V V Kuzmin

List of Publications by Year
in descending order

30	234	1163117 8	1058476 14
papers	citations	h-index	g-index

31	31	31	127
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	The³He nuclear magnetic relaxation in nematically ordered Al₂O₃ aerogels: effects of ⁴He and nitrogen pre-plating. Journal of Physics Condensed Matter, 2021, 33, 195805.	1.8	1
3	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
4	Signal feedback applications in low-field NMR and MRI. Journal of Magnetic Resonance, 2020, 310, 106622.	2.1	3
5	Accounting for material imperfections in the design and optimization of low cost Halbach magnets. Review of Scientific Instruments, 2020, 91, 103904.	1.3	4
6	Peculiarities of magnetic ordering in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>S</mml:mi><mml:mo>=</mml:mo><mml:mn>5</mml:mn><mml:mr two-dimensional square-lattice antimonate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>NaMnSb</mml:mi><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>4</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2020, 101, .	3.2	4
7	Anisotropic reduced diffusion in dilute liquid ³Heâ€“⁴He mixture in ordered aerogel. Journal of Physics Condensed Matter, 2020, 33, 065101.	1.8	1
8	Spin kinetics of liquid 3He in an aerogelâ€“DyF3 nanoparticle system. Low Temperature Physics, 2019, 45, 1227-1230.	0.6	2
9	The home-built high-field multifunctional pulsed NMR spectrometer. Magnetic Resonance in Solids, 2019, 21, .	0.2	5
10	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
11	Reply to â€˜Comment on â€œAngstrom-scale probing of paramagnetic centers location in nanodiamonds by ³He NMR at low temperaturesâ€â€™ 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
12	The self-assembly of DyF3 nanoparticles synthesized by chloride-based route. Journal of Nanoparticle Research, 2018, 20, 1.	1.9	6
13	Spin Kinetics of Liquid 3He in Contact with a DyF3 Micropowder at Ferromagnetic Ordering of Dy3+ Ions. JETP Letters, 2018, 107, 111-114.	1.4	9
14	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
15	Anomalous nuclear spinâ€“lattice relaxation of 3ĐĐµ in contact with ordered Al2O3 aerogel. JETP Letters, 2016, 104, 315-318.	1.4	7
16	An improved shielded RF transmit coil for low-frequency NMR and MRI. Journal of Magnetic Resonance, 2015, 256, 70-76.	2.1	5
17	Size effect in the (PrF3 nanoparticles-3He) system. JETP Letters, 2013, 97, 579-582.	1.4	13
18	Experimental Setup for Observation the Boseâ€“Einstein Condensation of Magnons in Solid Antiferromagnets CsMnF3 and MnCO3. Applied Magnetic Resonance, 2013, 44, 595-603.	1.2	7

#	Article	IF	Citations
19	High-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>T</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math>Spin Superfluidity in Antiferromagnets. Physical Review Letters, 2012, 108, 177002.	7.8	49
20	Atomic type magnon Bose-Einstein condensation in antiferromagnet.. Journal of Physics: Conference Series, 2012, 400, 032001.	0.4	3
21	Low temperature adsorption of3He on silica aerogel surface and its influence on3He spin kinetics. Journal of Physics: Conference Series, 2011, 324, 012028.	0.4	4
22	Magnon Bose-Einstein condensation in CsMnF₃and MnCO₃. Journal of Physics: Conference Series, 2011, 324, 012006.	0.4	10
23	On the thermodynamic equilibrium in the 3He-aerogel system at low temperatures. JETP Letters, 2011, 93, 223-225.	1.4	4
24	Discovery of the classical Bose-Einstein condensation of magnons in solid antiferromagnets. JETP Letters, 2011, 94, 68-72.	1.4	27
25	Spin Kinetics of 3He in Contact with Synthesized PrF3 Nanoparticles. Journal of Low Temperature Physics, 2011, 162, 645-652.	1.4	16
26	NMR of Liquid 3He in Pores of a Clay Sample. Applied Magnetic Resonance, 2010, 38, 271-278.	1.2	7
27	The study of the system "Van Vleck paramagnet PrF₃-Helium-3". Journal of Physics: Conference Series, 2009, 150, 032019.	0.4	2
28	Pulse NMR of³He in aerogel at temperature 1.5 K. Journal of Physics: Conference Series, 2009, 150, 032043.	0.4	7
29	Nuclear magnetic relaxation of 3He in contact with an aerogel above the Fermi temperature. JETP Letters, 2008, 88, 823-827.	1.4	15
30	Study of anisotropic magnetic properties of LiTmF4in (001) plane by enhanced 169Tm NMR and magnetization measurements. Journal of Physics: Conference Series, 2006, 51, 135-138.	0.4	0