

Yang Cao

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7725415/yang-cao-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

11
papers

1,028
citations

8
h-index

12
g-index

12
ext. papers

1,308
ext. citations

19.4
avg, IF

3.7
L-index

#	Paper	IF	Citations
11	High electron mobility, quantum Hall effect and anomalous optical response in atomically thin InSe. <i>Nature Nanotechnology</i> , 2017 , 12, 223-227	28.7	723
10	Tuning the Pseudospin Polarization of Graphene by a Pseudomagnetic Field. <i>Nano Letters</i> , 2017 , 17, 2240-2245	11.5	78
9	Electrostatically Confined Monolayer Graphene Quantum Dots with Orbital and Valley Splittings. <i>Nano Letters</i> , 2016 , 16, 5798-805	11.5	72
8	Evidence of flat bands and correlated states in buckled graphene superlattices. <i>Nature</i> , 2020 , 584, 215-220	30.4	53
7	Large tunable valley splitting in edge-free graphene quantum dots on boron nitride. <i>Nature Nanotechnology</i> , 2018 , 13, 392-397	28.7	40
6	Scalable Patterning of Encapsulated Black Phosphorus. <i>Nano Letters</i> , 2018 , 18, 5373-5381	11.5	30
5	Atomically thin photoanode of InSe/graphene heterostructure. <i>Nature Communications</i> , 2021 , 12, 91	17.4	13
4	Creating Fluorine-Doped MoS Edge Electrodes with Enhanced Hydrogen Evolution Activity.. <i>Small Methods</i> , 2021 , 5, e2100612	12.8	9
3	Visualizing Piezoelectricity on 2D Crystals Nanobubbles. <i>Advanced Functional Materials</i> , 2021 , 31, 2005053	3.6	7
2	Out-of-equilibrium criticalities in graphene superlattices.. <i>Science</i> , 2022 , 375, 430-433	33.3	1
1	Edge engineering in chemically active two-dimensional materials. <i>Nano Research</i> , 1	10	1