

# He Li

## List of Publications by Year in Descending Order

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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.

67  
papers

1,675  
citations

24  
h-index

39  
g-index

72  
ext. papers

2,357  
ext. citations

8.4  
avg, IF

5.13  
L-index

#	Paper	IF	Citations
67	The Fabrication of Pd Single Atoms/Clusters on COF Layers as Co-catalysts for Photocatalytic H Evolution.. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2022</b> ,	9.5	3
66	Review of advances in bifunctional solid acid/base catalysts for sustainable biodiesel production. <i>Applied Catalysis A: General</i> , <b>2022</b> , 633, 118525	5.1	8
65	The promotion effect of $\pi$ -interactions in Pd NPs catalysed selective hydrogenation.. <i>Nature Communications</i> , <b>2022</b> , 13, 1770	17.4	5
64	Assembly of COFs layer and electron mediator on silica for visible light driven photocatalytic NADH regeneration. <i>Applied Catalysis B: Environmental</i> , <b>2022</b> , 310, 121314	21.8	3
63	Covalent organic frameworks with high quantum efficiency in sacrificial photocatalytic hydrogen evolution.. <i>Nature Communications</i> , <b>2022</b> , 13, 2357	17.4	9
62	Activation of Carbonyl Groups via Weak Interactions in Pt/COF/SiO <sub>2</sub> Catalyzed Selective Hydrogenation. <i>ACS Catalysis</i> , <b>2022</b> , 12, 6618-6627	13.1	3
61	Chemoselective NADH Regeneration: the Synergy Effect of TiO <sub>x</sub> and Pt in NAD <sup>+</sup> Hydrogenation. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2021</b> , 9, 6499-6506	8.3	5
60	Synthesis of Bifunctional Porphyrin Polymers for Catalytic Conversion of Dilute CO to Cyclic Carbonates. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> ,	9.5	10
59	Synthesis of Sulfonated Porous Organic Polymers with a Hydrophobic Core for Efficient Acidic Catalysis in Organic Transformations. <i>Chemistry - an Asian Journal</i> , <b>2021</b> , 16, 2041-2047	4.5	2
58	Nitrogen-doped carbon supported ZnO as highly stable heterogeneous catalysts for transesterification synthesis of ethyl methyl carbonate. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 581, 126-134	9.3	5
57	Fabrication of NanoCOF/Polyoxometallate Composites for Photocatalytic NADH Regeneration via Cascade Electron Relay. <i>Solar Rrl</i> , <b>2021</b> , 5, 2000641	7.1	6
56	Intrinsic proton conduction in 2D sulfonated covalent organic frameworks through a post-synthetic strategy. <i>CrystEngComm</i> , <b>2021</b> , 23, 6234-6238	3.3	6
55	Highly active ultrafine Pd NPs confined in imine-linked COFs for nitrobenzene hydrogenation. <i>Catalysis Science and Technology</i> , <b>2021</b> , 11, 3873-3879	5.5	6
54	Development of efficient solid chiral catalysts with designable linkage for asymmetric transfer hydrogenation of quinoline derivatives. <i>Chinese Journal of Catalysis</i> , <b>2021</b> , 42, 1576-1585	11.3	2
53	One-pot synthesis of mesosilica/nano covalent organic polymer composites and their synergistic effect in photocatalysis. <i>Chinese Journal of Catalysis</i> , <b>2021</b> , 42, 1821-1830	11.3	2
52	Amide-linked covalent organic frameworks as efficient heterogeneous photocatalysts in water. <i>Chinese Journal of Catalysis</i> , <b>2021</b> , 42, 2010-2019	11.3	13
51	Simple and universal synthesis of sulfonated porous organic polymers with high proton conductivity. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 2339-2345	7.8	13

