

Ivan Panyaev

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

104
citations

1684188

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1372567

10
g-index

22
all docs

22
docs citations

22
times ranked

47
citing authors

#	ARTICLE	IF	CITATIONS
1	Four-layer nanocomposite structure as an effective optical waveguide switcher for near-IR regime. Journal Physics D: Applied Physics, 2016, 49, 435103.	2.8	22
2	Spectral properties of nonlinear surface polaritons of mid IR range in a «semiconductor» layered metamaterial structure. Computer Optics, 2017, 41, 183-191.	2.2	20
3	One-dimensional dielectric bi-periodic photonic structures based on ternary photonic crystals. Journal of Applied Physics, 2018, 123, 043101.	2.5	17
4	Dispersive properties of optical TM-type surface polaritons at a nonlinear semiconductor nanocomposite (BLIG/GGG) interface. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 220.	2.1	10
5	One-dimensional multiperiodic photonic structures: A new route in photonics (four-component) Tj ETQq1 1 0.784314 rgBT / Overlock	2.5	10
6	Complex waveguide based on a magneto-optic layer and a dielectric photonic crystal. Superlattices and Microstructures, 2016, 100, 45-56.	3.1	4
7	Difference-Frequency Generation of THz Radiation via Parametric Three-Wave Interaction in CdTe and ZnTe Crystals. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2018, 124, 712-719.	0.6	4
8	Three-periodic 1D photonic crystals for designing the photonic optical devices operating in the infrared regime. Applied Optics, 2021, 60, 1943.	1.8	4
9	Laser generation and amplification of TE and TM modes in a semiconductor optical GaAs waveguide with distributed feedback generated by a space charge wave. Optics Communications, 2020, 459, 125026.	2.1	3
10	Optical properties of a four-layer waveguiding nanocomposite structure in near-IR regime. Optical and Quantum Electronics, 2016, 48, 1.	3.3	2
11	Difference frequency generation of narrow-band THz radiation on the basis of a parametric three-wave interaction in a ZnTe crystal. Optics Communications, 2018, 426, 395-400.	2.1	2
12	Two-frequency laser with distributed feedback formed by a space charge wave. Optical and Quantum Electronics, 2019, 51, 1.	3.3	2
13	Optical waveguide on the basis of a layered magnetoactive metamaterial. Computer Optics, 2018, 42, 807-815.	2.2	2
14	Multiperiodic one-dimensional photonic crystals. , 2020, , 103-124.		1
15	Energy flux optimization in 1D multiperiodic four-component photonic crystals. Optics Communications, 2021, 489, 126875.	2.1	1
16	Hybrid magnetic waveguide and dielectric photonic crystal structure. , 2015, , .		0
17	Magneto-optic waveguide and dielectric photonic crystal as a new complex structure for photonics. , 2016, , .		0
18	Complex photonic structure based on magneto-optic waveguide and photonic crystal. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Optical surface polaritons of TM type at the nonlinear semiconductorâ€™nanocomposite interface. Physics of the Solid State, 2016, 58, 592-600.	0.6	0
20	Transmission spectra of one-dimensional bi-periodic photonic crystals. , 2017, , .		0
21	Multi-periodic one-dimensional photonic crystals. , 2018, , .		0