

Vladimir Nazarov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	One-dimensional dynamics of domain walls in a three-layer ferromagnetic structure with different parameters of magnetic anisotropy and exchange of the layers. <i>Physics of Metals and Metallography</i> , 2014, 115, 117-123.	1.0	9
2	Effect of the nonlinear longitudinal compression on the conformational dynamics of the bistable quasi-one-dimensional macromolecules. <i>JETP Letters</i> , 2007, 86, 497-501.	1.4	7
3	Non-linear longitudinal compression effect on dynamics of the transcription bubble in DNA. <i>Biophysical Chemistry</i> , 2016, 214-215, 47-53.	2.8	6
4	INFLUENCE OF AN EXTERNAL MAGNETIC FIELD ON THE DYNAMICS OF A NEW-PHASE NUCLEUS IN THE VICINITY OF THE FIRST-ORDER PHASE TRANSITION IN MAGNETS WITH DEFECTS PRESENT. <i>Modern Physics Letters B</i> , 2012, 26, 1250183.	1.9	5
5	Dynamics of two interacting 180° domain walls of different polarity in a uniaxial ferromagnet. <i>Physics of Metals and Metallography</i> , 2009, 107, 569-578.	1.0	4
6	Dynamics of conformational switchings of bistable quasi-one-dimensional macromolecules with nonlinear longitudinal stretching present. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 225202.	2.1	4
7	Complex Dynamics of the Cascade of Kink–Antikink Interactions in a Linear Defect of the Electroconvective Structure of a Nematic Liquid Crystal. <i>JETP Letters</i> , 2019, 110, 607-612.	1.4	4
8	Influence of one-dimensional defects on the new-phase nucleation dynamics near the first-order transition in magnets. <i>Physics of the Solid State</i> , 2012, 54, 298-304.	0.6	3
9	Structure and stationary dynamics of the interphase boundary in an La_2CuO_4 antiferromagnet. <i>Physics of the Solid State</i> , 2001, 43, 274-278.	0.6	2
10	Kink–Antikink Interaction in a Linear Defect of the Electroconvective Structure of a Nematic. <i>JETP Letters</i> , 2019, 109, 87-91.	1.4	2
11	Domain-wall mechanism of nucleation in a magnetic structural phase transition in La_2CuO_4 . <i>Physics of the Solid State</i> , 2002, 44, 338-344.	0.6	1
12	Dynamics of a magnetization-reversal nucleus in a ferromagnet. <i>Physics of Metals and Metallography</i> , 2006, 101, 309-319.	1.0	1
13	The Possibility of Controlling the Dynamics and Structure of a Magnetic Soliton in a Three-Layer Ferromagnetic Structure. <i>Technical Physics Letters</i> , 2021, 47, 499-502.	0.7	1
14	Effect of an external magnetic field on the dynamics of the nucleus of a new phase near the first-order phase transition in magnetics with defects. <i>Bulletin of the Russian Academy of Sciences: Physics</i> , 2013, 77, 1228-1230.	0.6	0
15	Multireflection propagation of conformational kinks in a two-component model of DNA as the transfer mode of the transcriptional replication fork. <i>European Biophysics Journal</i> , 2018, 47, 69-74.	2.2	0
16	Joint Effect of a Magnetic Field and a Spin-Polarized Current on the Coupled Dynamics of Magnetic Vortices in a Spin-Transfer Nano-Oscillator. <i>Technical Physics Letters</i> , 2021, 47, 843-845.	0.7	0