuli Responsive Actuators. <i>CCS Chemistry</i> , 2022, 4, 205-213.	7.8	14
2	Biomolecule@COF: Natural-artificial hybrid microcapsules for controllable biocatalysis. <i>Particuology</i> , 2022, 64, 140-144.	3.6	12
3	The Role of Vitamin D in Gastrointestinal Diseases: Inflammation, Gastric Cancer, and Colorectal Cancer. <i>Current Medicinal Chemistry</i> , 2022, 29, 3836-3856.	2.4	5
4	Engineering Olefin-Linked Covalent Organic Frameworks for Photoenzymatic Reduction of CO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	65
5	Engineering Olefin-Linked Covalent Organic Frameworks for Photoenzymatic Reduction of CO <sub>2</sub> . <i>Angewandte Chemie</i> , 2022, 134, .	2.0	12
6	A Class of Rigid-Flexible Coupling Crystalline Crosslinked Polymers as Vapomechanical Actuators. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	11
7	A Class of Rigid-Flexible Coupling Crystalline Crosslinked Polymers as Vapomechanical Actuators. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	3
8	Pharmacotranscriptomic profiling of resistant triple-negative breast cancer cells treated with lapatinib and berberine shows upregulation of PI3K/Akt signaling under cytotoxic stress. <i>Gene</i> , 2022, 816, 146171.	2.2	3
9	Modular assembly of electron transfer pathways in bimetallic MOFs for photocatalytic ammonia synthesis. <i>Catalysis Science and Technology</i> , 2022, 12, 2015-2022.	4.1	10
10	Stepwise Fabrication of Proton-conducting Covalent Organic Frameworks for Hydrogen Fuel Cell Applications. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 461-467.	2.6	2
11	Multi-stepwise charge transfer <i>via</i> MOF@MOF/TiO <sub>2</sub> dual-heterojunction photocatalysts towards hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2022, 10, 9717-9725.	10.3	37
12	The Design and Optimization of Monomeric Multitarget Peptides for the Treatment of Multifactorial Diseases. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 3685-3705.	6.4	1
13	Thermally rearranged covalent organic framework with flame-retardancy as a high safety Li-ion solid electrolyte. <i>EScience</i> , 2022, 2, 311-318.	41.6	41
14	A Practical and High-Affinity Fluorescent Probe for Butyrylcholinesterase: A Good Strategy for Binding Affinity Characterization. <i>Chinese Journal of Chemistry</i> , 2022, 40, 1285-1292.	4.9	5
15	Bottom-Up Synthesis of 8-Connected Three-Dimensional Covalent Organic Frameworks for Highly Efficient Ethylene/Ethane Separation. <i>Journal of the American Chemical Society</i> , 2022, 144, 5643-5652.	13.7	131
16	Elucidating the Novel Mechanism of Ligustrazine in Preventing Postoperative Peritoneal Adhesion Formation. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-30.	4.0	0
17	Post-synthetic modifications of metal-organic cages. <i>Nature Reviews Chemistry</i> , 2022, 6, 339-356.	30.2	66
18	Improvement of the enzymatic detoxification activity towards mycotoxins through structure-based engineering. <i>Biotechnology Advances</i> , 2022, 56, 107927.	11.7	20

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19	Activation of mitochondrial-associated apoptosis signaling pathway and inhibition of PI3K/Akt/mTOR signaling pathway by voacamine suppress breast cancer progression. <i>Phytomedicine</i> , 2022, 99, 154015.	5.3	23
20	Therapeutic strategies of glioblastoma (GBM): The current advances in the molecular targets and bioactive small molecule compounds. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1781-1804.	12.0	27
21	The modification of titanium in mesoporous silica for Co-based Fischer-Tropsch catalysts. <i>Frontiers of Chemical Science and Engineering</i> , 2022, 16, 1224-1236.	4.4	4
