Aleksandr S Korsakov

List of Publications by Year
in descending order

15	133	1478505 6	1199594 12
papers	citations	h-index	g-index

15	15	15	22
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure modeling and growing AgClÑ…Br1â^'Ñ…, Ag1â^'xTlxBr1â^'xIx, and Ag1â^'xTlxClyIzBr1â^'yâ^'z crystals for infrared fiber optics. Journal of Crystal Growth, 2014, 386, 94-99.	1.5	26
2	Investigating the optical properties of polycrystalline AgCl_1â^'xBr_x (0â‰¤xâ‰¤1) and Ag_095Tl_005Br_095I_005 for IR engineering. Applied Optics, 2015, 54, 8004.	2.1	22
3	IR spectroscopic determination of the refractive index of Ag 1â^'x Tl x Br 1â^'0.54x I 0.54x (0 â©½ x â©½ 0.05) crystals. Optics and Laser Technology, 2017, 93, 18-23.	4.6	16
4	Refractive index dispersion of AgCl1-xBrx (0â‰¤xâ‰¤1) and Ag1-xTlxBr1-xIx (0â‰¤xâ‰¤0.05). Optical Materials, 2017, 64, 40-46.	3.6	13
5	Stability of MIR transmittance of silver and thallium halide optical fibres in ionizating Î²- and Î³-radiation from nuclear reactors. Infrared Physics and Technology, 2018, 93, 171-177.	2.9	12
6	Photonic crystalline IR fibers for the spectral range of 2â€“40ÂĨ¼m. Applied Optics, 2012, 51, 2414.	1.8	11
7	Measuring spectral transmission and refractive index of AgCl1â^'xBrx (0â©½xâ©½1) and Ag1â^'xTlxBr1â^'xIx (0â©½xâ©½0.05) at the wavelength of 10.6Î¼m. Optical Materials, 2015, 50, 204-207.	3.6	7
8	Antireflective coating for AgBr-TlI and AgBr-TlBr0.46I0.54 solid solution crystals. Optical Materials, 2016, 62, 534-537.	3.6	7
9	MIR imaging bundles of ordered silver halide polycrystalline fibres for thermal transmission and imaging. Journal of Thermal Analysis and Calorimetry, 2020, 142, 245-253.	3.6	6
10	Structure modeling and manufacturing PCFs for the range of 2â€“25ÂĨ¼m. Optical Materials, 2017, 73, 337-342.	3.6	5
11	Single-mode square-grid MOFs with enlarged mode field intended for the middle infrared. Optical Materials, 2020, 100, 109652.	3.6	3
12	Laser Systems Supplied with Silver Halide Fibres for Laser-Surgery Angioplasty. , 2019, , .		2
13	Polarisation changes in guided infrared thermography using silver halide poly-crystalline mid-infrared fibre bundle. Journal of Thermal Analysis and Calorimetry, 2020, 142, 1115-1122.	3.6	2
14	Arrays of microstructured MIR fibers based on silver halides for medical applications. , 2019, , .		1
15	Fiber probe for the spectral range of 2-45 Î¼m for IR-Fourier spectrometer. , 2013, , .		0