

Artem Feoktystov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	<p>NA@el-type Skyrmion Lattice in the Tetragonal Polar Magnet $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{VOSe} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{O} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 5 \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review Letters, 2017, 119, 237201.</p>	2.9	17
2	KWS-1: Small-angle scattering diffractometer. Journal of Large-scale Research Facilities JLSRF, 0, 1, A28.	0.0	52
3	Determination of Internal Density Profiles of Smart Acrylamide-Based Microgels by Small-Angle Neutron Scattering: A Multishell Reverse Monte Carlo Approach. Langmuir, 2018, 34, 15403-15415.	1.6	36
4	Influence of the cross-linker content on adsorbed functionalised microgel coatings. Polymer, 2019, 169, 29-35.	1.8	26
5	Mechanism of magnetization reduction in iron oxide nanoparticles. Nanoscale, 2021, 13, 6965-6976.	2.8	25
6	Inner structure and dynamics of microgels with low and medium crosslinker content prepared <i>via</i> surfactant-free precipitation polymerization and continuous monomer feeding approach. Soft Matter, 2019, 15, 6536-6546.	1.2	19
7	Field Dependence of Magnetic Disorder in Nanoparticles. Physical Review X, 2020, 10, .	2.8	19
8	Phase behavior of ultrasoft spheres show stable bcc lattices. Physical Review E, 2020, 102, 052602.	0.8	19
9	Contrast variation SANS measurement of shell monomer density profiles of smart core-shell microgels. Soft Matter, 2020, 16, 1922-1930.	1.2	17
10	Spatial distribution of core monomers in acrylamide-based core-shell microgels with linear swelling behaviour. Scientific Reports, 2019, 9, 13812.	1.6	14
11	SEOP polarized ^3He Neutron Spin Filters for the JCMS user program. Journal of Physics: Conference Series, 2016, 711, 012008.	0.3	12
12	Creating a synthetic platform for the encapsulation of nanocrystals with covalently bound polymer shells. Nanoscale, 2019, 11, 3847-3854.	2.8	12
13	Direct Observation of Cycloidal Spin Modulation and Field-induced Transition in NA@el-type Skyrmion-hosting VOSe_2O_5 . Journal of the Physical Society of Japan, 2021, 90, 024705.	0.7	12
14	Signature of antiphase boundaries in iron oxide nanoparticles. Journal of Applied Crystallography, 2021, 54, 1719-1729.	1.9	9
15	Grazing Incidence Small-Angle Neutron Scattering: Background Determination and Optimization for Soft Matter Samples. Applied Sciences (Switzerland), 2021, 11, 3085.	1.3	5
16	Effect of annealing conditions on the microstructure and magnetic properties of sintered Nd-Fe-B magnets as seen by magnetic small-angle neutron scattering. Materials Research Express, 2018, 5, 036110.	0.8	3
17	Anisometric mesoscale nuclear and magnetic texture in sintered Nd-Fe-B magnets. Physical Review Materials, 2020, 4, .	0.9	1