

# Jin Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3775603/publications.pdf>

Version: 2024-02-01

18  
papers

1,728  
citations

687363

13  
h-index

888059

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-atom tailoring of platinum nanocatalysts for high-performance multifunctional electrocatalysis. <i>Nature Catalysis</i> , 2019, 2, 495-503.	34.4	464
2	Surface-Engineered PtNi-O Nanostructure with Record-High Performance for Electrocatalytic Hydrogen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2018, 140, 9046-9050.	13.7	379
3	Pt-Based Nanocrystal for Electrocatalytic Oxygen Reduction. <i>Advanced Materials</i> , 2019, 31, e1808115.	21.0	260
4	Silver nanoparticles boost charge-extraction efficiency in <i>Shewanella</i> microbial fuel cells. <i>Science</i> , 2021, 373, 1336-1340.	12.6	171
5	Robust Flexible Pressure Sensors Made from Conductive Micropyramids for Manipulation Tasks. <i>ACS Nano</i> , 2020, 14, 12866-12876.	14.6	106
6	PtCuNi Tetrahedra Catalysts with Tailored Surfaces for Efficient Alcohol Oxidation. <i>Nano Letters</i> , 2019, 19, 5431-5436.	9.1	93
7	Programmable devices based on reversible solid-state doping of two-dimensional semiconductors with superionic silver iodide. <i>Nature Electronics</i> , 2020, 3, 630-637.	26.0	61
8	Experimental Sabatier plot for predictive design of active and stable Pt-alloy oxygen reduction reaction catalysts. <i>Nature Catalysis</i> , 2022, 5, 513-523.	34.4	57
9	Peptide-Assisted 2-D Assembly toward Free-Floating Ultrathin Platinum Nanoplates as Effective Electrocatalysts. <i>Nano Letters</i> , 2019, 19, 3730-3736.	9.1	44
10	van der Waals Integrated Devices Based on Nanomembranes of 3D Materials. <i>Nano Letters</i> , 2020, 20, 1410-1416.	9.1	19
11	Two-dimensional van der Waals thin film transistors as active matrix for spatially resolved pressure sensing. <i>Nano Research</i> , 2021, 14, 3395-3401.	10.4	19
12	1D PtCo nanowires as catalysts for PEMFCs with low Pt loading. <i>Science China Materials</i> , 2022, 65, 704-711.	6.3	16
13	Transfer-free growth of graphene on Al <sub>2</sub> O <sub>3</sub> (0001) using a three-step method. <i>Carbon</i> , 2018, 131, 10-17.	10.3	13
14	Self-supported MoS <sub>x</sub> /V <sub>2</sub> O <sub>3</sub> heterostructures as efficient hybrid catalysts for hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2020, 827, 154262.	5.5	7
15	In situ synthesis of V <sub>2</sub> O <sub>3</sub> @Ni as an efficient hybrid catalyst for the hydrogen evolution reaction in alkaline and neutral media. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 9101-9109.	7.1	7
16	Synthesis of large size uniform single-crystalline trilayer graphene on premelting copper. <i>Carbon</i> , 2017, 122, 352-360.	10.3	5
17	Nanoparticle enabled high performance high modulus steels. <i>Scripta Materialia</i> , 2021, 201, 113954.	5.2	3
18	Epitaxial Growth of Copper Film by MOCVD. <i>Key Engineering Materials</i> , 0, 680, 507-510.	0.4	1