

Yang Cao

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,558
citations

932766

10
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

2880
citing authors

#	ARTICLE	IF	CITATIONS
1	High electron mobility, quantum Hall effect and anomalous optical response in atomically thin InSe. <i>Nature Nanotechnology</i> , 2017, 12, 223-227.	15.6	996
2	Evidence of flat bands and correlated states in buckled graphene superlattices. <i>Nature</i> , 2020, 584, 215-220.	13.7	118
3	Tuning the Pseudospin Polarization of Graphene by a Pseudomagnetic Field. <i>Nano Letters</i> , 2017, 17, 2240-2245.	4.5	113
4	Electrostatically Confined Monolayer Graphene Quantum Dots with Orbital and Valley Splittings. <i>Nano Letters</i> , 2016, 16, 5798-5805.	4.5	93
5	Large tunable valley splitting in edge-free graphene quantum dots on boron nitride. <i>Nature Nanotechnology</i> , 2018, 13, 392-397.	15.6	58
6	Creating Fluorine- δ -Doped MoS ₂ Edge Electrodes with Enhanced Hydrogen Evolution Activity. <i>Small Methods</i> , 2021, 5, e2100612.	4.6	44
7	Scalable Patterning of Encapsulated Black Phosphorus. <i>Nano Letters</i> , 2018, 18, 5373-5381.	4.5	43
8	Out-of-equilibrium criticalities in graphene superlattices. <i>Science</i> , 2022, 375, 430-433.	6.0	34
9	Atomically thin photoanode of InSe/graphene heterostructure. <i>Nature Communications</i> , 2021, 12, 91.	5.8	26
10	Visualizing Piezoelectricity on 2D Crystals Nanobubbles. <i>Advanced Functional Materials</i> , 2021, 31, 2005053.	7.8	23
11	Edge engineering in chemically active two-dimensional materials. <i>Nano Research</i> , 2022, 15, 9890-9905.	5.8	7
12	Strain tuned efficient heterostructure photoelectrodes. <i>Chinese Chemical Letters</i> , 2022, 33, 1450-1454.	4.8	3