

# Cheng Li

## List of Publications by Year in descending order

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25  
papers

983  
citations

430874

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552781

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docs citations

27  
times ranked

1538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wet Chemical Approaches to Patterned Arrays of Well-Aligned ZnO Nanopillars Assisted by Monolayer Colloidal Crystals. <i>Chemistry of Materials</i> , 2009, 21, 891-897.	6.7	164
2	Flexible self-supported metal-organic framework mats with exceptionally high porosity for enhanced separation and catalysis. <i>Journal of Materials Chemistry A</i> , 2018, 6, 334-341.	10.3	114
3	Bio-Inspired Polydopamine-Mediated Zr-MOF Fabrics for Solar Photothermal-Driven Instantaneous Detoxification of Chemical Warfare Agent Simulants. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 18437-18445.	8.0	77
4	Facile Fabrication of Ultrathin Metal-Organic Framework-Coated Monolayer Colloidal Crystals for Highly Efficient Vapor Sensing. <i>Chemistry of Materials</i> , 2015, 27, 7601-7609.	6.7	67
5	Fast and Sustained Degradation of Chemical Warfare Agent Simulants Using Flexible Self-Supported Metal-Organic Framework Filters. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 20396-20403.	8.0	65
6	Stimuli-responsive 2D polyelectrolyte photonic crystals for optically encoded pH sensing. <i>Chemical Communications</i> , 2012, 48, 6169.	4.1	62
7	Photothermally Enhanced Detoxification of Chemical Warfare Agent Simulants Using Bioinspired Core-Shell Dopamine-Melanin@Metal-Organic Frameworks and Their Fabrics. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 7927-7935.	8.0	60
8	Synthesis and application of nanocages in supercapacitors. <i>Chemical Engineering Journal</i> , 2018, 351, 135-156.	12.7	52
9	Self-supported three-dimensional macroporous amorphous NiFe bimetallic-organic frameworks for enhanced water oxidation. <i>Applied Surface Science</i> , 2021, 550, 149323.	6.1	34
10	Facile preparation of Prussian blue analogue $\text{Co}_3[\text{Co}(\text{CN})_6]_2$ with fine-tuning color transition temperature as thermochromic material. <i>CrystEngComm</i> , 2017, 19, 2057-2064.	2.6	32
11	High Performance Hollow Metal-Organic Framework Nanoshell-Based Etalons for Volatile Organic Compounds Detection. <i>Advanced Materials Technologies</i> , 2016, 1, 1600127.	5.8	30
12	Facile synthesis of sheet-like $\text{TiO}_2/\text{g-C}_3\text{N}_4$ heterojunctions with highly enhanced and stable visible-light photocatalytic activities. <i>RSC Advances</i> , 2015, 5, 34281-34291.	3.6	29
13	Lead-Free All-Inorganic Indium Chloride Perovskite Variant Nanocrystals for Efficient Luminescence. <i>Advanced Optical Materials</i> , 2022, 10, 2101344.	7.3	26
14	Multi-Anion Intercalated Layered Double Hydroxide Nanosheet-Assembled Hollow Nanoprisms with Improved Pseudocapacitive and Electrocatalytic Properties. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1129-1137.	3.3	24
15	Hollow $\text{CeO}_2$ dodecahedrons: one-step template synthesis and enhanced catalytic performance. <i>RSC Advances</i> , 2016, 6, 60975-60982.	3.6	23
16	Polyhedral metal-organic framework monolayer colloidal crystals with sharpened and crystal facet-dependent selectivity for organic vapor sensing. <i>Journal of Materials Chemistry C</i> , 2021, 9, 5379-5386.	5.5	21
17	Porous Copper/Zinc Bimetallic Oxides Derived from MOFs for Efficient Photocatalytic Reduction of $\text{CO}_2$ to Methanol. <i>Catalysts</i> , 2020, 10, 1127.	3.5	20
18	Metal-Organic Framework Derived Porous $\text{Fe}_2\text{O}_3/\text{C}$ Nano-Shuttles for Enhanced Visible-Light Photocatalysis. <i>ChemistrySelect</i> , 2020, 5, 1047-1053.	1.5	20

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19	Self-supported 2D Fe-doped Ni-MOF nanosheets as highly efficient and stable electrocatalysts for benzylamine oxidation. <i>Applied Surface Science</i> , 2022, 578, 152065.	6.1	15
20	One-Step Asymmetric Growth of Continuous Metal-Organic Framework Thin Films on Two-Dimensional Colloidal Crystal Arrays: A Facile Approach toward Multifunctional Superstructures. <i>Crystal Growth and Design</i> , 2016, 16, 2700-2707.	3.0	14
21	Ultrathin polymer gel-infiltrated monolayer colloidal crystal films for rapid colorimetric chemical sensing. <i>RSC Advances</i> , 2016, 6, 66191-66196.	3.6	9
22	Cobalt-Manganese Mixed Sulfide Nanocages Encapsulated by Reduced Graphene Oxide: In Situ Sacrificial Template Synthesis and Superior Lithium Storage Properties. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2284-2290.	3.3	7
23	Dual-stimuli responsive color-changing nanofibrous membranes as effective media for anti-counterfeiting and erasable writing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 621, 126626.	4.7	7
24	Ultrathin Photonic Polymer Gel Films Templated by Non-Close-Packed Monolayer Colloidal Crystals to Enhance Colorimetric Sensing. <i>Polymers</i> , 2019, 11, 534.	4.5	4
25	Optimization of process parameters for preparation of powdered activated coke to achieve maximum SO <sub>2</sub> adsorption using response surface methodology. <i>Frontiers in Energy</i> , 2021, 15, 159-169.	2.3	4