

# Jingyu Qin

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

162  
citations

1478505

6  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	A self-supported, three-dimensional porous copper film as a current collector for advanced lithium metal batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1092-1098.	10.3	77
2	Understanding the boosted sodium storage behavior of a nanoporous bismuth-nickel anode using <i>&lt;i&gt;operando&lt;/i&gt;</i> X-ray diffraction and density functional theory calculations. <i>Journal of Materials Chemistry A</i> , 2019, 7, 13602-13613.	10.3	20
3	Atomistic mechanism of phase transformation between topologically close-packed complex intermetallics. <i>Nature Communications</i> , 2022, 13, 2487.	12.8	15
4	é€šè; tæ”ç, âê†â€—è,, ±âê†â€—â@žž°-1ç³ç±³âšâ”é†â±ž â@ès, /â¼@ès, ç»“æž,, çš,, è€   â•è° fæžš. <i>Science China Materials</i> , 2021, 6		
5	Alloying/dealloying mechanisms, microstructural modulation and mechanical properties of nanoporous silver via a liquid metal-assisted alloying/dealloying strategy. <i>Journal of Alloys and Compounds</i> , 2021, 872, 159675.	5.5	10
6	Vacancies effect on the mechanical properties in B2 FeAl intermetallic by the first-principles study. <i>Philosophical Magazine</i> , 2019, 99, 2703-2717.	1.6	7
7	Structure of liquid Cuâ€“Sb alloys by ab initio molecular dynamics simulations, high temperature X-ray diffraction, and resistivity. <i>Journal of Materials Science</i> , 2013, 48, 4438-4445.	3.7	6
8	Anomalous structure transition in undercooled melt regulates polymorphic selection in barium titanate crystallization. <i>Communications Chemistry</i> , 2021, 4, .	4.5	6
9	Vapor phase dealloying-driven synthesis of bulk nanoporous cobalt with a face-centered cubic structure. <i>CrystEngComm</i> , 2021, 23, 6526-6532.	2.6	4
10	The effects of solutes on precipitated phase/matrix interface stability and their distribution tendencies between the two phases in Co-based superalloys. <i>Computational Materials Science</i> , 2022, 211, 111547.	3.0	3
11	Inhibiting effect of heterogeneous cations aggregation enhanced by oxygen deficiency on glass formation of BaTi<sub>2</sub>O<sub>5</sub> melts. <i>Journal of the American Ceramic Society</i> , 2021, 104, 6207-6226.	3.8	2
12	Atomic structures and mechanical properties in Zrâ€“Niâ€“Al metallic glasses studied by molecular dynamics simulations. <i>Modelling and Simulation in Materials Science and Engineering</i> , 2022, 30, 055005.	2.0	1