

# Yuanjun Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3142536/publications.pdf>

Version: 2024-02-01

25  
papers

9,202  
citations

279798

23  
h-index

526287

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

8190  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Atom Catalysts: Synthetic Strategies and Electrochemical Applications. <i>Joule</i> , 2018, 2, 1242-1264.	24.0	1,618
2	Isolated Single Iron Atoms Anchored on N-Doped Porous Carbon as an Efficient Electrocatalyst for the Oxygen Reduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6937-6941.	13.8	1,542
3	Chemical Synthesis of Single Atomic Site Catalysts. <i>Chemical Reviews</i> , 2020, 120, 11900-11955.	47.7	806
4	Well-Defined Materials for Heterogeneous Catalysis: From Nanoparticles to Isolated Single-Atom Sites. <i>Chemical Reviews</i> , 2020, 120, 623-682.	47.7	794
5	Enhanced oxygen reduction with single-atomic-site iron catalysts for a zinc-air battery and hydrogen-air fuel cell. <i>Nature Communications</i> , 2018, 9, 5422.	12.8	696
6	Matching the kinetics of natural enzymes with a single-atom iron nanozyme. <i>Nature Catalysis</i> , 2021, 4, 407-417.	34.4	517
7	Iridium single-atom catalyst on nitrogen-doped carbon for formic acid oxidation synthesized using a general host-guest strategy. <i>Nature Chemistry</i> , 2020, 12, 764-772.	13.6	452
8	Atomic-Level Modulation of Electronic Density at Cobalt Single-Atom Sites Derived from Metal-Organic Frameworks: Enhanced Oxygen Reduction Performance. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3212-3221.	13.8	445
9	Engineering the Atomic Interface with Single Platinum Atoms for Enhanced Photocatalytic Hydrogen Production. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1295-1301.	13.8	344
10	Rare-Earth Single Erbium Atoms for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10651-10657.	13.8	314
11	Isolated Single Iron Atoms Anchored on N-Doped Porous Carbon as an Efficient Electrocatalyst for the Oxygen Reduction Reaction. <i>Angewandte Chemie</i> , 2017, 129, 7041-7045.	2.0	306
12	Confined Pyrolysis within Metal-Organic Frameworks To Form Uniform Ru <sub>3</sub> Clusters for Efficient Oxidation of Alcohols. <i>Journal of the American Chemical Society</i> , 2017, 139, 9795-9798.	13.7	258
13	Discovering Partially Charged Single-Atom Pt for Enhanced Anti-Markovnikov Alkene Hydrosilylation. <i>Journal of the American Chemical Society</i> , 2018, 140, 7407-7410.	13.7	218
14	Thermal Atomization of Platinum Nanoparticles into Single Atoms: An Effective Strategy for Engineering High-Performance Nanozymes. <i>Journal of the American Chemical Society</i> , 2021, 143, 18643-18651.	13.7	174
15	Isolated Fe and Co dual active sites on nitrogen-doped carbon for a highly efficient oxygen reduction reaction. <i>Chemical Communications</i> , 2018, 54, 4274-4277.	4.1	166
16	Atomically Dispersed Ruthenium Species Inside Metal-Organic Frameworks: Combining the High Activity of Atomic Sites and the Molecular Sieving Effect of MOFs. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4271-4275.	13.8	162
17	Pd single-atom monolithic catalyst: Functional 3D structure and unique chemical selectivity in hydrogenation reaction. <i>Science China Materials</i> , 2021, 64, 1919-1929.	6.3	75
18	The atomic-level regulation of single-atom site catalysts for the electrochemical CO <sub>2</sub> reduction reaction. <i>Chemical Science</i> , 2021, 12, 4201-4215.	7.4	61

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19	Engineering the Atomic Interface with Single Platinum Atoms for Enhanced Photocatalytic Hydrogen Production. <i>Angewandte Chemie</i> , 2020, 132, 1311-1317.	2.0	59
20	Rare-Earth Single Erbium Atoms for Enhanced Photocatalytic CO <sub>2</sub> Reduction. <i>Angewandte Chemie</i> , 2020, 132, 10738-10744.	2.0	49
21	Atomic-Level Modulation of Electronic Density at Cobalt Single-Atom Sites Derived from Metal-Organic Frameworks: Enhanced Oxygen Reduction Performance. <i>Angewandte Chemie</i> , 2021, 133, 3249-3258.	2.0	44
22	Metal-organic frameworks-derived nitrogen-doped carbon supported nanostructured PtNi catalyst for enhanced hydrosilylation of 1-octene. <i>Nano Research</i> , 2019, 12, 2584-2588.	10.4	33
23	Single-atomic-site cobalt stabilized on nitrogen and phosphorus co-doped carbon for selective oxidation of primary alcohols. <i>Nanoscale Horizons</i> , 2019, 4, 902-906.	8.0	29
24	Atomically Dispersed Ruthenium Species Inside Metal-Organic Frameworks: Combining the High Activity of Atomic Sites and the Molecular Sieving Effect of MOFs. <i>Angewandte Chemie</i> , 2019, 131, 4315-4319.	2.0	25
25	Innenr&#246;cktitelbild: Isolated Single Iron Atoms Anchored on N-Doped Porous Carbon as an Efficient Electrocatalyst for the Oxygen Reduction Reaction ( <i>Angew. Chem.</i> 24/2017). <i>Angewandte Chemie</i> , 2017, 129, 7107-7107.	2.0	6