

# Yani Liu

## List of Publications by Year in descending order

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12  
papers

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citations

933264

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h-index

1199470

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12  
docs citations

12  
times ranked

1039  
citing authors

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