

Liying Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Surface Van Hove Singularity Enabled Efficient Catalysis in Low-Dimensional Systems: CO Oxidation and Hydrogen Evolution Reactions. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 740-746.	4.6	10
2	Formation of stable polonium monolayers with tunable semiconducting properties driven by strong quantum size effects. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 7512-7520.	2.8	0
3	Two-Dimensional Type-II BP/MoSi ₂ P ₄ vdW Heterostructures for High-Performance Solar Cells. <i>Journal of Physical Chemistry C</i> , 2022, 126, 4677-4683.	3.1	22
4	Coexistence of Robust Edge States and Superconductivity in Few-Layer Stanene. <i>Physical Review Letters</i> , 2022, 128, .	7.8	11
5	Intriguing electronic properties of germanene/ indium selenide and antimonene/ indium selenide heterostructures. <i>Journal of Solid State Chemistry</i> , 2019, 269, 513-520.	2.9	11
6	Kinetic pathways towards mass production of single crystalline stanene on topological insulator substrates. <i>Nanoscale</i> , 2018, 10, 18988-18994.	5.6	8
7	Electronic, magnetic properties of transition metal doped Tl ₂ S: First-principles study. <i>Applied Surface Science</i> , 2017, 425, 393-399.	6.1	9
8	Sub-surface alloying largely influences graphene nucleation and growth over transition metal substrates. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 30270-30278.	2.8	4