

Lili Kang

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

243
citations

1163117

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1372567

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all docs

10
docs citations

10
times ranked

151
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant tunneling electroresistance in two-dimensional ferroelectric tunnel junctions with out-of-plane ferroelectric polarization. Physical Review B, 2020, 101, .	3.2	52
2	Prediction of the two-dimensional Janus ferrovalley material LaBrI. Physical Review B, 2021, 104, .	3.2	49
3	Realizing giant tunneling electroresistance in two-dimensional graphene/BiP ferroelectric tunnel junction. Nanoscale, 2019, 11, 16837-16843.	5.6	35
4	Giant tunnel electroresistance in ferroelectric tunnel junctions with metal contacts to two-dimensional ferroelectric materials. Physical Review B, 2021, 103, .	3.2	26
5	Ferroelectric control of electron half-metallicity in A -type antiferromagnets and its application to nonvolatile memory devices. Physical Review B, 2020, 102, .	3.2	23
6	Computational prediction of a two-dimensional semiconductor SnO with negative Poisson's ratio and tunable magnetism by doping. Physical Review B, 2020, 102, .	3.2	19
7	Robust generation of half-metallic transport and pure spin current with photogalvanic effect in zigzag silicene nanoribbons. Journal of Physics Condensed Matter, 2019, 31, 495701.	1.8	18
8	Giant Tunneling Electroresistance Induced by Interfacial Doping in BaPtO_3 Ferroelectric Tunnel Junctions. Physical Review Applied, 2022, 17, .	3.8	11
9	Domain-wall induced giant tunneling electroresistance effect in two-dimensional Graphene/ In_2Se_3 ferroelectric tunnel junctions. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 133, 114783.	2.7	7
10	Giant tunneling electroresistance arising from reversible partial barrier metallization in the $\text{NaTiO}_3/\text{BaTiO}_3/\text{LaTiO}_3$ ferroelectric tunnel junction. Physical Chemistry Chemical Physics, 2021, 23, 16349-16356.	2.8	3