

Jingsi Qiao

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.

34
papers

4,921
citations

17
h-index

36
g-index

36
ext. papers

5,751
ext. citations

10.7
avg, IF

5.73
L-index

#	Paper	IF	Citations
34	Size Dependence of Charge-Density-Wave Orders in Single-Layer NbSe Hetero/Homophase Junctions.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 1901-1907	6.4	1
33	Aggregation-Dependent Dielectric Permittivity in 2D Molecular Crystals.. <i>Small Methods</i> , 2022 , e2101198	2.8	
32	Visualizing Spatial Evolution of Electron-Correlated Interface in Two-Dimensional Heterostructures. <i>ACS Nano</i> , 2021 , 15, 16589-16596	16.7	7
31	Unveiling Atomic-Scale Moiré Features and Atomic Reconstructions in High-Angle Commensurately Twisted Transition Metal Dichalcogenide Homobilayers. <i>Nano Letters</i> , 2021 , 21, 3262-3270	11.5	5
30	Shallowing interfacial carrier trap in transition metal dichalcogenide heterostructures with interlayer hybridization. <i>Nano Research</i> , 2021 , 14, 1390-1396	10	4
29	Giant anisotropic photonics in the 1D van der Waals semiconductor fibrous red phosphorus. <i>Nature Communications</i> , 2021 , 12, 4822	17.4	7
28	TEM study of edge reconstruction and evolution in monolayer black phosphorus. <i>Nanoscale</i> , 2021 , 13, 4133-4139	7.7	4
27	The Origin of Dual Emission in Antiparallel-Stacked Two-Dimensional Covalent Organic Frameworks 2020 , 2, 654-657		8
26	Selective linear etching of monolayer black phosphorus using electron beams. <i>Chinese Physics B</i> , 2020 , 29, 086801	1.2	1
25	Rapid, Scalable Construction of Highly Crystalline Acylhydrazone Two-Dimensional Covalent Organic Frameworks via Dipole-Induced Antiparallel Stacking. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4932-4943	16.4	48
24	Room Temperature Commensurate Charge Density Wave on Epitaxially Grown Bilayer 2H-Tantalum Sulfide on Hexagonal Boron Nitride. <i>ACS Nano</i> , 2020 , 14, 3917-3926	16.7	17
23	Quasi one-dimensional van der Waals gold selenide with strong interchain interaction and giant magnetoresistance. <i>Science Bulletin</i> , 2020 , 65, 1451-1459	10.6	2
22	Linkage Engineering by Harnessing Supramolecular Interactions to Fabricate 2D Hydrazone-Linked Covalent Organic Framework Platforms toward Advanced Catalysis. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18138-18149	16.4	44
21	Experimental Observation of Ultrahigh Mobility Anisotropy of Organic Semiconductors in the Two-Dimensional Limit. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 2888-2894	4	1
20	Partitioning the interlayer space of covalent organic frameworks by embedding pseudorotaxanes in their backbones. <i>Nature Chemistry</i> , 2020 , 12, 1115-1122	17.6	23
19	Wet Chemical Method for Black Phosphorus Thinning and Passivation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 9213-9222	9.5	16
18	Realizing nearly-free-electron like conduction band in a molecular film through mediating intermolecular van der Waals interactions. <i>Nature Communications</i> , 2019 , 10, 3374	17.4	4

17	Unusual Electronic States and Superconducting Proximity Effect of Bi Films Modulated by a NbSe Substrate. <i>ACS Nano</i> , 2019 , 13, 1885-1892	16.7	12
16	Few-layer Tellurium: one-dimensional-like layered elementary semiconductor with striking physical properties. <i>Science Bulletin</i> , 2018 , 63, 159-168	10.6	138
15	Layer and doping tunable ferromagnetic order in two-dimensional CrS ₂ layers. <i>Physical Review B</i> , 2018 , 97,	3.3	53
14	Charge-governed phase manipulation of few-layer tellurium. <i>Nanoscale</i> , 2018 , 10, 22263-22269	7.7	20
13	Discovering the forbidden Raman modes at the edges of layered materials. <i>Science Advances</i> , 2018 , 4, eaau6252	14.3	26
12	Deriving phosphorus atomic chains from few-layer black phosphorus. <i>Nano Research</i> , 2017 , 10, 2519-2526	6.0	19
11	Geometric stability and electronic structure of infinite and finite phosphorus atomic chains. <i>Chinese Physics B</i> , 2017 , 26, 036803	1.2	7
10	Ultrahigh mobility and efficient charge injection in monolayer organic thin-film transistors on boron nitride. <i>Science Advances</i> , 2017 , 3, e1701186	14.3	115
9	High-Electron-Mobility and Air-Stable 2D Layered PtSe FETs. <i>Advanced Materials</i> , 2017 , 29, 1604230	24	368
8	Probing Carrier Transport and Structure-Property Relationship of Highly Ordered Organic Semiconductors at the Two-Dimensional Limit. <i>Physical Review Letters</i> , 2016 , 116, 016602	7.4	180
7	Interaction of Black Phosphorus with Oxygen and Water. <i>Chemistry of Materials</i> , 2016 , 28, 8330-8339	9.6	345
6	Extraordinarily Strong Interlayer Interaction in 2D Layered PtS ₂ . <i>Advanced Materials</i> , 2016 , 28, 2399-407	24	322
5	Polytypism and unexpected strong interlayer coupling in two-dimensional layered ReS ₂ . <i>Nanoscale</i> , 2016 , 8, 8324-32	7.7	99
4	Interlayer electronic hybridization leads to exceptional thickness-dependent vibrational properties in few-layer black phosphorus. <i>Nanoscale</i> , 2016 , 8, 2740-50	7.7	111
3	Strain- and twist-engineered optical absorption of few-layer black phosphorus. <i>Science China: Physics, Mechanics and Astronomy</i> , 2016 , 59, 1	3.6	11
2	High-mobility transport anisotropy and linear dichroism in few-layer black phosphorus. <i>Nature Communications</i> , 2014 , 5, 4475	17.4	2892
1	Correlation of interfacial bonding mechanism and equilibrium conductance of molecular junctions. <i>Frontiers of Physics</i> , 2014 , 9, 780-788	3.7	11