

# Lianshun Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

832  
citations

687363

13  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1174  
citing authors

#	ARTICLE	IF	CITATIONS
1	Aperture-Opening Encapsulation of a Transition Metal Catalyst in a Metal-Organic Framework for CO <sub>2</sub> Hydrogenation. <i>Journal of the American Chemical Society</i> , 2018, 140, 8082-8085.	13.7	166
2	Highly efficient removal of organic contaminants based on peroxymonosulfate activation by iron phthalocyanine: mechanism and the bicarbonate ion enhancement effect. <i>Catalysis Science and Technology</i> , 2017, 7, 934-942.	4.1	110
3	Extremely enhanced generation of reactive oxygen species for oxidation of pollutants from peroxymonosulfate induced by a supported copper oxide catalyst. <i>Chemical Engineering Journal</i> , 2017, 322, 546-555.	12.7	105
4	Using a Multi-Shelled Hollow Metal-Organic Framework as a Host to Switch the Guest-Host and Guest-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2110-2114.	13.8	91
5	Directional Engraving within Single Crystalline Metal-Organic Framework Particles via Oxidative Linker Cleaving. <i>Journal of the American Chemical Society</i> , 2019, 141, 20365-20370.	13.7	72
6	Drastic enhancement on Fenton oxidation of organic contaminants by accelerating Fe(III)/Fe(II) cycle with L-cysteine. <i>RSC Advances</i> , 2016, 6, 47661-47668.	3.6	55
7	Tuning Metal-Organic Framework Nanocrystal Shape through Facet-Dependent Coordination. <i>Nano Letters</i> , 2020, 20, 1774-1780.	9.1	52
8	Synergistic effects of persistent free radicals and visible radiation on peroxymonosulfate activation by ferric citrate for the decomposition of organic contaminants. <i>Applied Catalysis B: Environmental</i> , 2017, 205, 404-411.	20.2	46
9	Strong enhancement of dye removal through addition of sulfite to persulfate activated by a supported ferric citrate catalyst. <i>Chemical Engineering Journal</i> , 2016, 288, 806-812.	12.7	37
10	Atomically precise metal nanoclusters meet metal-organic frameworks. <i>IScience</i> , 2021, 24, 103206.	4.1	21
11	Exploration of Hierarchical Metal-Organic Framework as Ultralight, High-Strength Mechanical Metamaterials. <i>Journal of the American Chemical Society</i> , 2022, 144, 4393-4402.	13.7	21
12	Drastic rate acceleration driven by synergistic effects: Key role of persistent free radicals coupled with ascorbic acid in decomposition of organic contaminants by ferric citrate. <i>Chemical Engineering Journal</i> , 2016, 304, 440-447.	12.7	17
13	Mesoporous carbon-supported cobalt catalyst for selective oxidation of toluene and degradation of water contaminants. <i>Particuology</i> , 2016, 24, 216-222.	3.6	17
14	Tracking and Visualization of Functional Domains in Stratified Metal-Organic Frameworks Using Gold Nanoparticles. <i>ACS Central Science</i> , 2020, 6, 247-253.	11.3	13
15	Reverse synthesis of yolk-shell metal-organic frameworks. <i>Chemical Communications</i> , 2021, 57, 3415-3418.	4.1	7
16	Activation of peroxymonosulfate by surfactants as the metal-free catalysts for organic contaminant removal. <i>Environmental Science and Pollution Research</i> , 2017, 24, 26069-26078.	5.3	2