50	Asymmetric photocatalysis over robust covalent organic frameworks with tetrahydroquinoline linkage. <i>Chinese Journal of Catalysis</i> , <b>2020</b> , 41, 1288-1297	11.3	29
49	Achieving the Transformation of Captured CO <sub>2</sub> to Cyclic Carbonates Catalyzed by a Bipyridine Copper Complex-Intercalated Porous Organic Framework. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2020</b> , 59, 9423-9431	3.9	9
48	Structural Engineering of Two-Dimensional Covalent Organic Frameworks for Visible-Light-Driven Organic Transformations. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 20354-20365	9.5	35
47	Screening metal-free photocatalysts from isomorphous covalent organic frameworks for the C-3 functionalization of indoles. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 8706-8715	13	27
46	Efficient Asymmetric Hydrogenation of Quinolines over Chiral Porous Polymers Integrated with Substrate Activation Sites. <i>ACS Catalysis</i> , <b>2020</b> , 10, 1783-1791	13.1	9
45	Sulfonated Triazine-Based Porous Organic Polymers for Excellent Proton Conductivity. <i>ACS Applied Polymer Materials</i> , <b>2020</b> , 2, 3267-3273	4.3	6
44	A simple and cost-effective synthesis of ionic porous organic polymers with excellent porosity for high iodine capture. <i>Polymer</i> , <b>2020</b> , 204, 122796	3.9	14
43	Water-Promoted Heterogeneous Asymmetric Hydrogenation of Quinolines over Ordered Macroporous Poly(ionic liquid) Catalyst. <i>Asian Journal of Organic Chemistry</i> , <b>2020</b> , 9, 1623-1630	3	3
42	Light-emitting conjugated microporous polymers based on an excited-state intramolecular proton transfer strategy and selective switch-off sensing of anions. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 3040-3046	7.8	11
41	Micro-scale spatial location engineering of COF@iO <sub>2</sub> heterojunctions for visible light driven photocatalytic alcohol oxidation. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 18745-18754	13	21
40	Efficient Production of Nitrones via One-Pot Reductive Coupling Reactions Using Bimetallic RuPt NPs. <i>ACS Catalysis</i> , <b>2020</b> , 10, 13701-13709	13.1	6
39	Synthesis of bipyridine-based covalent organic frameworks for visible-light-driven photocatalytic water oxidation. <i>Applied Catalysis B: Environmental</i> , <b>2020</b> , 262, 118271	21.8	55
38	Aminopolymer Confined in Ethane-Silica Nanotubes for CO <sub>2</sub> Capture from Ambient Air. <i>ChemNanoMat</i> , <b>2020</b> , 6, 1096-1103	3.5	5
37	Synthesis of polymer/CNTs composites for the heterogeneous asymmetric hydrogenation of quinolines. <i>Chinese Journal of Catalysis</i> , <b>2019</b> , 40, 1548-1556	11.3	6
36	Hydrothermal Synthesized Co-Ni <sub>3</sub> S <sub>2</sub> Ultrathin Nanosheets for Efficient and Enhanced Overall Water Splitting. <i>Chemical Research in Chinese Universities</i> , <b>2019</b> , 35, 179-185	2.2	7
35	Synthesis of CNTs@POP-Salen Core-Shell Nanostructures for Catalytic Epoxides Hydration. <i>ChemCatChem</i> , <b>2019</b> , 11, 3952-3958	5.2	3
34	Synthesis of covalent organic frameworks via in situ salen skeleton formation for catalytic applications. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 5482-5492	13	38
33	Microenvironment Engineering of Ruthenium Nanoparticles Incorporated into Silica Nanoreactors for Enhanced Hydrogenations. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 14483-14488	16.4	39