22	Melt polymerization synthesis of a class of robust self-shaped olefin-linked COF foams as high-efficiency separators. <i>Science China Chemistry</i> , 2022, 65, 1173-1184.	8.2	35
23	Covalent organic frameworks as crystalline sponges for enzyme extraction and production from natural biosystems. <i>Chemical Engineering Journal</i> , 2022, 444, 136624.	12.7	5
24	Hepatitis B virus X protein mediated epigenetic alterations in the pathogenesis of hepatocellular carcinoma. <i>Hepatology International</i> , 2022, 16, 741-754.	4.2	6
25	Bioinspired construction of g-C <sub>3</sub> N <sub>4</sub> isotype heterojunction on carbonized poly(tannic acid) nanorod surface with multistep electron transfer path. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 431, 114045.	3.9	3
26	Enzyme Immobilization in Porphyrinic Covalent Organic Frameworks for Photoenzymatic Asymmetric Catalysis. <i>ACS Catalysis</i> , 2022, 12, 8259-8268.	11.2	35
27	Tethering Flexible Polymers to Crystalline Porous Materials: A Win-Win Hybridization Approach. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14222-14235.	13.8	22
28	Tethering Flexible Polymers to Crystalline Porous Materials: A Win-Win Hybridization Approach. <i>Angewandte Chemie</i> , 2021, 133, 14342-14355.	2.0	3
29	Synthesis and bio-evaluation of a novel selective butyrylcholinesterase inhibitor discovered through structure-based virtual screening. <i>International Journal of Biological Macromolecules</i> , 2021, 166, 1352-1364.	7.5	5
30	Fluorescent and colorimetric dual-response sensor based on copper (II)-decorated graphitic carbon nitride nanosheets for detection of toxic organophosphorus. <i>Food Chemistry</i> , 2021, 345, 128560.	8.2	24
31	Rational Construction of Borromean Linked Crystalline Organic Polymers. <i>Angewandte Chemie</i> , 2021, 133, 3011-3016.	2.0	3
32	Rational Construction of Borromean Linked Crystalline Organic Polymers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2974-2979.	13.8	16
33	Discovery of potent glycogen synthase kinase 3/cholinesterase inhibitors with neuroprotection as potential therapeutic agent for Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 30, 115940.	3.0	14
34	Improving the thermostability of trehalose synthase from <i>Thermomonospora curvata</i> by covalent cyclization using peptide tags and investigation of the underlying molecular mechanism. <i>International Journal of Biological Macromolecules</i> , 2021, 168, 13-21.	7.5	14
35	Highly dispersed Co nanoparticles embedded in a carbon matrix as a robust and efficient Fischer-Tropsch synthesis catalyst under harsh conditions. <i>Catalysis Science and Technology</i> , 2021, 11, 1059-1066.	4.1	6
36	A robust heterometallic ultramicroporous MOF with ultrahigh selectivity for propyne/propylene separation. <i>Journal of Materials Chemistry A</i> , 2021, 9, 2850-2856.	10.3	22

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37	Rational Fabrication of Crystalline Smart Materials for Rapid Detection and Efficient Removal of Ozone. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6055-6060.	13.8	55
38	Enhanced synergy between CuO and Cu <sup>+</sup> on nickel doped copper catalyst for gaseous acetic acid hydrogenation. <i>Frontiers of Chemical Science and Engineering</i> , 2021, 15, 666-678.	4.4	11
39	Structure and therapeutic uses of butyrylcholinesterase: Application in detoxification, Alzheimer's disease, and fat metabolism. <i>Medicinal Research Reviews</i> , 2021, 41, 858-901.	10.5	45
40	Rational Fabrication of Crystalline Smart Materials for Rapid Detection and Efficient Removal of Ozone. <i>Angewandte Chemie</i> , 2021, 133, 6120-6125.	2.0	9
