Ivan Panyaev

List of Publications by Year
in descending order

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21	104	1684188 5	1372567 10
papers	citations	h-index	g-index

22	22	22	47
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Three-periodic 1D photonic crystals for designing the photonic optical devices operating in the infrared regime. Applied Optics, 2021, 60, 1943.	1.8	4
2	Energy flux optimization in 1D multiperiodic four-component photonic crystals. Optics Communications, 2021, 489, 126875.	2.1	1
3	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
4	Multiperiodic one-dimensional photonic crystals. , 2020, , 103-124.		1
5	Two-frequency laser with distributed feedback formed by a space charge wave. Optical and Quantum Electronics, 2019, 51, 1.	3.3	2
6	One-dimensional multiperiodic photonic structures: A new route in photonics (four-component) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	2.5	10
7	One-dimensional dielectric bi-periodic photonic structures based on ternary photonic crystals. Journal of Applied Physics, 2018, 123, 043101.	2.5	17
8	Multi-periodic one-dimensional photonic crystals. , 2018, , .		0
9	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
10	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
11	Optical waveguide on the basis of a layered magnetoactive metamaterial. Computer Optics, 2018, 42, 807-815.	2.2	2
12	Transmission spectra of one-dimensional bi-periodic photonic crystals. , 2017, , .		0
13	Spectral properties of nonlinear surface polaritons of mid IR range in a Â«semiconductorâ€“layered metamaterialÂ» structure. Computer Optics, 2017, 41, 183-191.	2.2	20
14	Magneto-optic waveguide and dielectric photonic crystal as a new complex structure for photonics. , 2016, , .		0
15	Optical properties of a four-layer waveguiding nanocomposite structure in near-IR regime. Optical and Quantum Electronics, 2016, 48, 1.	3.3	2
16	Complex photonic structure based on magneto-optic waveguide and photonic crystal. , 2016, , .		0
17	Dispersive properties of optical TM-type surface polaritons at a nonlinear semiconductorâ€“nanocomposite (BLIG/GGG) interface. Journal of the Optical Society of America B: Optical Physics, 2016, 33, 220.	2.1	10
18	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

#	Article	IF	Citations
19	Complex waveguide based on a magneto-optic layer and a dielectric photonic crystal. Superlattices and Microstructures, 2016, 100, 45-56.	3.1	4
20	Optical surface polaritons of TM type at the nonlinear semiconductorâ€“nanocomposite interface. Physics of the Solid State, 2016, 58, 592-600.	0.6	0
21	Hybrid magnetic waveguide and dielectric photonic crystal structure. , 2015, , .		0