

Lulu Liu

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

502
citations

1163065

8
h-index

1281846

11
g-index

11
all docs

11
docs citations

11
times ranked

756
citing authors

#	ARTICLE	IF	CITATIONS
1	TiC ₃ Monolayer with High Specific Capacity for Sodium-Ion Batteries. Journal of the American Chemical Society, 2018, 140, 5962-5968.	13.7	244
2	Stable and metallic two-dimensional TaC ₂ as an anode material for lithium-ion battery. Journal of Materials Chemistry A, 2017, 5, 18698-18706.	10.3	75
3	Pressure-induced stable BeN ₄ as a high-energy density material. Journal of Power Sources, 2017, 365, 155-161.	7.8	43
4	Pressure-Induced Stable Li ₅ P for High-Performance Lithium-Ion Batteries. Journal of Physical Chemistry C, 2017, 121, 21199-21205.	3.1	36
5	Hexagonal BC ₂ N with Remarkably High Hardness. Journal of Physical Chemistry C, 2018, 122, 6801-6807.	3.1	26
6	Phase diagram, stability and electronic properties of an Feâ€P system under high pressure: a first principles study. RSC Advances, 2017, 7, 15986-15991.	3.6	23
7	Pressure-stabilized GdN ₆ with an armchairâ€antiarmchair structure as a high energy density material. Journal of Materials Chemistry A, 2021, 9, 16751-16758.	10.3	18
8	Evidence of topological nodal lines and surface states in the centrosymmetric superconductor SnTaS_2 . Physical Review B, 2021, 103, .	3.2	15
9	Direct Observation of Global Elastic Intervalley Scattering Induced by Impurities on Graphene. Nano Letters, 2021, 21, 8258-8265.	9.1	9
10	Pressure-Driven Ne-Bearing Polynitrides with Ultrahigh Energy Density. Chinese Physics Letters, 2022, 39, 056102.	3.3	7
11	Tetragonal Structure BC ₄ as a Superhard Material. Journal of Physical Chemistry C, 2017, 121, 10119-10123.	3.1	6