

# Ping-Luen Ho

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

365  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural insight into [Fe <sup>2+</sup> S <sub>2</sub> ] <sup>2-</sup> Mo motif in electrochemical reduction of N <sub>2</sub> over Fe <sup>1+</sup> -supported molecular MoS <sub>2</sub> . Chemical Science, 2021, 12, 688-695.	7.4	20
2	Cooperative catalytically active sites for methanol activation by single metal ion-doped H-ZSM-5. Chemical Science, 2021, 12, 210-219.	7.4	15
3	Rational Design of Synergistic Active Sites for Catalytic Ethene/2-Butene Cross-Metathesis in a Rhenium-Doped Y Zeolite Catalyst. ACS Catalysis, 2021, 11, 3530-3540.	11.2	9
4	High Loading of Transition Metal Single Atoms on Chalcogenide Catalysts. Journal of the American Chemical Society, 2021, 143, 7979-7990.	13.7	93
5	Fe on molecular-layer MoS <sub>2</sub> as inorganic Fe-S <sub>2</sub> -Mo motifs for light-driven nitrogen fixation to ammonia at elevated temperatures. Chem Catalysis, 2021, 1, 162-182.	6.1	32
6	Importance of Hydrogen Migration in Catalytic Ammonia Synthesis over Yttrium-Doped Barium Zirconate-Supported Ruthenium Nanoparticles: Visualization of Proton Trap Sites. Journal of Physical Chemistry C, 2021, 125, 23058-23070.	3.1	4
7	Ceria Nanocrystals Supporting Pd for Formic Acid Electrocatalytic Oxidation: Prominent Polar Surface Metal Support Interactions. ACS Catalysis, 2019, 9, 5171-5177.	11.2	38
8	Nanoscale measurement of giant saturation magnetization in $\hat{\Gamma}_2^{\pm}\text{Fe16N2}$ by electron energy-loss magnetic chiral dichroism. Ultramicroscopy, 2019, 203, 37-43.	1.9	9
9	Interstitial Boron Atoms in the Palladium Lattice of an Industrial Type of Nanocatalyst: Properties and Structural Modifications. Journal of the American Chemical Society, 2019, 141, 19616-19624.	13.7	43
10	Understanding electron magnetic circular dichroism in a transition potential approach. Physical Review B, 2018, 97, .	3.2	3
11	Effect of cation ratio and order on magnetic circular dichroism in the double perovskite Sr <sub>2</sub> Fe <sub>1</sub> +Re <sub>1</sub> -O <sub>6</sub> . Ultramicroscopy, 2018, 193, 137-142.	1.9	11
12	Synergistic effect of CeO <sub>2</sub> modified TiO <sub>2</sub> photocatalyst on the enhancement of visible light photocatalytic performance. Journal of Alloys and Compounds, 2017, 714, 560-566.	5.5	88