

V V Kuzmin

List of Publications by Year in descending order

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30
papers

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citations

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31
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	High- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">\langle \text{mml:msub}\langle \text{mml:mi}T\langle \text{mml:mi}\rangle c\langle \text{mml:mi}\rangle \langle \text{mml:msub}\rangle \langle \text{mml:math}\rangle \text{Spin Superfluidity in Antiferromagnets. Physical Review Letters, 2012, 108, 177002.} \rangle \rangle \rangle$ Spin Superfluidity in Antiferromagnets. Physical Review Letters, 2012, 108, 177002.	7.8	49
2	Discovery of the classical Bose-Einstein condensation of magnons in solid antiferromagnets. JETP Letters, 2011, 94, 68-72.	1.4	27
3	Spin Kinetics of ^3He in Contact with Synthesized PrF_3 Nanoparticles. Journal of Low Temperature Physics, 2011, 162, 645-652.	1.4	16
4	Nuclear magnetic relaxation of ^3He in contact with an aerogel above the Fermi temperature. JETP Letters, 2008, 88, 823-827.	1.4	15
5	Size effect in the (PrF_3 nanoparticles- ^3He) system. JETP Letters, 2013, 97, 579-582.	1.4	13
6	Angstrom-scale probing of paramagnetic centers location in nanodiamonds by ^3He NMR at low temperatures. Physical Chemistry Chemical Physics, 2018, 20, 1476-1484.	2.8	11
7	Magnon Bose-Einstein condensation in CsMnF_3 and MnCO_3 . Journal of Physics: Conference Series, 2011, 324, 012006.	0.4	10
8	Spin Kinetics of Liquid ^3He in Contact with a DyF_3 Micropowder at Ferromagnetic Ordering of Dy^{3+} Ions. JETP Letters, 2018, 107, 111-114.	1.4	9
9	Pulse NMR of ^3He in aerogel at temperature 1.5 K. Journal of Physics: Conference Series, 2009, 150, 032043.	0.4	7
10	NMR of Liquid ^3He in Pores of a Clay Sample. Applied Magnetic Resonance, 2010, 38, 271-278.	1.2	7
11	Experimental Setup for Observation the Bose-Einstein Condensation of Magnons in Solid Antiferromagnets CsMnF_3 and MnCO_3 . Applied Magnetic Resonance, 2013, 44, 595-603.	1.2	7
12	Anomalous nuclear spin-lattice relaxation of ^3He in contact with ordered Al_2O_3 aerogel. JETP Letters, 2016, 104, 315-318.	1.4	7
13	The self-assembly of DyF_3 nanoparticles synthesized by chloride-based route. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	6
14	Determination of pores properties in rocks by means of helium-3 NMR: A case study of oil-bearing arkosic conglomerate from North belt of crude oil, Republic of Cuba. Journal of Petroleum Science and Engineering, 2022, 210, 110010.	4.2	6
15	An improved shielded RF transmit coil for low-frequency NMR and MRI. Journal of Magnetic Resonance, 2015, 256, 70-76.	2.1	5
16	Helium-3 gas self-diffusion in a nematically ordered aerogel at low temperatures: enhanced role of adsorption. Physical Chemistry Chemical Physics, 2017, 19, 23146-23153.	2.8	5
17	The home-built high-field multifunctional pulsed NMR spectrometer. Magnetic Resonance in Solids, 2019, 21, .	0.2	5
18	Low temperature adsorption of ^3He on silica aerogel surface and its influence on ^3He spin kinetics. Journal of Physics: Conference Series, 2011, 324, 012028.	0.4	4

#	ARTICLE	IF	CITATIONS
19	On the thermodynamic equilibrium in the ^3He -aerogel system at low temperatures. JETP Letters, 2011, 93, 223-225.	1.4	4
20	Accounting for material imperfections in the design and optimization of low cost Halbach magnets. Review of Scientific Instruments, 2020, 91, 103904. Peculiarities of magnetic ordering in the NaMnSb	1.3	4
21	NaMnSb two-dimensional square-lattice antimonate $\text{NaMnSb}_2\text{O}_4$. Physical Review B, 2020, 101, ...	3.2	4
22	Atomic type magnon Bose-Einstein condensation in antiferromagnet.. Journal of Physics: Conference Series, 2012, 400, 032001.	0.4	3
23	Signal feedback applications in low-field NMR and MRI. Journal of Magnetic Resonance, 2020, 310, 106622.	2.1	3
24	The study of the system "Van Vleck paramagnet PrF_3 -Helium-3". Journal of Physics: Conference Series, 2009, 150, 032019.	0.4	2
25	Spin kinetics of liquid ^3He in an aerogel "DyF ₃ nanoparticle system. Low Temperature Physics, 2019, 45, 1227-1230.	0.6	2
26	The ^3He nuclear magnetic relaxation in nematically ordered Al_2O_3 aerogels: effects of ^4He and nitrogen pre-plating. Journal of Physics Condensed Matter, 2021, 33, 195805.	1.8	1
27	Anisotropic reduced diffusion in dilute liquid ^3He " ^4He mixture in ordered aerogel. Journal of Physics Condensed Matter, 2020, 33, 065101.	1.8	1
28	Cryogenic Purification of Helium and its Use for Preparing Polarization Cells and Carrying Out Non-Optical Polarization of ^3He Nuclei. Instruments and Experimental Techniques, 2021, 64, 911-916.	0.5	1
29	Study of anisotropic magnetic properties of LiTmF_4 in (001) plane by enhanced ^{169}Tm NMR and magnetization measurements. Journal of Physics: Conference Series, 2006, 51, 135-138.	0.4	0
30	Reply to "Comment on "Ångstrom-scale probing of paramagnetic centers location in nanodiamonds by ^3He NMR at low temperatures" by A. Shames, V. Osipov and A. Panich, Phys. Chem. Chem. Phys. 2018, 20, DOI: 10.1039/c8cp03331e. Physical Chemistry Chemical Physics, 2018, 20, 27697-27699.	2.8	0