

# Aleksandr S Korsakov

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6819743/publications.pdf>

Version: 2024-02-01

15  
papers

133  
citations

1478505

6  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

22  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarisation changes in guided infrared thermography using silver halide poly-crystalline mid-infrared fibre bundle. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 1115-1122.	3.6	2
2	MIR imaging bundles of ordered silver halide polycrystalline fibres for thermal transmission and imaging. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 142, 245-253.	3.6	6
3	Single-mode square-grid MOFs with enlarged mode field intended for the middle infrared. <i>Optical Materials</i> , 2020, 100, 109652.	3.6	3
4	Laser Systems Supplied with Silver Halide Fibres for Laser-Surgery Angioplasty. , 2019, , .		2
5	Arrays of microstructured MIR fibers based on silver halides for medical applications. , 2019, , .		1
6	Stability of MIR transmittance of silver and thallium halide optical fibres in ionizing $\hat{I}^2$ - and $\hat{I}^3$ -radiation from nuclear reactors. <i>Infrared Physics and Technology</i> , 2018, 93, 171-177.	2.9	12
7	IR spectroscopic determination of the refractive index of $Ag_{1-x}Tl_xBr_{0.54x}I_{0.54x}$ ( $0 \leq x \leq 0.05$ ) crystals. <i>Optics and Laser Technology</i> , 2017, 93, 18-23.	4.6	16
8	Structure modeling and manufacturing PCFs for the range of $2 \leq \lambda \leq 25 \mu m$ . <i>Optical Materials</i> , 2017, 73, 337-342.	3.6	5
9	Refractive index dispersion of $AgCl_{1-x}Br_x$ ( $0 \leq x \leq 1$ ) and $Ag_{1-x}Tl_xBr_{1-x}$ ( $0 \leq x \leq 0.05$ ). <i>Optical Materials</i> , 2017, 64, 40-46.	3.6	13
10	Antireflective coating for $AgBr-TlI$ and $AgBr-TlBr_{0.46}I_{0.54}$ solid solution crystals. <i>Optical Materials</i> , 2016, 62, 534-537.	3.6	7
11	Investigating the optical properties of polycrystalline $AgCl_{1-x}Br_x$ ( $0 \leq x \leq 1$ ) and $Ag_{0.95}Tl_{0.05}Br_{0.95}I_{0.05}$ for IR engineering. <i>Applied Optics</i> , 2015, 54, 8004.	2.1	22
12	Measuring spectral transmission and refractive index of $AgCl_{1-x}Br_x$ ( $0 \leq x \leq 1$ ) and $Ag_{1-x}Tl_xBr_{1-x}$ ( $0 \leq x \leq 0.05$ ) at the wavelength of $10.6 \mu m$ . <i>Optical Materials</i> , 2015, 50, 204-207.	3.6	7
13	Structure modeling and growing $AgCl_{1-x}Br_x$ , $Ag_{1-x}Tl_xBr_{1-x}$ , and $Ag_{1-x}Tl_xCl_yI_zBr_{1-x-y-z}$ crystals for infrared fiber optics. <i>Journal of Crystal Growth</i> , 2014, 386, 94-99.	1.5	26
14	Fiber probe for the spectral range of $2-45 \mu m$ for IR-Fourier spectrometer. , 2013, , .		0
15	Photonic crystalline IR fibers for the spectral range of $2 \leq \lambda \leq 40 \mu m$ . <i>Applied Optics</i> , 2012, 51, 2414.	1.8	11