Yang Cao

List of Publications by Citations

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. *Nature Nanotechnology*, **2017**, 12, 223-227	28.7	723
10	Tuning the Pseudospin Polarization of Graphene by a Pseudomagnetic Field. *Nano Letters*, **2017**, 17, 2240-2245	11.5	78
9	Electrostatically Confined Monolayer Graphene Quantum Dots with Orbital and Valley Splittings. *Nano Letters*, **2016**, 16, 5798-805	11.5	72
8	Evidence of flat bands and correlated states in buckled graphene superlattices. *Nature*, **2020**, 584, 215-220	50.4	53
7	Large tunable valley splitting in edge-free graphene quantum dots on boron nitride. *Nature Nanotechnology*, **2018**, 13, 392-397	28.7	40
6	Scalable Patterning of Encapsulated Black Phosphorus. *Nano Letters*, **2018**, 18, 5373-5381	11.5	30
5	Atomically thin photoanode of InSe/graphene heterostructure. *Nature Communications*, **2021**, 12, 91	17.4	13
4	Creating Fluorine-Doped MoS Edge Electrodes with Enhanced Hydrogen Evolution Activity.. *Small Methods*, **2021**, 5, e2100612	12.8	9
3	Visualizing Piezoelectricity on 2D Crystals Nanobubbles. *Advanced Functional Materials*, **2021**, 31, 2005053	19.6	7
2	Out-of-equilibrium criticalities in graphene superlattices.. *Science*, **2022**, 375, 430-433	33.3	1
1	Edge engineering in chemically active two-dimensional materials. *Nano Research*,1	10	1