

Xinle Li

List of Publications by Year in descending order

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42
papers

3,240
citations

201575

27
h-index

265120

42
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all docs

43
docs citations

43
times ranked

4410
citing authors

#	ARTICLE	IF	CITATIONS
1	Pt Nanoclusters Confined within Metal-Organic Framework Cavities for Chemoselective Cinnamaldehyde Hydrogenation. <i>ACS Catalysis</i> , 2014, 4, 1340-1348.	5.5	367
2	Water-dispersible PEG-curcumin/amine-functionalized covalent organic framework nanocomposites as smart carriers for in vivo drug delivery. <i>Nature Communications</i> , 2018, 9, 2785.	5.8	353
3	Facile transformation of imine covalent organic frameworks into ultrastable crystalline porous aromatic frameworks. <i>Nature Communications</i> , 2018, 9, 2998.	5.8	334
4	Sub-4 nm PtZn Intermetallic Nanoparticles for Enhanced Mass and Specific Activities in Catalytic Electrooxidation Reaction. <i>Journal of the American Chemical Society</i> , 2017, 139, 4762-4768.	6.6	265
5	Tandem Catalysis by Palladium Nanoclusters Encapsulated in Metal-Organic Frameworks. <i>ACS Catalysis</i> , 2014, 4, 3490-3497.	5.5	187
6	Controlling Catalytic Properties of Pd Nanoclusters through Their Chemical Environment at the Atomic Level Using Isorecticular Metal-Organic Frameworks. <i>ACS Catalysis</i> , 2016, 6, 3461-3468.	5.5	152
7	Dynamic Covalent Synthesis of Crystalline Porous Graphitic Frameworks. <i>CheM</i> , 2020, 6, 933-944.	5.8	123
8	Utilizing mixed-linker zirconium based metal-organic frameworks to enhance the visible light photocatalytic oxidation of alcohol. <i>Chemical Engineering Science</i> , 2015, 124, 45-51.	1.9	112
9	Expeditious synthesis of covalent organic frameworks: a review. <i>Journal of Materials Chemistry A</i> , 2020, 8, 16045-16060.	5.2	97
10	Chemically Robust Covalent Organic Frameworks: Progress and Perspective. <i>Matter</i> , 2020, 3, 1507-1540.	5.0	94
11	Impact of Linker Engineering on the Catalytic Activity of Metal-Organic Frameworks Containing Pd(II)-Bipyridine Complexes. <i>ACS Catalysis</i> , 2016, 6, 6324-6328.	5.5	89
12	Cooperative Multifunctional Catalysts for Nitrene Synthesis: Platinum Nanoclusters in Amine-Functionalized Metal-Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16371-16375.	7.2	87
13	Hybrid Porous Crystalline Materials from Metal Organic Frameworks and Covalent Organic Frameworks. <i>Advanced Science</i> , 2021, 8, e2101883.	5.6	83
14	Metal-Organic Framework-Derived Carbons: Applications as Solid-Base Catalyst and Support for Pd Nanoparticles in Tandem Catalysis. <i>Chemistry - A European Journal</i> , 2017, 23, 4266-4270.	1.7	66
15	sp ² carbon-conjugated covalent organic frameworks: synthesis, properties, and applications. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2931-2949.	3.2	58
16	Resistive Switching Memory Performance of Two-Dimensional Polyimide Covalent Organic Framework Films. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 51837-51845.	4.0	57
17	Intermetallic structures with atomic precision for selective hydrogenation of nitroarenes. <i>Journal of Catalysis</i> , 2017, 356, 307-314.	3.1	53
18	Morphology inheritance from hollow MOFs to hollow carbon polyhedrons in preparing carbon-based electrocatalysts. <i>Journal of Materials Chemistry A</i> , 2017, 5, 6186-6192.	5.2	50

