

# Dechun Zhou

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9620147/publications.pdf>

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13  
papers

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citations

1163117

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#	ARTICLE	IF	CITATIONS
1	Modulating Epitaxial Atomic Structure of Antimonene through Interface Design. <i>Advanced Materials</i> , 2019, 31, e1902606.	21.0	84
2	Large-scale Synthesis of Strain-Tunable Semiconducting Antimonene on Copper Oxide. <i>Advanced Materials</i> , 2020, 32, e1906873.	21.0	46
3	Epitaxial Growth of Main Group Monoelemental 2D Materials. <i>Advanced Functional Materials</i> , 2021, 31, 2006997.	14.9	37
4	Epitaxial Growth of Flat, Metallic Monolayer Phosphorene on Metal Oxide. <i>ACS Nano</i> , 2020, 14, 2385-2394.	14.6	27
5	Interfacial Effects on the Growth of Atomically Thin Film: Group VA Elements on Au(111). <i>Advanced Materials Interfaces</i> , 2019, 6, 1901050.	3.7	14
6	Defect Generation and Surface Functionalization on Epitaxial Blue Phosphorene by C60 Adsorption. <i>Journal of Physical Chemistry C</i> , 2019, , .	3.1	13
7	Imaging and Dynamics of Water Hexamer Confined in Nanopores. <i>ACS Nano</i> , 2019, 13, 10622-10630.	14.6	10
8	Epitaxial growth of single tellurium atomic wires on a Cu <sub>2</sub> Sb surface alloy. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	10
9	Phase Engineering of Epitaxial Stanene on a Surface Alloy. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 211-217.	4.6	6
10	Experimental Realization and Phase Engineering of a Two-Dimensional SnSb Binary Honeycomb Lattice. <i>ACS Nano</i> , 2021, 15, 16335-16343.	14.6	5
11	Submolecular Imaging of Parallel Offset $\sqrt{3}\times\sqrt{3}$ Stacking in Nonplanar Phthalocyanine Bilayers. <i>Journal of Physical Chemistry C</i> , 2019, 123, 7178-7184.	3.1	4
12	Atomic mechanism of the phase transition in monolayer bismuthene on copper oxide. <i>Physical Review Materials</i> , 2021, 5, .	2.4	4
13	Lateral epitaxial growth of two-dimensional heterostructure linked by gold adatoms. <i>Nano Research</i> , 2021, 14, 887-892.	10.4	3