41	Design and application of covalent organic frameworks for ionic conduction. <i>Polymer Chemistry</i> , 2021, 12, 4874-4894.	3.9	27
42	Frontispiece: Rational Construction of Borromean Linked Crystalline Organic Polymers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
43	Novel BuChE-IDO1 inhibitors from sertaconazole: Virtual screening, chemical optimization and molecular modeling studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 34, 127756.	2.2	7
44	Insight into the Influence of the Graphite Layer and Cobalt Crystalline on a ZIF-67-Derived Catalyst for Fischer-Tropsch Synthesis. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 9885-9896.	8.0	11
45	Multifunctional Platforms: Metal-Organic Frameworks for Cutaneous and Cosmetic Treatment. <i>CheM</i> , 2021, 7, 450-462.	11.7	12
46	Frontispiz: Rational Construction of Borromean Linked Crystalline Organic Polymers. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
47	Fabrication of Robust Covalent Organic Frameworks for Enhanced Visible-Light-Driven H <sub>2</sub> Evolution. <i>ACS Catalysis</i> , 2021, 11, 2098-2107.	11.2	116
48	Green synthesis of olefin-linked covalent organic frameworks for hydrogen fuel cell applications. <i>Nature Communications</i> , 2021, 12, 1982.	12.8	147
49	Comparison of different sequencing strategies for assembling chromosome-level genomes of extremophiles with variable GC content. <i>IScience</i> , 2021, 24, 102219.	4.1	3
50	Achieving effective and selective CK1 inhibitors through structure modification. <i>Future Medicinal Chemistry</i> , 2021, 13, 505-528.	2.3	8
51	CO <sub>2</sub> hydrogenation to C <sub>5+</sub> hydrocarbons over K-promoted Fe/CNT catalyst: Effect of potassium on structure-activity relationship. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6253.	3.5	10
52	Dual-Selective Catalysis in Dephosphorylation Tuned by Hf <sub>6</sub> -Containing Metal-Organic Frameworks Mimicking Phosphatase. <i>ACS Central Science</i> , 2021, 7, 831-840.	11.3	17
53	Fabrication of Moisture-Responsive Crystalline Smart Materials for Water Harvesting and Electricity Transduction. <i>Journal of the American Chemical Society</i> , 2021, 143, 7732-7739.	13.7	49
54	Highly Potent and Selective Butyrylcholinesterase Inhibitors for Cognitive Improvement and Neuroprotection. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6856-6876.	6.4	38

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55	Scalable Room-Temperature Synthesis of Highly Robust Ethane-Selective Metal-Organic Frameworks for Efficient Ethylene Purification. <i>Journal of the American Chemical Society</i> , 2021, 143, 8654-8660.	13.7	124
56	Synthesis and activity of miconazole derivatives as dual BChE/IDO1 inhibitors for the treatment of Alzheimer's disease. <i>Future Medicinal Chemistry</i> , 2021, 13, 1105-1125.	2.3	1
57	Design and application of ionic covalent organic frameworks. <i>Coordination Chemistry Reviews</i> , 2021, 438, 213873.	18.8	80
58	Fabrication of Biomolecule-Covalent-Organic-Framework Composites as Responsive Platforms for Smart Regulation of Fermentation Application. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 32058-32066.	8.0	13
59	Boosting Nitrogen Activation via Bimetallic Organic Frameworks for Photocatalytic Ammonia Synthesis. <i>ACS Catalysis</i> , 2021, 11, 9986-9995.	11.2	61
60	On-Surface Bottom-Up Construction of COF Nanoshells towards Photocatalytic H <sub>2</sub> Production. <i>Research</i> , 2021, 2021, 9798564.	5.7	10
61	Grotthuss Proton-Conductive Covalent Organic Frameworks for Efficient Proton Pseudocapacitors. <i>Angewandte Chemie</i> , 2021, 133, 22009-22016.	2.0	20
