

Chih-Wen Yang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

1,298
citations

8
h-index

10
g-index

10
ext. papers

1,710
ext. citations

15.1
avg. IF

4.01
L-index

#	Paper	IF	Citations
10	Janus monolayers of transition metal dichalcogenides. <i>Nature Nanotechnology</i> , 2017 , 12, 744-749	28.7	828
9	Fabrication of Au-Pd core-shell heterostructures with systematic shape evolution using octahedral nanocrystal cores and their catalytic activity. <i>Journal of the American Chemical Society</i> , 2011 , 133, 19993-20000	16.4	183
8	Observation of chiral phonons. <i>Science</i> , 2018 , 359, 579-582	33.3	110
7	Seed-mediated growth of ultralong gold nanorods and nanowires with a wide range of length tunability. <i>Langmuir</i> , 2013 , 29, 10491-7	4	51
6	Aqueously Cathodic Deposition of ZIF-8 Membranes for Superior Propylene/Propane Separation. <i>Advanced Functional Materials</i> , 2020 , 30, 1907089	15.6	44
5	Surfactant-directed fabrication of supercrystals from the assembly of polyhedral Au-Pd core-shell nanocrystals and their electrical and optical properties. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2265-75	16.4	41
4	Formation of Free-Standing Supercrystals from the Assembly of Polyhedral Gold Nanocrystals by Surfactant Diffusion in the Solution. <i>Chemistry of Materials</i> , 2014 , 26, 4882-4888	9.6	25
3	Growth of 2H stacked WSe ₂ bilayers on sapphire. <i>Nanoscale Horizons</i> , 2019 , 4, 1434-1442	10.8	11
2	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	15.6	3
1	Serial Morphological Transformations of Au Nanocrystals via Post-Synthetic Galvanic Dissolution and Recursive Growth. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 29006-29014	3.8	2