

# Ming-Xi Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9047392/publications.pdf>

Version: 2024-02-01

16  
papers

1,760  
citations

758635

12  
h-index

996533

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

2115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfur-anchoring synthesis of platinum intermetallic nanoparticle catalysts for fuel cells. <i>Science</i> , 2021, 374, 459-464.	6.0	343
2	Reversing the charge transfer between platinum and sulfur-doped carbon support for electrocatalytic hydrogen evolution. <i>Nature Communications</i> , 2019, 10, 4977.	5.8	243
3	Atomic Ni Anchored Covalent Triazine Framework as High Efficient Electrocatalyst for Carbon Dioxide Conversion. <i>Advanced Functional Materials</i> , 2019, 29, 1806884.	7.8	210
4	Multilayer stabilization for fabricating high-loading single-atom catalysts. <i>Nature Communications</i> , 2020, 11, 5892.	5.8	195
5	A sulfur-tethering synthesis strategy toward high-loading atomically dispersed noble metal catalysts. <i>Science Advances</i> , 2019, 5, eaax6322.	4.7	177
6	Identification of Catalytic Sites for Oxygen Reduction in Metal/Nitrogen-Doped Carbons with Encapsulated Metal Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1627-1633.	7.2	176
7	A Novel Heterostructure Based on RuMo Nanoalloys and N-Doped Carbon as an Efficient Electrocatalyst for the Hydrogen Evolution Reaction. <i>Advanced Materials</i> , 2020, 32, e2005433.	11.1	151
8	Identification of Catalytic Sites for Oxygen Reduction in Metal/Nitrogen-Doped Carbons with Encapsulated Metal Nanoparticles. <i>Angewandte Chemie</i> , 2020, 132, 1644-1650.	1.6	138
9	Hierarchically porous carbons as supports for fuel cell electrocatalysts with atomically dispersed Fe-N <sub>x</sub> moieties. <i>Chemical Science</i> , 2019, 10, 8236-8240.	3.7	34
10	Understanding the Catalytic Sites of Metal-Nitrogen-Carbon Oxygen Reduction Electrocatalysts. <i>Chemistry - A European Journal</i> , 2021, 27, 145-157.	1.7	27
11	Switching Co/N/C Catalysts for Heterogeneous Catalysis and Electrocatalysis by Controllable Pyrolysis of Cobalt Porphyrin. <i>IScience</i> , 2019, 15, 282-290.	1.9	20
12	A library of carbon-supported ultrasmall bimetallic nanoparticles. <i>Nano Research</i> , 2020, 13, 2735-2740.	5.8	18
13	Synthesis of Sub-4 nm Rh-Based Intermetallic Catalyst Libraries by Sulfur-Anchoring Strategy. , 2022, 4, 1350-1357.		13
14	Ordering Degree-Dependent Activity of Pt <sub>3</sub> M (M = Fe, Mn) Intermetallic Nanoparticles for Electrocatalytic Methanol Oxidation. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 3549-3555.	2.1	7
15	Intermetallic PdCd Core Promoting CO Tolerance of Pd Shell for Electrocatalytic Formic Acid Oxidation. <i>Chinese Journal of Chemistry</i> , 2022, 40, 2161-2168.	2.6	5
16	Innenr&#246;cktitelbild: Identification of Catalytic Sites for Oxygen Reduction in Metal/Nitrogen-Doped Carbons with Encapsulated Metal Nanoparticles ( <i>Angew. Chem.</i> 4/2020). <i>Angewandte Chemie</i> , 2020, 132, 1759-1759.	1.6	0