

Zhizhan Qiu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,137
citations

623734

14
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

2289
citing authors

#	ARTICLE	IF	CITATIONS
1	Atomically precise bottom-up synthesis of π -extended [5]triangulene. <i>Science Advances</i> , 2019, 5, eaav7717.	10.3	159
2	Gate-Tunable Giant Stark Effect in Few-Layer Black Phosphorus. <i>Nano Letters</i> , 2017, 17, 1970-1977.	9.1	144
3	Ultrafast Electrochemical Expansion of Black Phosphorus toward High-Yield Synthesis of Few-Layer Phosphorene. <i>Chemistry of Materials</i> , 2018, 30, 2742-2749.	6.7	132
4	Tailoring sample-wide pseudo-magnetic fields on a graphene/black phosphorus heterostructure. <i>Nature Nanotechnology</i> , 2018, 13, 828-834.	31.5	113
5	Atomically-precise dopant-controlled single cluster catalysis for electrochemical nitrogen reduction. <i>Nature Communications</i> , 2020, 11, 4389.	12.8	110
6	Printable two-dimensional superconducting monolayers. <i>Nature Materials</i> , 2021, 20, 181-187.	27.5	102
7	Defects controlled hole doping and multivalley transport in SnSe single crystals. <i>Nature Communications</i> , 2018, 9, 47.	12.8	95
8	Giant gate-tunable bandgap renormalization and excitonic effects in a 2D semiconductor. <i>Science Advances</i> , 2019, 5, eaaw2347.	10.3	80
9	Strain-induced Isomerization in One-Dimensional Metal-Organic Chains. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18591-18597.	13.8	37
10	Resolving the Spatial Structures of Bound Hole States in Black Phosphorus. <i>Nano Letters</i> , 2017, 17, 6935-6940.	9.1	33
11	Visualizing atomic structure and magnetism of 2D magnetic insulators via tunneling through graphene. <i>Nature Communications</i> , 2021, 12, 70.	12.8	29
12	Semimetal or Semiconductor: The Nature of High Intrinsic Electrical Conductivity in TiS_2 . <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6996-7001.	4.6	27
13	High yield electrochemical exfoliation synthesis of tin selenide quantum dots for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23958-23963.	10.3	26
14	Strain-induced Isomerization in One-Dimensional Metal-Organic Chains. <i>Angewandte Chemie</i> , 2019, 131, 18764-18770.	2.0	19
15	Real-Space Imaging of a Single-Molecule Monoradical Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 13550-13557.	13.7	14
16	Degradation Chemistry and Kinetic Stabilization of Magnetic CrI_3 . <i>Journal of the American Chemical Society</i> , 2022, 144, 5295-5303.	13.7	13
17	Electronic Self-Passivation of Single Vacancy in Black Phosphorus via Ionization. <i>Physical Review Letters</i> , 2022, 128, 176801.	7.8	4