62	Grotthuss Proton-Conductive Covalent Organic Frameworks for Efficient Proton Pseudocapacitors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21838-21845.	13.8	100
63	Strategies for Structural Modification of Small Molecules to Improve Blood-Brain Barrier Penetration: A Recent Perspective. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 13152-13173.	6.4	69
64	Inhibition of Histone Deacetylase 6 (HDAC6) as a therapeutic strategy for Alzheimer's disease: A review (2010-2020). <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113874.	5.5	25
65	Nitrogenase-inspired bimetallic metal organic frameworks for visible-light-driven nitrogen fixation. <i>Applied Catalysis B: Environmental</i> , 2021, 292, 120167.	20.2	64
66	Bioinspired construction of carbonized poly(tannic acid)/g-C <sub>3</sub> N <sub>4</sub> nanorod photocatalysts for organics degradation. <i>Applied Surface Science</i> , 2021, 562, 150256.	6.1	19
67	Efficient propyne/propadiene separation by microporous crystalline physisorbents. <i>Nature Communications</i> , 2021, 12, 5768.	12.8	26
68	Pyrimidine-modified g-C <sub>3</sub> N <sub>4</sub> nanosheets for enhanced photocatalytic H <sub>2</sub> evolution. <i>Materials Research Bulletin</i> , 2021, 144, 111498.	5.2	9
69	Ginsenoside Rb1 ameliorates Glycemic Disorder in Mice With High Fat Diet-Induced Obesity via Regulating Gut Microbiota and Amino Acid Metabolism. <i>Frontiers in Pharmacology</i> , 2021, 12, 756491.	3.5	21
70	Functional Peptides Encoded by Long Non-Coding RNAs in Gastrointestinal Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 777374.	2.8	10
71	Template-Directed Fabrication of Highly Efficient Metal-Organic Framework Photocatalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 58619-58629.	8.0	9
72	Engineering COFs as smart triggers for rapid capture and controlled release of singlet oxygen. <i>Journal of Materials Chemistry A</i> , 2021, 9, 27434-27441.	10.3	10

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73	Gardenia jasminoides Ellis Fruit Extracts Attenuated Colitis in 2,4,6-Trinitrobenzenesulfonic Acid-Induced Rats. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-11.	1.2	1
74	Reasonably activating Nrf2: A long-term, effective and controllable strategy for neurodegenerative diseases. European Journal of Medicinal Chemistry, 2020, 185, 111862.	5.5	27
75	Design, synthesis, <i>in vitro</i> and <i>in vivo</i> evaluation of benzylpiperidine-linked 1,3-dimethylbenzimidazolinones as cholinesterase inhibitors against Alzheimer's disease. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 330-343.	5.2	19
76	Combined Intrinsic and Extrinsic Proton Conduction in Robust Covalent Organic Frameworks for Hydrogen Fuel Cell Applications. Angewandte Chemie - International Edition, 2020, 59, 3678-3684.	13.8	196
77	Combined Intrinsic and Extrinsic Proton Conduction in Robust Covalent Organic Frameworks for Hydrogen Fuel Cell Applications. Angewandte Chemie, 2020, 132, 3707-3713.	2.0	39
78	Design and evaluation of Nrf2 activators with 1,3,4-oxa/thiadiazole core as neuro-protective agents against oxidative stress in PC-12 cells. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 126853.	2.2	4
79	Rational design and biological evaluation of a new class of thiazolopyridyl tetrahydroacridines as cholinesterase and GSK-3 dual inhibitors for Alzheimer's disease. European Journal of Medicinal Chemistry, 2020, 207, 112751.	5.5	15
80	Biomimetic synthesis of 2D/2D mixed graphitic carbon nitride /carbonized polydopamine nanosheets with excellent photocatalytic performance. Materials Chemistry and Physics, 2020, 256, 123621.	4.0	15
