

Yang Cao

List of Publications by Year in Descending Order

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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.

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