

Taiming Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2693296/publications.pdf>

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12
papers

1,581
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

2653
citing authors

#	ARTICLE	IF	CITATIONS
1	Black Phosphorus Revisited: A Missing Metal-Free Elemental Photocatalyst for Visible Light Hydrogen Evolution. <i>Advanced Materials</i> , 2017, 29, 1605776.	21.0	405
2	Black phosphorus composites with engineered interfaces for high-rate high-capacity lithium storage. <i>Science</i> , 2020, 370, 192-197.	12.6	336
3	Degradation Chemistry and Stabilization of Exfoliated Few-Layer Black Phosphorus in Water. <i>Journal of the American Chemical Society</i> , 2018, 140, 7561-7567.	13.7	273
4	Stabilizing black phosphorus nanosheets via edge-selective bonding of sacrificial C60 molecules. <i>Nature Communications</i> , 2018, 9, 4177.	12.8	171
5	Azide Passivation of Black Phosphorus Nanosheets: Covalent Functionalization Affords Ambient Stability Enhancement. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1479-1483.	13.8	123
6	A Black Phosphorus-Graphite Composite Anode for Li-Na-K-Ion Batteries. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2318-2322.	13.8	84
7	Atom-Thick Interlayer Made of CVD-Grown Graphene Film on Separator for Advanced Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43696-43703.	8.0	79
8	Synergy of Black Phosphorus-Graphite-Polyaniline-Based Ternary Composites for Stable High Reversible Capacity Na-Ion Battery Anodes. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16656-16661.	8.0	46
9	Azide Passivation of Black Phosphorus Nanosheets: Covalent Functionalization Affords Ambient Stability Enhancement. <i>Angewandte Chemie</i> , 2019, 131, 1493-1497.	2.0	23
10	A Black Phosphorus-Graphite Composite Anode for Li-Na-K-Ion Batteries. <i>Angewandte Chemie</i> , 2020, 132, 2338-2342.	2.0	21
11	Degradation Chemistry and Kinetic Stabilization of Magnetic CrI ₃ . <i>Journal of the American Chemical Society</i> , 2022, 144, 5295-5303.	13.7	13
12	Isotropic charge screening of anisotropic black phosphorus revealed by potassium adatoms. <i>Physical Review B</i> , 2019, 100, .	3.2	7