

# Chih-Wen Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4493643/publications.pdf>

Version: 2024-02-01

13  
papers

2,142  
citations

1040056

9  
h-index

1372567

10  
g-index

13  
all docs

13  
docs citations

13  
times ranked

3271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Janus monolayers of transition metal dichalcogenides. <i>Nature Nanotechnology</i> , 2017, 12, 744-749.	31.5	1,459
2	Observation of chiral phonons. <i>Science</i> , 2018, 359, 579-582.	12.6	217
3	Mixed-dimensional MXene-hydrogel heterostructures for electronic skin sensors with ultrabroad working range. <i>Science Advances</i> , 2020, 6, .	10.3	182
4	Aqueously Cathodic Deposition of ZIF-8 Membranes for Superior Propylene/Propane Separation. <i>Advanced Functional Materials</i> , 2020, 30, 1907089.	14.9	77
5	Functional Two-Dimensional Coordination Polymeric Layer as a Charge Barrier in Li-S Batteries. <i>ACS Nano</i> , 2018, 12, 836-843.	14.6	76
6	Laterally Stitched Heterostructures of Transition Metal Dichalcogenide: Chemical Vapor Deposition Growth on Lithographically Patterned Area. <i>ACS Nano</i> , 2016, 10, 10516-10523.	14.6	52
7	Metal contact and carrier transport in single crystalline CH <sub>3</sub> NH <sub>3</sub> PbBr <sub>3</sub> perovskite. <i>Nano Energy</i> , 2018, 53, 817-827.	16.0	26
8	Growth of 2H stacked WSe <sub>2</sub> bilayers on sapphire. <i>Nanoscale Horizons</i> , 2019, 4, 1434-1442.	8.0	20
9	Design and Mechanistic Study of Highly Durable Carbon-Coated Cobalt Diphosphide Core-Shell Nanostructure Electrocatalysts for the Efficient and Stable Oxygen Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 20752-20761.	8.0	20
10	Epitaxial Growth and Determination of Band Alignment of Bi <sub>2</sub> Te <sub>3</sub> -WSe <sub>2</sub> Vertical van der Waals Heterojunctions. , 2020, 2, 1351-1359.		9
11	Aqueous Cathodic Deposition: Aqueously Cathodic Deposition of ZIF-8 Membranes for Superior Propylene/Propane Separation (Adv. Funct. Mater. 7/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070042.	14.9	4
12	Spectroscopic signature of chiral phonons in 2D materials. , 2018, , .		0
13	Experimental observation of chiral phonons in monolayer WSe <sub>2</sub> . , 2019, , .		0