

Borys Turko

List of Publications by Year in descending order

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35
papers

375
citations

933447

10
h-index

794594

19
g-index

35
all docs

35
docs citations

35
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Second and third order nonlinear optical properties of nanostructured ZnO thin films deposited on $\hat{\pm}$ -BBO and LiNbO ₃ . Optics Communications, 2008, 281, 6107-6111.	2.1	34
5	Optical SHG for ZnO films with different morphology stimulated by UV-laser thermotreatment. Journal of Physics: Conference Series, 2007, 79, 012001.	0.4	20
6	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
7	Photocatalytic properties of zinc oxide nanorods grown by different methods. Optical and Quantum Electronics, 2017, 49, 1.	3.3	13
8	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
9	Electroluminescence from n-ZnO microdisks/p-GaN heterostructure. Optical and Quantum Electronics, 2019, 51, 1.	3.3	12
10	Zinc oxide: reduced graphene oxide nanocomposite film for heterogeneous photocatalysis. Optical and Quantum Electronics, 2020, 52, 1.	3.3	11
11	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
12	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
13	Thermal Conductivity of Zinc Oxide Micro- and Nanocomposites. Journal of Nano- and Electronic Physics, 2016, 8, 02004-1-02004-4.	0.5	7
14	p-ZnO nanowiresâ€™A promising material for the fabrication of vacuum pressure sensors. Semiconductors, 2014, 48, 1395-1398.	0.5	6
15	Photocatalytic properties of zinc oxide-porous silicon nanocomposite photocatalyst. Journal of Physical Studies, 2018, 22, .	0.5	5
16	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
17	Investigation of the intrinsic absorption edge in nanostructured polycrystalline zinc oxide thin films. Journal of Applied Spectroscopy, 2006, 73, 222-226.	0.7	3
18	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

#	ARTICLE	IF	CITATIONS
19	Photo- and thermostimulated luminescence of ZnO nanowires. Journal of Applied Spectroscopy, 2013, 80, 240-243.	0.7	3
20	Optical properties of composite structure based on ZnO microneedles and Alq3 thin film. Optical and Quantum Electronics, 2021, 53, 1.	3.3	3
21	Exciton spectra of the nanostructured zinc oxide. Journal of Physical Studies, 2008, 12, .	0.5	3
22	Nanostructured CuO Thin Film for Nonlinear Optical Applications. , 2019, , .		2
23	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
24	Formation of oriented luminescent organic thin films on modified polymer substrate. Applied Nanoscience (Switzerland), 2020, 10, 2791-2796.	3.1	2
25	Photoluminescence Study of ZnO Nanostructures Grown by Hydrothermal Method. Journal of Nano- and Electronic Physics, 2018, 10, 02002-1-02002-4.	0.5	2
26	Mechanical properties of steel 20 at small deformations. Physics of the Solid State, 2015, 57, 1569-1573.	0.6	1
27	Alignment of luminescent liquid crystalline molecules on modified PEDOT:PSS substrate. Applied Nanoscience (Switzerland), 2020, 10, 5063-5068.	3.1	1
28	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
29	Thermally Stimulated Luminescence of ZnO Nanowires. Journal of Nano- and Electronic Physics, 2017, 9, 02018-1-02018-3.	0.5	1
30	ZnO microrods as an effective material for photoelectrocatalytic water purification. Journal of Physical Studies, 2020, 24, .	0.5	1
31	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
32	Current-voltage characteristics of MDM and MDSCM structures on basis of lithium borates. , 2012, , .		0
33	Pulse X-ray conductivity of MDM and MDSCM structures on basis of lithium borates. , 2012, , .		0
34	Room-temperature ultraviolet laser emission from ZnO hexagonal microprisms. , 2014, , .		0
35	Microprocessor System as Analyzing Complex of Gas and Vapour Sensors. , 2021, , .		0