Jingyu Qin

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6821292/publications.pdf

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12	162	1478505 6	1199594 12
papers	citations	h-index	g-index

12	12	12	256
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Atomistic mechanism of phase transformation between topologically close-packed complex intermetallics. Nature Communications, 2022, 13, 2487.	12.8	15
2	The effects of solutes on precipitated phase/matrix interface stability and their distribution tendencies between the two phases in Co-based superalloys. Computational Materials Science, 2022, 211, 111547.	3.0	3
3	Atomic structures and mechanical properties in Zrâ€“Niâ€“Al metallic glasses studied by molecular dynamics simulations. Modelling and Simulation in Materials Science and Engineering, 2022, 30, 055005.	2.0	1
4	é€šè¿‡æ°”ç›¸å•é‡‘åŒ–è„±å•é‡‘åŒ–å®žçŽ°å¯¹ç º³ç±³åšå”é‡‘å±ž å®è§‚/å¾®è§‚ç»“æž„çš„è€¦å•è°ƒæŽ§. Science China Materials, 2021, 6	6.3	11
5	Anomalous structure transition in undercooled melt regulates polymorphic selection in barium titanate crystallization. Communications Chemistry, 2021, 4, .	4.5	6
6	Inhibiting effect of heterogeneous cations aggregation enhanced by oxygen deficiency on glass formation of BaTi₂O₅ melts. Journal of the American Ceramic Society, 2021, 104, 6207-6226.	3.8	2
7	Alloying/dealloying mechanisms, microstructural modulation and mechanical properties of nanoporous silver via a liquid metal-assisted alloying/dealloying strategy. Journal of Alloys and Compounds, 2021, 872, 159675.	5.5	10
8	Vapor phase dealloying-driven synthesis of bulk nanoporous cobalt with a face-centered cubic structure. CrystEngComm, 2021, 23, 6526-6532.	2.6	4
9	Vacancies effect on the mechanical properties in B2 FeAl intermetallic by the first-principles study. Philosophical Magazine, 2019, 99, 2703-2717.	1.6	7
10	A self-supported, three-dimensional porous copper film as a current collector for advanced lithium metal batteries. Journal of Materials Chemistry A, 2019, 7, 1092-1098.	10.3	77
11	Understanding the boosted sodium storage behavior of a nanoporous bismuth-nickel anode using <i>operando</i> X-ray diffraction and density functional theory calculations. Journal of Materials Chemistry A, 2019, 7, 13602-13613.	10.3	20
12	Structure of liquid Cuâ€“Sb alloys by ab initio molecular dynamics simulations, high temperature X-ray diffraction, and resistivity. Journal of Materials Science, 2013, 48, 4438-4445.	3.7	6