Oleg V Bovgyra

List of Publications by Year
in descending order

26	117	1478505 6	1372567 10
papers	citations	h-index	g-index

27	27	27	81
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ab Initio Study of Structural and Electronic Properties of (ZnO) n â€œMagicalâ€•Nanoclusters nâ€‰=â€‰(34, 60). Nanoscale Research Letters, 2017, 12, 76.	5.7	19
2	Specific Features of Content Dependences for Energy Gap in In_xTl_{1-x}I Solid State Crystalline Alloys. Acta Physica Polonica A, 2018, 133, 68-75.	0.5	16
3	A DFT study for adsorption of CO and H2 on Pt-doped ZnO nanocluster. SN Applied Sciences, 2020, 2, 1.	2.9	13
4	Energy band structure and refractive properties of LiRbSO4 crystals. Physics of the Solid State, 2006, 48, 1268-1272.	0.6	12
5	Elastic Properties of Substitutional Solid Solutions InxTl1-xI and Sound Wave Velocities in Them. Ukrainian Journal of Physics, 2017, 62, 679-684.	0.2	7
6	DFT study of electronic and magnetic properties of bare and substitutionally doped ZnO nanoribbons. , 2015, , .		6
7	First principle study of native point defects in (ZnO)n nanoclusters (nâ€‰=â€‰34, 60). Applied Nanoscience (Switzerland), 2019, 9, 1067-1074.	3.1	6
8	Birefringence of In_xTl_{1-x}I solid state solution. Functional Materials, 2017, 23, 026-030.	0.1	4
9	Lattice vibration spectra of A₄BX₆ group crystals. Journal of Physical Studies, 2018, 22, .	0.5	4
10	First-principles simulations of the electronic density of states for superionic Ag2CdI4 crystals. Solid State Ionics, 2011, 188, 31-35.	2.7	3
11	Temperature behavior of thermal expansion and birefringence of In x Tl1â€“Ñ… Ð†-substitution solid solutions. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2017, 123, 177-180.	0.6	3
12	Electronic Properties of Al-, Ga-, and In-Doped Armchair ZnO Nanoribbons. , 2019, , .		3
13	Electronic Structure, Optical and Sensor Properties of ZnO Nanowires. Journal of Nano- and Electronic Physics, 2016, 8, 02031-1-02031-5.	0.5	3
14	Anisotropy of inter-band transitions and band structure of Cs3Zn6B9O21 nonlinear optical crystals. Optical Materials, 2016, 56, 129-133.	3.6	2
15	Growth, crystal structure and optical properties of Al-doped ZnO thin films. Molecular Crystals and Liquid Crystals, 2021, 717, 72-79.	0.9	2
16	The band energy structure of RbKSO_{4} crystals. Condensed Matter Physics, 2007, 10, 39.	0.7	2
17	Nonlocal Model Pseudopotential Calculations of the Electronic Structure of AIIBVI (CdS, CdSe) Bulk Crystals and Nanocrystals. Journal of Nano- and Electronic Physics, 2017, 9, 02030-1-02030-7.	0.5	2
18	Optical constants of indium bromide. Low Temperature Physics, 2001, 27, 153-157.	0.6	1

#	Article	IF	Citations
19	Fast intrinsic emission in single crystal. Radiation Measurements, 2007, 42, 869-873.	1.4	1
20	Band Structure and Birefringence of RbKSO4 Crystals. Journal of Applied Spectroscopy, 2015, 82, 755-759.	0.7	1
21	First principle study of electronic properties of ZnO nanoclusters with native point defects during gas adsorption. Applied Nanoscience (Switzerland), 2022, 12, 983-993.	3.1	1
22	Structure and electronic properties of CsPbBr3 perovskite: first principle calculations. Journal of Physical Studies, 2021, 25, .	0.5	1
23	Manifestation of the ferroelastoelectric phase transition in the absorption spectra of (NH4)2CuCl4Ã—2Ð²Ðž crystals. Physica B: Condensed Matter, 2022, , 413929.	2.7	1
24	Piezo-optical properties of incommensurately modulated Rb2ZnCl4 crystals. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2015, 118, 547-551.	0.6	0
25	Structural, Electronic and Optical Properties of CsPbBr3 and CH3NH3PbBr3: First-Principles Modeling. , 2021, , .		0
26	Title is missing!. Ukrainian Journal of Physical Optics, 2000, 1, 49-52.	13.0	0