

Borys Turko

List of Publications by Year in descending order

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35
papers

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times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultraviolet electroluminescence of LED devices based on n-ZnO nanorods grown by various methods and p-GaN films. Journal of Physical Studies, 2021, 25, .	0.5	1
2	Microprocessor System as Analyzing Complex of Gas and Vapour Sensors. , 2021, , .		0
3	Optical properties of composite structure based on ZnO microneedles and Alq3 thin film. Optical and Quantum Electronics, 2021, 53, 1.	3.3	3
4	Formation of oriented luminescent organic thin films on modified polymer substrate. Applied Nanoscience (Switzerland), 2020, 10, 2791-2796.	3.1	2
5	Zinc oxide: reduced graphene oxide nanocomposite film for heterogeneous photocatalysis. Optical and Quantum Electronics, 2020, 52, 1.	3.3	11
6	Alignment of luminescent liquid crystalline molecules on modified PEDOT:PSS substrate. Applied Nanoscience (Switzerland), 2020, 10, 5063-5068.	3.1	1
7	ZnO microrods as an effective material for photoelectrocatalytic water purification. Journal of Physical Studies, 2020, 24, .	0.5	1
8	Nanostructured CuO Thin Film for Nonlinear Optical Applications. , 2019, , .		2
9	Electroluminescence from n-ZnO microdisks/p-GaN heterostructure. Optical and Quantum Electronics, 2019, 51, 1.	3.3	12
10	Effect of non-resonant polarized laser irradiation on the formation of nanostructured organic thin films. Applied Nanoscience (Switzerland), 2019, 9, 809-814.	3.1	2
11	Photoluminescence Study of ZnO Nanostructures Grown by Hydrothermal Method. Journal of Nano- and Electronic Physics, 2018, 10, 02002-1-02002-4.	0.5	2
12	Photocatalytic properties of zinc oxide-porous silicon nanocomposite photocatalyst. Journal of Physical Studies, 2018, 22, .	0.5	5
13	Photocatalytic properties of zinc oxide nanorods grown by different methods. Optical and Quantum Electronics, 2017, 49, 1.	3.3	13
14	Thermally Stimulated Luminescence of ZnO Nanowires. Journal of Nano- and Electronic Physics, 2017, 9, 02018-1-02018-3.	0.5	1
15	Effect of vacuumization on the photoluminescence and photoresponse decay of the zinc oxide nanostructures grown by different methods. Optical Materials, 2016, 56, 71-74.	3.6	10
16	Thermal Conductivity of Zinc Oxide Micro- and Nanocomposites. Journal of Nano- and Electronic Physics, 2016, 8, 02004-1-02004-4.	0.5	7
17	Effect of Dopants and Surface Morphology on the Absorption Edge of ZnO Films DOPED with in, Al, and Ga. Journal of Applied Spectroscopy, 2015, 82, 153-156.	0.7	12
18	Mechanical properties of steel 20 at small deformations. Physics of the Solid State, 2015, 57, 1569-1573.	0.6	1

#	ARTICLE	IF	CITATIONS
19	Room-temperature ultraviolet laser emission from ZnO hexagonal microprisms. , 2014, , .		0
20	LEDs based on p-type ZnO nanowires synthesized by electrochemical deposition method. Physica Status Solidi C: Current Topics in Solid State Physics, 2014, 11, 1501-1504.	0.8	10
21	p-ZnO nanowires – A promising material for the fabrication of vacuum pressure sensors. Semiconductors, 2014, 48, 1395-1398.	0.5	6
22	Photo- and thermostimulated luminescence of ZnO nanowires. Journal of Applied Spectroscopy, 2013, 80, 240-243.	0.7	3
23	Current-voltage characteristics of MDM and MDSCM structures on basis of lithium borates. , 2012, , .		0
24	Pulse X-ray conductivity of MDM and MDSCM structures on basis of lithium borates. , 2012, , .		0
25	Ellipsometric studies of optical properties of copper doped zinc oxide films on glass substrates. Journal of Alloys and Compounds, 2012, 518, 96-100.	5.5	13
26	Influence of technological factors on conductivity and dielectric dispersion in ZnO nanocrystalline thin films. Journal of Alloys and Compounds, 2012, 531, 64-69.	5.5	4
27	Absorption spectra of ZnO:Li thin films in the region of a phase transition. Journal of Applied Spectroscopy, 2011, 78, 610-613.	0.7	0
28	Influence of Ag, Cu dopants on the second and third harmonic response of ZnO films. Journal of Alloys and Compounds, 2009, 481, 819-825.	5.5	73
29	Second and third order nonlinear optical properties of nanostructured ZnO thin films deposited on Li-BBO and LiNbO ₃ . Optics Communications, 2008, 281, 6107-6111.	2.1	34
30	Exciton spectra of the nanostructured zinc oxide. Journal of Physical Studies, 2008, 12, .	0.5	3
31	Optical SHG for ZnO films with different morphology stimulated by UV-laser thermotreatment. Journal of Physics: Conference Series, 2007, 79, 012001.	0.4	20
32	Second and third order nonlinear optical properties of microrod ZnO films deposited on sapphire substrates by thermal oxidation of metallic zinc. Journal of Applied Physics, 2007, 102, 113113.	2.5	60
33	Influence of size effect and sputtering conditions on the crystallinity and optical properties of ZnO thin films. Optics Communications, 2007, 269, 346-350.	2.1	57
34	Manifestation of a size effect in the behavior of the intrinsic absorption edge of nanostructured polycrystalline zinc oxide thin films. Journal of Applied Spectroscopy, 2007, 74, 310-312.	0.7	3
35	Investigation of the intrinsic absorption edge in nanostructured polycrystalline zinc oxide thin films. Journal of Applied Spectroscopy, 2006, 73, 222-226.	0.7	3