Leonid Li Stefanovich

List of Publications by Year
in descending order

27 papers	65 citations	1684188 5 h-index	1588992 8 g-index
27 all docs	27 docs citations	27 times ranked	15 citing authors

#	Article	IF	Citations
1	Pressure effect on the formation kinetics of ferroelectric domain structure under first order phase transitions. Physica D: Nonlinear Phenomena, 2021, 424, 132942.	2.8	11
2	Influence of quenching conditions on the kinetics of formation of a domain structure of ferroelectrics. Physics of the Solid State, 2015, 57, 576-585.	0.6	8
3	Formation and growth dynamics of domains under phase transitions in an external field. Low Temperature Physics, 1998, 24, 643-646.	0.6	7
4	Effect of the Degree of Overcooling on Relaxation of the Domain Structure of Triglycine Sulphate. Physics of the Solid State, 2019, 61, 1420-1424.	0.6	7
5	Effect of hydrostatic pressure on the kinetics of the ordering of ferroelectrics upon second-order phase transitions. Physics of the Solid State, 2015, 57, 1381-1387.	0.6	6
6	Effect of a weak external electric field on the kinetics of the ordering of ferroelectrics upon first-order phase transitions. Physics of the Solid State, 2016, 58, 1596-1604.	0.6	4
7	Influence of pressure on the kinetics of ferroelectric phase transition in BaTiO3. Physica A: Statistical Mechanics and Its Applications, 2022, 599, 127436.	2.6	4
8	Kinetics of uniform and nonuniform orderings accompanying second-order phase transitions. JETP Letters, 1996, 63, 983-988.	1.4	3
9	Hysteretic phenomena and switching effects under phase transitions in external field. Low Temperature Physics, 1999, 25, 24-27.	0.6	2
10	Kinetics of Polydomain Ordering at Second-Order Phase Transitions (by the Example of the AuCu3) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.2	2
11	Influence of adsorption or desorption and surface diffusion on the formation kinetics of open half-monolayer coverage. Physical Review E, 2014, 89, 062406.	2.1	2
12	The Formation of Regular Domain Structures in Ferroelectrics under Switching Polarization in High-nonequilibrium Conditions. Journal of Nano- and Electronic Physics, 2017, 9, 02032-1-02032-7.	0.5	2
13	Transition from spinodal decomposition to the stage of coalescence in undercooled glasses and solid solutions. Physica Status Solidi (B): Basic Research, 1996, 195, 137-148.	1.5	1
14	Kinetics of formation and growth of antiphase domains during second-order phase transitions. Journal of Experimental and Theoretical Physics, 1998, 86, 128-133.	0.9	1
15	Order Parameter Oscillations in a Bounded Solid Solution and Their Bifurcations upon Cooling. Physics of the Solid State, 2005, 47, 1740.	0.6	1
16	Stabilization of high-pressure phases in nanocrystalline metals and alloys. Bulletin of the Russian Academy of Sciences: Physics, 2009, 73, 1193-1198.	0.6	1
17	Relaxation processes of separation in the formation of open submonolayer films. Physics of the Solid State, 2013, 55, 1955-1962.	0.6	1
18	Physical and chemical transformations in gas coal samples influenced by the weak magnetic field. Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2019, , .	0.7	1

#	ARTICLE	IF	CITATIONS
19	Kinetics of the Formation of Ferroelectric Domain Structures upon Second-Order Phase Transition. , 2020, , .		1
20	Shock wave stability under the spinodal decomposition of binary mixtures. Technical Physics, 2003, 48, 7-14.	0.7	0
21	Analysis of oscillations of concentration in bounded binary mixtures taking into account surface effects. Technical Physics, 2007, 52, 1445-1452.	0.7	0
22	Ordering kinetics in bcc alloys with allowance for diffusion processes. Bulletin of the Russian Academy of Sciences: Physics, 2008, 72, 1162-1164.	0.6	0
23	Influence of Cracks and Pores in Coal on its Impedance Spectra. Journal of Engineering Physics and Thermophysics, 2018, 91, 886-894.	0.6	0
24	The Influence of Nonconductive Disk-Shaped Inclusions on the DC Conductivity of Materials. Technical Physics, 2021, 66, 196-200.	0.7	0
25	Self-organization of (NH4)2 SO4 and NH4 HSO4 Ferroelectric Domain Structure under Pressure at Phase Transition. , 2021, , .		0
26	Electrical Conductivity of Fractured Materials: Hydrodynamic Analogy. PrikladnaÃ¢ Mehanika, TehniÄeskaÃ¢ Fizika, 2022, 63, 153-161.	0.0	0
27	ELECTRICAL CONDUCTIVITY OF FRACTURED MATERIALS: HYDRODYNAMIC ANALOGY. Journal of Applied Mechanics and Technical Physics, 2022, 63, 132-138.	0.5	0