

# Wenjuan Yuan

## List of Publications by Year in descending order

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17  
papers

945  
citations

1307594

7  
h-index

940533

16  
g-index

17  
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17  
docs citations

17  
times ranked

1624  
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering the electronic structure of single atom Ru sites via compressive strain boosts acidic water oxidation electrocatalysis. <i>Nature Catalysis</i> , 2019, 2, 304-313.	34.4	757
2	Feeding Carbonylation with CO <sub>2</sub> via the Synergy of Single-Site/Nanocluster Catalysts in a Photosensitizing MOF. <i>Journal of the American Chemical Society</i> , 2021, 143, 20792-20801.	13.7	91
3	Competitive Coordination Strategy to Finely Tune Pore Environment of Zirconium-Based Metal-Organic Frameworks. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 22732-22738.	8.0	36
4	Formation and disintegration investigation of fivefold annealing twins in copper nanoparticles. <i>Scripta Materialia</i> , 2019, 169, 42-45.	5.2	10
5	Simple physical preparation of single copper atoms on amorphous carbon via Coulomb explosion. <i>Nanoscale</i> , 2019, 11, 7595-7599.	5.6	9
6	Visualization of crystal plane selectivity for irreversible phase transition in MnO@C anode. <i>Chemical Communications</i> , 2020, 56, 3753-3756.	4.1	8
7	Atomic-scale selectivity of hydrogen for storage sites in Pd nanoparticles at atmospheric pressure. <i>Nanoscale</i> , 2019, 11, 10198-10202.	5.6	7
8	Single Cu Atoms as Catalysts for Efficient Hydrazine Oxidation Reaction. <i>ChemNanoMat</i> , 2020, 6, 1474-1478.	2.8	7
9	Coalescence and shape oscillation of Au nanoparticles in CO <sub>2</sub> hydrogenation to methanol. <i>Nanoscale</i> , 2021, 13, 18218-18225.	5.6	6
10	Monolayer goldene intercalated in graphene layers. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	4
11	Intermediate Structures of Nucleation and Growth during Solidification of CuO Constrained by Graphene. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902047.	3.7	3
12	Bilayer MoS <sub>2</sub> quantum dots with tunable magnetism and spin. <i>AIP Advances</i> , 2018, 8, 115103.	1.3	2
13	Strain evolution in nanoporous gold during catalytic CH <sub>4</sub> pyrolysis by in situ gas-phase transmission electron microscopy. <i>Scripta Materialia</i> , 2021, 204, 114146.	5.2	2
14	Visualization of Shallow Groove Expansion of Au(111) Facet under Methane Pyrolysis. <i>Advanced Materials Interfaces</i> , 2020, 7, 2001245.	3.7	1
15	Anomalous detwinning in constrained Cu nanoparticles. <i>Nanoscale</i> , 2020, 12, 14831-14837.	5.6	1
16	Estimation of the spatial distribution of Frenkel defects in NiFe <sub>2</sub> O <sub>4</sub> by simulation of HAADF-STEM images. <i>Nanoscale</i> , 2020, 12, 22668-22673.	5.6	1
17	Complete surface reconstruction of nanoporous gold during CH <sub>4</sub> pyrolysis. <i>Nanoscale</i> , 0, , .	5.6	0