32	Microenvironment Engineering of Ruthenium Nanoparticles Incorporated into Silica Nanoreactors for Enhanced Hydrogenations. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 14625-14630	3.6	7
31	Innentitelbild: Microenvironment Engineering of Ruthenium Nanoparticles Incorporated into Silica Nanoreactors for Enhanced Hydrogenations (Angew. Chem. 41/2019). <i>Angewandte Chemie</i> , <b>2019</b> , 131, 14530-14530	3.6	1
30	1T-2H Crx-MoS2 Ultrathin Nanosheets for Durable and Enhanced Hydrogen Evolution Reaction. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 7227-7232	8.3	14
29	Novel conjugated organic polymers as candidates for visible-light-driven photocatalytic hydrogen production. <i>Applied Catalysis B: Environmental</i> , <b>2019</b> , 241, 461-470	21.8	43
28	A K2Fe4O7 superionic conductor for all-solid-state potassium metal batteries. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 8413-8418	13	50
27	The cooperation of porphyrin-based porous polymer and thermal-responsive ionic liquid for efficient CO2 cycloaddition reaction. <i>Green Chemistry</i> , <b>2018</b> , 20, 903-911	10	59
26	Cationic Zn-Porphyrin Polymer Coated onto CNTs as a Cooperative Catalyst for the Synthesis of Cyclic Carbonates. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 2546-2555	9.5	61
25	Improving Catalytic Hydrogenation Performance of Pd Nanoparticles by Electronic Modulation Using Phosphine Ligands. <i>ACS Catalysis</i> , <b>2018</b> , 8, 6476-6485	13.1	98
24	Heterogeneous hydroformylation of long-chain alkenes in IL-in-oil Pickering emulsion. <i>Green Chemistry</i> , <b>2018</b> , 20, 188-196	10	38
23	Sn-NiS Ultrathin Nanosheets as Efficient Bifunctional Water-Splitting Catalysts with a Large Current Density and Low Overpotential. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 40568-40576	9.5	63
22	Cationic Zn-Porphyrin Immobilized in Mesoporous Silicas as Bifunctional Catalyst for CO2 Cycloaddition Reaction under Cocatalyst Free Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 9237-9245	8.3	43
21	A new 3-D open-framework Li-rich vanadoborate and its high ionic conductivity after transforming into glasses. <i>Dalton Transactions</i> , <b>2017</b> , 46, 2479-2484	4.3	9
20	Cocatalyst-Free Hybrid Ionic Liquid (IL)-Based Porous Materials for Efficient Synthesis of Cyclic Carbonates through a Cooperative Activation Pathway. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 577-585	4.5	21
19	Ultrasmall Platinum Stabilized on Triphenylphosphine-Modified Silica for Chemoselective Hydrogenation. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 7791-7797	4.8	29
18	Tuning the Surface Polarity of Microporous Organic Polymers for CO Capture. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 2291-2298	4.5	10
17	Synthesis of a Pyridine-Zinc-Based Porous Organic Polymer for the Co-catalyst-Free Cycloaddition of Epoxides. <i>Chemistry - an Asian Journal</i> , <b>2017</b> , 12, 1095-1103	4.5	23
16	N-doped porous carbons with exceptionally high CO2 selectivity for CO2 capture. <i>Carbon</i> , <b>2017</b> , 114, 473-481	10.4	110
15	Cooperative Activation of Cobalt-Salen Complexes for Epoxide Hydration Promoted on Flexible Porous Organic Frameworks. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11504-11508	4.8	18

14	Adsorption behaviors of methyl orange dye on nitrogen-doped mesoporous carbon materials. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 466, 343-51	9.3	73
13	Hierarchical mesoporous organic polymer with an intercalated metal complex for the efficient synthesis of cyclic carbonates from flue gas. <i>Green Chemistry</i> , <b>2016</b> , 18, 6493-6500	10	52
12	Highly active self-immobilized FI-Zr catalysts in a PCP framework for ethylene polymerization. <i>Chemical Communications</i> , <b>2015</b> , 51, 16703-6	5.8	18
11	Triarylboron-Linked Conjugated Microporous Polymers: Sensing and Removal of Fluoride Ions. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17355-62	4.8	82
10	A porphyrin-linked conjugated microporous polymer with selective carbon dioxide adsorption and heterogeneous organocatalytic performances. <i>RSC Advances</i> , <b>2014</b> , 4, 6447	3.7	57
9	Blue-light-emitting and hole-transporting molecular materials based on amorphous triphenylamine-functionalized twisted binaphthyl. <i>Comptes Rendus Chimie</i> , <b>2014</b> , 17, 1102-1108	2.7	1
8	Metallosalen-based microporous organic polymers: synthesis and carbon dioxide uptake. <i>RSC Advances</i> , <b>2014</b> , 4, 37767-37772	3.7	13
7	Triarylboron-based fluorescent conjugated microporous polymers. <i>RSC Advances</i> , <b>2013</b> , 3, 21267	3.7	27
6	A metallosalen-based microporous organic polymer as a heterogeneous carbon-carbon coupling catalyst. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 14108	13	47
5	Direct C-H Arylation of Unactivated Arenes with Aryl Halides Promoted by Bis(imino)pyridine Derivatives. <i>Asian Journal of Organic Chemistry</i> , <b>2013</b> , 2, 857-861	3	18
4	Enhanced carbon dioxide uptake by metalloporphyrin-based microporous covalent triazine framework. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 2445	4.9	99
3	Rare-Earth-Metal Complexes Supported by New Chiral Tetra-Azane Chelating Ligands: Synthesis, Characterization, and Catalytic Properties for Intramolecular Asymmetric Hydroamination. <i>Organometallics</i> , <b>2012</b> , 31, 4670-4679	3.8	39
2	Enormous Promotion of Photocatalytic Activity through the Use of Near-Single Layer Covalent Organic Frameworks. <i>CCS Chemistry</i> , 2453-2463	7.2	12
1	Construction of Stable Donor-Acceptor Type Covalent Organic Frameworks as Functional Platform for Effective Perovskite Solar Cell Enhancement. <i>Advanced Functional Materials</i> , 2112553	15.6	13