

# Alexandre Ivanov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9803800/publications.pdf>

Version: 2024-02-01

14  
papers

395  
citations

1163117

8  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Symmetry of spin excitation spectra in the tetragonal paramagnetic and superconducting phases of 122-ferropnictides. <i>Physical Review B</i> , 2010, 82, .	3.2	114
2	Magnetic Resonant Mode in the Low-Energy Spin-Excitation Spectrum of Superconducting $\text{RbFe}_2\text{As}_2$ Crystals. <i>Physical Review Letters</i> , 2011, 107, 177005.	7.8	98
3	Topological magnon insulators in two-dimensional van der Waals ferromagnets $\text{CrSiTe}_3$ and $\text{CrGeTe}_3$ : Toward intrinsic gap-tunability. <i>Science Advances</i> , 2021, 7, eabi7532.	10.3	56
4	Electron-phonon coupling in the charge density wave state of $\text{CsV}_3\text{Sb}_5$ . <i>Physical Review B</i> , 2022, 105, .	3.2	18
5	Magnetic moments induce strong phonon renormalization in FeSi. <i>Nature Communications</i> , 2015, 6, 8961.	12.8	25
6	Transition from Sign-Reversed to Sign-Preserved Cooper-Pairing Symmetry in Sulfur-Doped Iron Selenide Superconductors. <i>Physical Review Letters</i> , 2016, 116, 197004.	7.8	19
7	Lattice dynamics of high-pressure hydrides studied by inelastic neutron scattering. <i>Journal of Alloys and Compounds</i> , 2022, 905, 164208.	5.5	9
8	Neutron scattering study of tantalum dihydride. <i>Physical Review B</i> , 2020, 102, .	3.2	8
9	Frustration model and spin excitations in the helimagnet FeP. <i>Physical Review B</i> , 2022, 105, .	3.2	7
10	Neutron scattering study of tantalum monohydride and monodeuteride. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 20630-20639.	7.1	5
11	Electron-momentum dependence of electron-phonon coupling underlies dramatic phonon renormalization in $\text{YNi}_2\text{B}_2\text{C}$ . <i>Nature Communications</i> , 2022, 13, 228.	12.8	3
12	Isotopic dependence of the frequency of optical vibrations in molybdenum monohydride. <i>Journal of Alloys and Compounds</i> , 2022, 893, 162299.	5.5	2
13	Combined inelastic neutron scattering and <i>ab initio</i> lattice dynamics study of FeSi. <i>Physical Review B</i> , 2022, 105, .	3.2	1
14	Polarized neutron scattering studies of magnetic excitations in iron-selenide superconductor $\text{Li}_{0.8}\text{Fe}_{0.2}\text{ODFeSe}$ ( $T_c = 41\text{ÅK}$ ). <i>Journal of Physics Condensed Matter</i> , 2021, 33, 45LT01.	1.8	0