

B O Mukhamedov

List of Publications by Year in descending order

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papers

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1937685

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citing authors

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