

Alexandre Ivanov

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

395
citations

1163117

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docs citations

14
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524
citing authors

#	ARTICLE	IF	CITATIONS
1	Isotopic dependence of the frequency of optical vibrations in molybdenum monohydride. Journal of Alloys and Compounds, 2022, 893, 162299.	5.5	2
2	Electron-momentum dependence of electron-phonon coupling underlies dramatic phonon renormalization in YNi ₂ B ₂ C. Nature Communications, 2022, 13, 228.	12.8	3
3	Lattice dynamics of high-pressure hydrides studied by inelastic neutron scattering. Journal of Alloys and Compounds, 2022, 905, 164208.	5.5	9
4	Electron-phonon coupling in the charge density wave state of CsV_3Sb_5 . Physical Review B, 2022, 105, .	3.2	18
5	Frustration model and spin excitations in the helimagnet FeP. Physical Review B, 2022, 105, .	3.2	7
6	Combined inelastic neutron scattering and <i>ab initio</i> lattice dynamics study of FeSi. Physical Review B, 2022, 105, .	3.2	1
7	Neutron scattering study of tantalum monohydride and monodeuteride. International Journal of Hydrogen Energy, 2021, 46, 20630-20639.	7.1	5
8	Polarized neutron scattering studies of magnetic excitations in iron-selenide superconductor $\text{Li}_{0.8}\text{Fe}_{0.2}\text{ODFeSe}$ ($T_c = 41\text{ÅK}$). Journal of Physics Condensed Matter, 2021, 33, 45LT01.	1.8	0
9	Topological magnon insulators in two-dimensional van der Waals ferromagnets CrSiTe_3 and CrGeTe_3 : Toward intrinsic gap-tunability. Science Advances, 2021, 7, eabi7532.	10.3	56
10	Neutron scattering study of tantalum dihydride. Physical Review B, 2020, 102, .	3.2	8
11	Transition from Sign-Reversed to Sign-Preserved Cooper-Pairing Symmetry in Sulfur-Doped Iron Selenide Superconductors. Physical Review Letters, 2016, 116, 197004.	7.8	19
12	Magnetic moments induce strong phonon renormalization in FeSi. Nature Communications, 2015, 6, 8961.	12.8	25
13	Magnetic Resonant Mode in the Low-Energy Spin-Excitation Spectrum of Superconducting RbFe_2As_2 . Physical Review Letters, 2011, 107, 177005.	7.8	98
14	Symmetry of spin excitation spectra in the tetragonal paramagnetic and superconducting phases of 122-ferropnictides. Physical Review B, 2010, 82, .	3.2	114