81	Discovery and Biological Evaluation of a Novel Highly Potent Selective Butyrylcholinesterase Inhibitor. Journal of Medicinal Chemistry, 2020, 63, 10030-10044.	6.4	48
82	Core-Shell Co@C Catalyst: Effect of a Confined Carbon Microenvironment on Syngas Conversion. Industrial & Engineering Chemistry Research, 2020, 59, 14636-14642.	3.7	4
83	COF-inspired fabrication of two-dimensional polyoxometalate based open frameworks for biomimetic catalysis. Nanoscale, 2020, 12, 21218-21224.	5.6	25
84	Rational design and synthesis of ultramicroporous metal-organic frameworks for gas separation. Coordination Chemistry Reviews, 2020, 423, 213485.	18.8	127
85	Bioinspired Construction of g-C <sub>3</sub> N <sub>4</sub> Nanolayers on a Carbonized Polydopamine Nanosphere Surface with Excellent Photocatalytic Performance. Industrial & Engineering Chemistry Research, 2020, 59, 12389-12398.	3.7	11
86	Nitrogenase-inspired mixed-valence MIL-53(FeII/FeIII) for photocatalytic nitrogen fixation. Chemical Engineering Journal, 2020, 400, 125929.	12.7	70
87	Metal-Organic Framework Disintegrants: Enzyme Preparation Platforms with Boosted Activity. Angewandte Chemie - International Edition, 2020, 59, 16764-16769.	13.8	105
88	Synthesis of high-efficient g-C <sub>3</sub> N <sub>4</sub> /polydopamine/CdS nanophotocatalyst based on bioinspired adhesion and chelation. Materials Research Bulletin, 2020, 131, 110970.	5.2	20
89	Robust Bimetallic Ultramicroporous Metal-Organic Framework for Separation and Purification of Noble Gases. Inorganic Chemistry, 2020, 59, 4868-4873.	4.0	39
90	Fabricating Covalent Organic Framework Capsules with Commodious Microenvironment for Enzymes. Journal of the American Chemical Society, 2020, 142, 6675-6681.	13.7	236

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91	<i>In situ</i> construction of hydrazone-linked COF-based core-shell hetero-frameworks for enhanced photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2020, 8, 7724-7732.	10.3	108
92	Combined exposure of lead and cadmium leads to the aggravated neurotoxicity through regulating the expression of histone deacetylase 2. <i>Chemosphere</i> , 2020, 252, 126589.	8.2	24
93	Metal-Organic Framework Disintegrants: Enzyme Preparation Platforms with Boosted Activity. <i>Angewandte Chemie</i> , 2020, 132, 16907-16912.	2.0	12
94	One-pot fabrication of porous nitrogen-deficient g-C <sub>3</sub> N <sub>4</sub> with superior photocatalytic performance. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 400, 112729.	3.9	17
95	Discovery of a Selective 6-Hydroxy-1, 4-Diazepan-2-one Containing Butyrylcholinesterase Inhibitor by Virtual Screening and MM-GBSA Rescoring. <i>Dose-Response</i> , 2020, 18, 155932582093852.	1.6	2
96	Protein-Structure-Directed Metal-Organic Zeolite-Like Networks as Biomacromolecule Carriers. <i>Angewandte Chemie</i> , 2020, 132, 6322-6326.	2.0	10
97	Theoretical Exploration and Electronic Applications of Conductive Two-Dimensional Metal-Organic Frameworks. <i>Topics in Current Chemistry</i> , 2020, 378, 25.	5.8	10
98	Small molecular Nrf2 inhibitors as chemosensitizers for cancer therapy. <i>Future Medicinal Chemistry</i> , 2020, 12, 243-267.	2.3	21
99	Depsidones and diaryl ethers from potato endophytic fungus <i>Boeremia exigua</i> . <i>Fungal Diversity</i> , 2020, 141, 104483.	2.2	10
100	Covalent organic frameworks for separation applications. <i>Chemical Society Reviews</i> , 2020, 49, 708-735.	38.1	804
101	Protein-Structure-Directed Metal-Organic Zeolite-Like Networks as Biomacromolecule Carriers. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 6263-6267.	13.8	59
