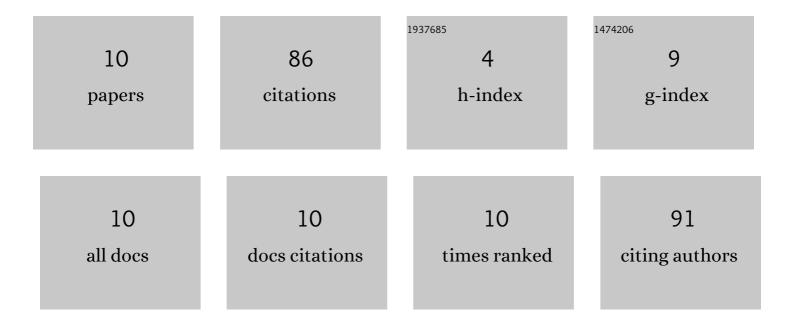
## B O Mukhamedov

List of Publications by Year in descending order

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R O MUKHAMEDOV

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Effect of multicomponent alloying with Ni, Mn and Mo on phase stability of bcc Fe-Cr alloys. Acta<br>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 Zr3Fe and ZrFe2 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<br>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<br>Materials, 2020, 4, .                                   | 2.4 | 3         |
| 7  | Design of Materials for Nuclear Energy Applications: First-Principles Calculations and Artificial<br>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/Fe0.30V0.70 superlattice. Applied Physics Letters, 2019, 115, .              | 3.3 | 2         |
| 9  | Theoretical description of thermodynamic and mechanical properties of multicomponent bcc<br>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         |