

B O Mukhamedov

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

86
citations

1937685

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1474206

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all docs

10
docs citations

10
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of multicomponent alloying with Ni, Mn and Mo on phase stability of bcc Fe-Cr alloys. Acta Materialia, 2018, 150, 117-129.	7.9	23
2	Spinodal decomposition in ternary Fe-Cr-Co system. Journal of Alloys and Compounds, 2017, 695, 250-256.	5.5	22
3	Thermodynamic and physical properties of Zr ₃ Fe and ZrFe ₂ intermetallic compounds. Intermetallics, 2019, 109, 189-196.	3.9	14
4	Nanodomain structure of single crystalline nickel oxide. Scientific Reports, 2021, 11, 3496.	3.3	12
5	Machine learning prediction of thermodynamic and mechanical properties of multicomponent Fe-Cr-based alloys. Physical Review Materials, 2021, 5, .	2.4	4
6	Theoretical modeling of interstitial carbon impurities in paramagnetic Fe-Mn alloys. Physical Review Materials, 2020, 4, .	2.4	3
7	Design of Materials for Nuclear Energy Applications: First-Principles Calculations and Artificial Intelligence Methods. High Temperature, 2020, 58, 907-937.	1.0	3
8	The magnetization profile induced by the double magnetic proximity effect in an Fe/Fe _{0.30} V _{0.70} superlattice. Applied Physics Letters, 2019, 115, .	3.3	2
9	Theoretical description of thermodynamic and mechanical properties of multicomponent bcc Fe-Cr-based alloys. Physical Review Materials, 2020, 4, .	2.4	2
10	Tetragonal distortion in magnetron sputtered bcc-W films with supersaturated carbon. Materials and Design, 2022, 214, 110422.	7.0	1