

Yury A Shakir

List of Publications by Year in descending order

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16
papers

52
citations

1936888

4
h-index

1719596

7
g-index

16
all docs

16
docs citations

16
times ranked

32
citing authors

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