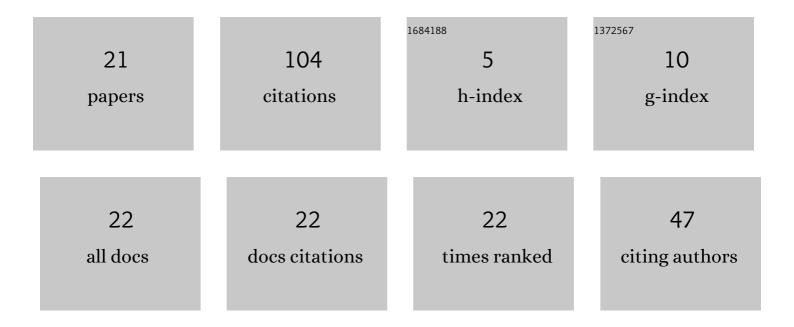
Ivan Panyaev

List of Publications by Year in descending order

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Version: 2024-02-01



#	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 rgI	BT /Overlo	ck <u>10</u> Tf 50 5

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 «semiconductor–layered		
10	metamaterial» structure. Computer Optics, 2017, 41, 183-191.	2.2	20
13	metamaterialÄ» structure. Computer Optics, 2017, 41, 183-191. Magneto-optic waveguide and dielectric photonic crystal as a new complex structure for photonics. , 2016, , .	2.2	20 0
	metamaterial» structure. Computer Optics, 2017, 41, 183-191. Magneto-optic waveguide and dielectric photonic crystal as a new complex structure for photonics. ,	2.2 3.3	
14	metamaterial» structure. Computer Optics, 2017, 41, 183-191. Magneto-optic waveguide and dielectric photonic crystal as a new complex structure for photonics. , 2016, , . Optical properties of a four-layer waveguiding nanocomposite structure in near-IR regime. Optical and		0
14 15	 metamaterial» structure. Computer Optics, 2017, 41, 183-191. Magneto-optic waveguide and dielectric photonic crystal as a new complex structure for photonics. , 2016, , . Optical properties of a four-layer waveguiding nanocomposite structure in near-IR regime. Optical and Quantum Electronics, 2016, 48, 1. 		0 2

#	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 semiconductor–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