

# Yury A Shakir

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Temperature Dependence of Selective Emission Intensity of the R1 Line upon Laser Thermal Heating of Ruby. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2020, 128, 695-697.	0.2	2
2	Spectra and Kinetics of YAG:0.5%Er <sup>3+</sup> Radiation Under Pulsed Laser Thermal Excitation. Journal of Applied Spectroscopy, 2017, 84, 751-756.	0.3	1
3	Emission spectra of YAG:Er <sup>3+</sup> under pulse laser-thermal excitation. EPJ Web of Conferences, 2017, 132, 03051.	0.1	0
4	Mechanisms of loss formation in nonlinear optical crystals ZnGeP <sub>2</sub> in the terahertz frequency range. Physics of the Solid State, 2014, 56, 1391-1396.	0.2	13
5	Kinetics of Er <sup>3+</sup> emission under laser-thermal excitation of Er <sup>2+</sup> O <sup>3</sup> , 2014, , .		0
6	Parametric oscillation of high-power 3-THz pulse by synchronously pumped ZnGeP <sub>2</sub> crystal: Computer simulation. Physics of Wave Phenomena, 2010, 18, 240-244.	0.3	1
7	Simulation of parametric oscillation in the submillimeter range at pumping of the ZnGeP <sub>2</sub> crystal by a train of 100-ps high-power pulses. Physics of Wave Phenomena, 2009, 17, 233-240.	0.3	1
8	Modelling half-cycle pulse generation in ZnGeP <sub>2</sub> crystal. Journal Physics D: Applied Physics, 2002, 35, 1477-1480.	1.3	5
9	<title>Nonstationary mixing in AgGaSe<math>\langle \inf \langle \roman \rangle 2 \langle /roman \rangle \langle /inf \rangle \langle /math \rangle</title>. , 2001, 4353, 121.		0
10	High-power CO <sub>2</sub> laser radiation conversion by means of AgGaSe <sub>2</sub> and AgGa(1-x)In(x)Se <sub>2</sub> crystals. , 2000, 3889, 538.		0
11	<title>Efficiency of difference frequency generation with ZnGeP<math>\langle \inf \langle \roman \rangle 2 \langle /roman \rangle \langle /inf \rangle \langle /math \rangle</title>. , 1999, , .		3
12	Submillimeter-wave generation with ZnGeP <sub>2</sub> crystals. , 1998, , .		5
13	Far infrared generation by CO <sub>2</sub> lasers frequencies subtraction in a ZnGeP <sub>2</sub> crystal. Journal of Infrared, Millimeter and Terahertz Waves, 1996, 17, 1465-1472.	0.6	5
14	Subtraction of the CO <sub>2</sub> laser radiation frequencies in a ZnGeP <sub>2</sub> crystal. Quantum Electronics, 1996, 26, 469-470.	0.3	11
15	Carbon dioxide laser with an active medium containing tripropylamine. Soviet Journal of Quantum Electronics, 1979, 9, 694-699.	0.1	5
16	Transformation of CO <sub>2</sub> laser emission into submillimeter range for gas analysis of the atmosphere. , 0, , .		0