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19	Conversion of confined metal@ZIF-8 structures to intermetallic nanoparticles supported on nitrogen-doped carbon for electrocatalysis. <i>Nano Research</i> , 2018, 11, 3469-3479.	5.8	46
20	A Three-Dimensional Microporous Metal-Organic Framework. <i>Inorganic Chemistry</i> , 2015, 54, 200-204.	1.9	42
21	Chemically Stable Polyarylether-Based Metallophthalocyanine Frameworks with High Carrier Mobilities for Capacitive Energy Storage. <i>Journal of the American Chemical Society</i> , 2021, 143, 17701-17707.	6.6	42
22	Reversible Interlayer Sliding and Conductivity Changes in Adaptive Tetrathiafulvalene-Based Covalent Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19054-19061.	4.0	40
23	Use of alcohols as reducing agents for synthesis of well-defined polymers by AGET-ATRP. <i>Chemical Communications</i> , 2012, 48, 2800.	2.2	38
24	High-Temperature-Stable and Regenerable Catalysts: Platinum Nanoparticles in Aligned Mesoporous Silica Wells. <i>ChemSusChem</i> , 2013, 6, 1915-1922.	3.6	34
25	Polymer-Covalent Organic Frameworks Composites for Glucose and pH Dual-Responsive Insulin Delivery in Mice. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000221.	3.9	34
26	Facile and Site-Selective Synthesis of an Amine-Functionalized Covalent Organic Framework. <i>ACS Macro Letters</i> , 2021, 10, 1590-1596.	2.3	32
27	Cooperative Multifunctional Catalysts for Nitrene Synthesis: Platinum Nanoclusters in Amine-Functionalized Metal-Organic Frameworks. <i>Angewandte Chemie</i> , 2017, 129, 16589-16593.	1.6	30
28	Aluminum-Induced Interfacial Strengthening in Calcium Silicate Hydrates: Structure, Bonding, and Mechanical Properties. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 2622-2631.	3.2	28
29	In situ TEM observation of calcium silicate hydrate nanostructure at high temperatures. <i>Cement and Concrete Research</i> , 2021, 149, 106579.	4.6	28
30	Green synthesis of amphiphilic carbon dots from organic solvents: application in fluorescent polymer composites and bio-imaging. <i>RSC Advances</i> , 2018, 8, 12556-12561.	1.7	26
31	MOF-253-Pd(OAc) ₂ : a recyclable MOF for transition-metal catalysis in water. <i>RSC Advances</i> , 2016, 6, 56330-56334.	1.7	22
32	Design and fabrication of polyaniline/Bi ₂ MoO ₆ nanocomposites for enhanced visible-light-driven photocatalysis. <i>New Journal of Chemistry</i> , 2019, 43, 9606-9613.	1.4	22
33	Facile fabrication of POSS-Modified MoS ₂ /PMMA nanocomposites with enhanced thermal, mechanical and optical limiting properties. <i>Composites Science and Technology</i> , 2018, 165, 388-396.	3.8	21
34	Unveiling the Effects of Linker Substitution in Suzuki Coupling with Palladium Nanoparticles in Metal-Organic Frameworks. <i>Catalysis Letters</i> , 2018, 148, 940-945.	1.4	19
35	Pyrazine-Fused Porous Graphitic Framework-Based Mixed Matrix Membranes for Enhanced Gas Separations. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16922-16929.	4.0	19
36	Synthesis of Monodisperse Palladium Nanoclusters Using Metal-Organic Frameworks as Sacrificial Templates. <i>ChemNanoMat</i> , 2016, 2, 810-815.	1.5	18

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37	Influence of Sn on Stability and Selectivity of Pt@Sn@UiO-66-NH ₂ in Furfural Hydrogenation. Industrial & Engineering Chemistry Research, 2020, 59, 17495-17501.	1.8	16
38	Stable hydrazone-linked chiral covalent organic frameworks: Synthesis, modification, and chiral signal inversion from monomers. Chinese Chemical Letters, 2021, 32, 107-112.	4.8	15
39	Green synthesis of bismuth sulfide nanostructures with tunable morphologies and robust photoelectrochemical performance. CrystEngComm, 2019, 21, 1474-1481.	1.3	14
40	Transformation of a Hydrazone-Linked Covalent Organic Framework into a Highly Stable Hydrazide-Linked One. ACS Applied Polymer Materials, 2022, 4, 4624-4631.	2.0	13
41	Nanoengineering Microstructure of Hybrid Si/H/Silicene Gel. ACS Applied Materials & Interfaces, 2020, 12, 17806-17814.	4.0	11
42	Tandem Synthesis of ϵ -Caprolactam from Cyclohexanone by an Acidified Metal-Organic Framework. ChemCatChem, 2021, 13, 3084-3089.	1.8	3