102	p62/SQSTM1, a Central but Unexploited Target: Advances in Its Physiological/Pathogenic Functions and Small Molecular Modulators. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 10135-10157.	6.4	26
103	Removal of Endocrine-Disrupting Chemicals from Environment Using A Robust Platform Based on Metal-Organic Framework Nanoparticles. <i>ACS Applied Nano Materials</i> , 2020, 3, 3646-3651.	5.0	14
104	Fabrication of Photoresponsive Crystalline Artificial Muscles Based on PEGylated Covalent Organic Framework Membranes. <i>ACS Central Science</i> , 2020, 6, 787-794.	11.3	57
105	Evidence on Primary Pore Size Dependence of C-C Bond Coupling Inside Zr-Based Metal-Organic Frameworks. <i>Journal of Physical Chemistry C</i> , 2020, 124, 24713-24722.	3.1	3
106	Small molecule modulators targeting protein kinase CK1 and CK2. <i>European Journal of Medicinal Chemistry</i> , 2019, 181, 111581.	5.5	38
107	A Zinc Coordination Complex Mimicking Carbonic Anhydrase for CO <sub>2</sub> Hydrolysis and Sequestration. <i>Inorganic Chemistry</i> , 2019, 58, 9916-9921.	4.0	21
108	Self-Healing Hyper-Cross-Linked Metal-Organic Polyhedra (HCMOPs) Membranes with Antimicrobial Activity and Highly Selective Separation Properties. <i>Journal of the American Chemical Society</i> , 2019, 141, 12064-12070.	13.7	124

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109	Template-Directed Synthesis of Photocatalyst-Encapsulating Metal-Organic Frameworks with Boosted Photocatalytic Activity. <i>ACS Catalysis</i> , 2019, 9, 7486-7493.	11.2	50
110	Fabrication of Large Single Crystals for Platinum-Based Linear Polymers with Controlled Release and Photoactuator Performance. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18634-18640.	13.8	39
111	Design, synthesis, biological evaluation, and molecular modeling studies of quinoline-ferulic acid hybrids as cholinesterase inhibitors. <i>Bioorganic Chemistry</i> , 2019, 93, 103310.	4.1	33
112	State-of-the-Art and Prospects of Biomolecules: Incorporation in Functional Metal-Organic Frameworks. <i>Topics in Current Chemistry</i> , 2019, 377, 34.	5.8	18
113	Fabrication of Large Single Crystals for Platinum-Based Linear Polymers with Controlled Release and Photoactuator Performance. <i>Angewandte Chemie</i> , 2019, 131, 18807-18813.	2.0	6
114	SAR Exploration of Tight-Binding Inhibitors of Influenza Virus PA Endonuclease. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 9438-9449.	6.4	31
115	Discovery, molecular dynamic simulation and biological evaluation of structurally diverse cholinesterase inhibitors with new scaffold through shape-based pharmacophore virtual screening. <i>Bioorganic Chemistry</i> , 2019, 92, 103294.	4.1	12
116	Incorporation of biomolecules in Metal-Organic Frameworks for advanced applications. <i>Coordination Chemistry Reviews</i> , 2019, 384, 90-106.	18.8	220
117	Co-Based Catalysts Supported on Silica and Carbon Materials: Effect of Support Property on Cobalt Species and Fischer-Tropsch Synthesis Performance. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 3459-3467.	3.7	32
118	UiO-66: An Advanced Platform for Investigating the Influence of Functionalization in the Adsorption Removal of Pharmaceutical Waste. <i>Inorganic Chemistry</i> , 2019, 58, 8787-8792.	4.0	61
119	PolyCOFs: A New Class of Freestanding Responsive Covalent Organic Framework Membranes with High Mechanical Performance. <i>ACS Central Science</i> , 2019, 5, 1352-1359.	11.3	126
120	Molecular Sieving and Direct Visualization of CO <sub>2</sub> in Binding Pockets of an Ultramicroporous Lanthanide Metal-Organic Framework Platform. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 23192-23197.	8.0	26
