

Volodymyr I Ivanov

List of Publications by Year in descending order

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papers

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1684188

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all docs

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docs citations

23
times ranked

102
citing authors

#	ARTICLE	IF	CITATIONS
1	Spin relaxation and combined resonance in two-dimensional electron systems with spin-orbit disorder. <i>Physical Review B</i> , 2009, 80, .	3.2	31
2	Magnetoconductance of a semiconducting magnetic wire with a domain wall. <i>Physical Review B</i> , 2005, 71, .	3.2	29
3	Neutron diffraction studies of the negative thermal expansion in a layered indium selenide crystal. <i>Physics of the Solid State</i> , 2009, 51, 2342-2346.	0.6	9
4	Surface structure of unoxidized and oxidized Bi ₂ Se ₃ crystals. <i>Inorganic Materials</i> , 2010, 46, 1296-1298.	0.8	6
5	Influence of external factors on the self-organization of lead and tin telluride nanostructures on the BaF ₂ (111) surface under conditions close to the thermodynamic equilibrium. <i>Physics of the Solid State</i> , 2013, 55, 181-195.	0.6	5
6	Electrical properties of In ₂ Se ₃ ⊗Mn⊗ and InSe⊗Mn⊗ crystals. <i>Inorganic Materials</i> , 2012, 48, 103-105. 0.8	0.8	4
7	Nonlinear spin Hall effect in GaAs (110) quantum wells. <i>Physical Review B</i> , 2011, 84, .	3.2	3
8	Structure and electrical properties of In ₂ Se ₃ <Mn> layered crystals. <i>Semiconductor Physics, Quantum Electronics and Optoelectronics</i> , 2009, 12, 290-293.	1.0	3
9	Impedance and Photosensitivity Spectra of Nanocomposite Structures Based on Layered Semiconductor InSe and Ionic Salt RbNO ₃ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1800460.	1.8	1
10	Structure and Physical Properties of In ₂ Se ₃ <Mn>, InSe<Mn> and InSe<Fe> Layered Crystals. <i>Physics and Chemistry of Solid State</i> , 2015, 16, 44-48.	0.8	1
11	Preparation of Nanocomposite Magnetic Compounds Based on Layered Semiconductors by Means of Electrochemical Intercalation in a Gradient Magnetic Field. <i>Acta Physica Polonica A</i> , 2016, 130, 773-777.	0.5	1
12	Electrical properties of photosensitive n-SnS₂/p-InSe heterostructures fabricated by spray pyrolysis. <i>Functional Materials</i> , 2021, 28, .	0.1	0
13	Spin Hall Effect in a Two-Dimensional Electron Gas with Strong Rashba Spin-Orbit Interaction: Semiclassical Keldysh Approach. <i>Acta Physica Polonica A</i> , 2012, 122, 1059-1061.	0.5	0
14	Low-Impedance Investigations of Hydrogenated GaSe Layered Crystals. <i>Physics and Chemistry of Solid State</i> , 2015, 16, 654-657.	0.8	0
15	Physical properties of layered FeIn₂Se₄ single crystals. <i>Functional Materials</i> , 2016, 23, 557-560.	0.1	0
16	Relaxation Polarization in Hydrogenated GaSe Layered Crystals. <i>Physics and Chemistry of Solid State</i> , 2017, 18, 49-51.	0.8	0
17	Photoelectric Properties of Nanocomposite Ionotronic Structures Based on 2D Layered Semiconductor InSe and a Melt of Ionic RbNO ₃ Salt. <i>Journal of Nano- and Electronic Physics</i> , 2018, 10, 01020-1-01020-7.	0.5	0
18	Photocapacitor based on nanocomposite n-InSe <RbNO _{3Tekhnologiya I Konstruirovaniye V Elektronnoi Apparature, 2018, , 3-8.}	0.1	0

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19	Chemical Composition and Morphology of a Surface of Ionotron Nanostructures Fabricated on the Base of 2D Layered Crystals of InSe and Ionic RbNO ₃ Salt. Metallofizika I Noveishie Tekhnologii, 2018, 39, 1573-1587.	0.5	0
20	Formation of Graphite Nanostructures on the Surface of Layered n-InSe Crystal. Journal of Nano- and Electronic Physics, 2019, 11, 03038-1-03038-3.	0.5	0
21	Electrical Properties of Cd Doped InSe Crystals. Physics and Chemistry of Solid State, 2018, 19, 159-162.	0.8	0
22	Photosensitive n-Zn _{0.5} Cd _{0.5} O/p-InSe Heterostructures Prepared by Magnetron Sputtering. Journal of Nano- and Electronic Physics, 2021, 13, 05002-1-05002-4.	0.5	0
23	Influence of hydrogen on the electrical properties of n-inse. Journal of Physical Studies, 2020, 24, .	0.5	0