

# Zhizhan Qiu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1094610/publications.pdf>

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