121	Soft Porous Crystal Based upon Organic Cages That Exhibit Guest-Induced Breathing and Selective Gas Separation. <i>Journal of the American Chemical Society</i> , 2019, 141, 9408-9414.	13.7	98
122	Frontispiece: Photomechanical Organic Crystals as Smart Materials for Advanced Applications. <i>Chemistry - A European Journal</i> , 2019, 25, .	3.3	0
123	Robust Microporous Metal-Organic Frameworks for Highly Efficient and Simultaneous Removal of Propyne and Propadiene from Propylene. <i>Angewandte Chemie</i> , 2019, 131, 10315-10320.	2.0	16
124	Robust Microporous Metal-Organic Frameworks for Highly Efficient and Simultaneous Removal of Propyne and Propadiene from Propylene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10209-10214.	13.8	69
125	The utility of the template effect in metal-organic frameworks. <i>Coordination Chemistry Reviews</i> , 2019, 391, 44-68.	18.8	74
126	Synthesis of g-C <sub>3</sub> N <sub>4</sub> Nanosheet/TiO <sub>2</sub> Heterojunctions Inspired by Bioadhesion and Biomineralization Mechanism. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 5516-5525.	3.7	35



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127	Research Progress of Catalysis for Low-Carbon Olefins Synthesis Through Hydrogenation of CO <sub>2</sub> . Journal of Nanoscience and Nanotechnology, 2019, 19, 3162-3172.	0.9	18
128	Squaramide-decorated covalent organic framework as a new platform for biomimetic hydrogen-bonding organocatalysis. Chemical Communications, 2019, 55, 5423-5426.	4.1	33
129	One-Pot Fabrication of g-C <sub>3</sub> N <sub>4</sub> /MWCNTs Nanocomposites with Superior Visible-Light Photocatalytic Performance. Industrial & Engineering Chemistry Research, 2019, 58, 3679-3687.	3.7	36
130	Acetic acid-assisted supramolecular assembly synthesis of porous g-C <sub>3</sub> N <sub>4</sub> hexagonal prism with excellent photocatalytic activity. Applied Surface Science, 2019, 479, 757-764.	6.1	53
131	Improving Eflornithine Oral Bioavailability and Brain Uptake by Modulating Intercellular Junctions With an E-cadherin Peptide. Journal of Pharmaceutical Sciences, 2019, 108, 3870-3878.	3.3	7
132	Discovery of Selective Butyrylcholinesterase (BChE) Inhibitors through a Combination of Computational Studies and Biological Evaluations. Molecules, 2019, 24, 4217.	3.8	18
133	Expansion of the scaffold diversity for the development of highly selective butyrylcholinesterase (BChE) inhibitors: Discovery of new hits through the pharmacophore model generation, virtual screening and molecular dynamics simulation. Bioorganic Chemistry, 2019, 85, 117-127.	4.1	24
134	Antibodies@MOFs: An In Vitro Protective Coating for Preparation and Storage of Biopharmaceuticals. Advanced Materials, 2019, 31, e1805148.	21.0	123
135	Metal-Organic Frameworks: Antibodies@MOFs: An In Vitro Protective Coating for Preparation and Storage of Biopharmaceuticals (Adv. Mater. 2/2019). Advanced Materials, 2019, 31, 1970012.	21.0	2
136	Photomechanical Organic Crystals as Smart Materials for Advanced Applications. Chemistry - A European Journal, 2019, 25, 5611-5622.	3.3	83
137	Peptide-based and small synthetic molecule inhibitors on PD-1/PD-L1 pathway: A new choice for immunotherapy?. European Journal of Medicinal Chemistry, 2019, 161, 378-398.	5.5	66
138	The recent developments and applications of chiral covalent organic frameworks. Scientia Sinica Chimica, 2019, 49, 662-671.	0.4	1
139	Small molecule KDM4s inhibitors as anti-cancer agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2018, 33, 777-793.	5.2	22
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