

# Yani Liu

## List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Gap Quantum Spin Hall State and Temperature-Induced Lifshitz Transition in $\text{Bi}_4\text{Br}_4$ . ACS Nano, 2022, 16, 3036-3044.	7.3	17
2	Germanium Nanosheets with Dirac Characteristics as a Saturable Absorber for Ultrafast Pulse Generation. Advanced Materials, 2021, 33, e2101042.	11.1	38
3	Germanene Nanosheets: Achieving Superior Sodium-Ion Storage via Pseudointercalation Reactions. Small Structures, 2021, 2, 2100041.	6.9	20
4	Epitaxial Growth of Quasi-One-Dimensional Bismuth-Halide Chains with Atomically Sharp Topological Non-Trivial Edge States. ACS Nano, 2021, 15, 14850-14857.	7.3	12
5	Germanium Nanosheets with Dirac Characteristics as a Saturable Absorber for Ultrafast Pulse Generation (Adv. Mater. 32/2021). Advanced Materials, 2021, 33, 2170247.	11.1	5
6	Reversible Potassium Intercalation in Blue Phosphorene-Au Network Driven by an Electric Field. Journal of Physical Chemistry Letters, 2020, 11, 5584-5590.	2.1	5
7	General "Electron-Assisted Strategy for Ir, Pt, Ru, Pd, Fe, Ni Single-Atom Electrocatalysts with Bifunctional Active Sites for Highly Efficient Water Splitting. Angewandte Chemie - International Edition, 2019, 58, 11868-11873.	7.2	229
8	General "Electron-Assisted Strategy for Ir, Pt, Ru, Pd, Fe, Ni Single-Atom Electrocatalysts with Bifunctional Active Sites for Highly Efficient Water Splitting. Angewandte Chemie, 2019, 131, 11994-11999.	1.6	28
9	Realization of Strained Stanene by Interface Engineering. Journal of Physical Chemistry Letters, 2019, 10, 1558-1565.	2.1	25
10	Role of Charge Density Wave in Monatomic Assembly in Transition Metal Dichalcogenides. Advanced Functional Materials, 2019, 29, 1900367.	7.8	28
11	Recent Progress on Germanene and Functionalized Germanene: Preparation, Characterizations, Applications, and Challenges. Small, 2019, 15, e1805147.	5.2	100
12	Band Gap Modulated by Electronic Superlattice in Blue Phosphorene. ACS Nano, 2018, 12, 5059-5065.	7.3	92