

# Wei-Chang D Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5975779/publications.pdf>

Version: 2024-02-01

10  
papers

430  
citations

1307594

7  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

609  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards data-driven next-generation transmission electron microscopy. <i>Nature Materials</i> , 2021, 20, 274-279.	27.5	130
2	Endothermic reaction at room temperature enabled by deep-ultraviolet plasmons. <i>Nature Materials</i> , 2021, 20, 346-352.	27.5	31
3	Dynamic structure of active sites in ceria-supported Pt catalysts for the water gas shift reaction. <i>Nature Communications</i> , 2021, 12, 914.	12.8	103
4	Probing Electronic Structures of Monolayer WSe <sub>2</sub> Stacked with hBN Using Correlative Cathodoluminescence and Electron Energy-Loss Spectroscopy. <i>Microscopy and Microanalysis</i> , 2021, 27, 1174-1176.	0.4	1
5	Electron energy-loss spectroscopy for direct visualization of gas adsorption sites. <i>Microscopy and Microanalysis</i> , 2021, 27, 800-801.	0.4	0
6	Steam-created grain boundaries for methane C-H activation in palladium catalysts. <i>Science</i> , 2021, 373, 1518-1523.	12.6	105
7	Operando Transmission Electron Microscopy of Catalyst Decoking Activated by Ultraviolet Surface Plasmons. <i>Microscopy and Microanalysis</i> , 2020, 26, 1698-1699.	0.4	0
8	Site-selective CO disproportionation mediated by localized surface plasmon resonance excited by electron beam. <i>Nature Materials</i> , 2019, 18, 614-619.	27.5	34
9	Unveiling Defect-Mediated Charge-Carrier Recombination at the Nanometer Scale in Polycrystalline Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 47037-47046.	8.0	14
10	In situ oxidation and reduction of cerium dioxide nanoparticles studied by scanning transmission electron microscopy. <i>Micron</i> , 2018, 115, 54-63.	2.2	12