

Ilya A Ozheredov

List of Publications by Year in descending order

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25
papers

376
citations

1464605

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1051228

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26
all docs

26
docs citations

26
times ranked

409
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular crystal (GUHP) for narrow-band pulsed THz generation with NIR femtosecond laser. , 2021, , .		0
2	Terahertz dielectric properties of guanylurea hydrogen phosphite crystal. , 2021, , .		0
3	A monoclinic semiorganic molecular crystal GUHP for terahertz photonics and optoelectronics. Scientific Reports, 2021, 11, 23433.	1.6	3
4	Assessment of the degree of hydration of ocular surface tissues using THz reflectometry. Quantum Electronics, 2020, 50, 61-68.	0.3	10
5	Optical Properties of Photobleached DAST Molecular Crystals in Terahertz Domain. Journal of Infrared, Millimeter, and Terahertz Waves, 2020, 41, 1082-1088.	1.2	1
6	Potential clinical applications of terahertz reflectometry for the assessment of the tear film stability. Optical Engineering, 2020, 59, 1.	0.5	7
7	The Growth and Properties of Guanylurea Hydrogen Phosphite Crystal. Crystallography Reports, 2019, 64, 669-677.	0.1	6
8	New approach to terahertz diagnostics of human psychoemotional state. Quantum Electronics, 2019, 49, 70-77.	0.3	7
9	Terahertz Response from a Silicon Surface with Deposited Nanosized Gold Particles. Optoelectronics, Instrumentation and Data Processing, 2019, 55, 468-473.	0.2	0
10	Evaluation of the psychoemotional human state via terahertz image of the face. , 2019, , .		1
11	A Multi-Frequency Terahertz Quantum-Cascade Laser for Atmospheric Probing and Detection of Small Impurities. Moscow University Physics Bulletin (English Translation of Vestnik Moskovskogo) Tj ETQq1 1 0.7843140gBT /Overlock 10		10
12	<i>In vivo</i> THz sensing of the cornea of the eye. Laser Physics Letters, 2018, 15, 055601.	0.6	38
13	Terahertz biophotonics as a tool for studies of dielectric and spectral properties of biological tissues and liquids. Progress in Quantum Electronics, 2018, 62, 1-77.	3.5	204
14	A flexible terahertz waveguide for delivery and filtering of quantum-cascade laser radiation. Applied Physics Letters, 2018, 113, .	1.5	7
15	Application of a Terahertz Multi-Frequency Radiation Source Based on Quantum-Cascade Lasers for Identification of Substances Basing on the Amplitude-Spectral Analysis of the Scattered Field. Radiophysics and Quantum Electronics, 2018, 60, 877-888.	0.1	2
16	Terahertz Heterodyne Receiver with an Electron-Heating Mixer and a Heterodyne Based on the Quantum-Cascade Laser. Radiophysics and Quantum Electronics, 2017, 60, 518-524.	0.1	3
17	Interaction of High-Intensity Femtosecond Radiation With Gas Cluster Beam: Effect of Pulse Duration on Joint Terahertz and X-Ray Emission. IEEE Transactions on Terahertz Science and Technology, 2017, 7, 70-79.	2.0	29
18	A terahertz spectroscopic study of chitosan-based bionanocomposites containing clay nanoparticles. Colloid Journal, 2016, 78, 189-195.	0.5	5

#	ARTICLE	IF	CITATIONS
19	Characteristic responses of biological and nanoscale systems in the terahertz frequency range. Quantum Electronics, 2014, 44, 614-632.	0.3	40
20	Femtosecond frequency doubling in PPLN crystal in Laue scheme. Proceedings of SPIE, 2007, , .	0.8	0
21	Selfaction effects of femtosecond laser pulses in dye-doped 5CB liquid crystal. Laser Physics Letters, 2006, 3, 357-361.	0.6	8
22	Light-induced director reorientation in nematic liquid crystal under femtosecond pulses. , 2002, , .		2
23	Optical diffraction and second harmonic generation with femtosecond laser pulses in chiral Sm-C* liquid crystals. , 1999, , .		1
24	<title>Femtosecond microspectrophotometer for measurement of efficient yield of two-photon photoreactions</title>. , 1998, , .		1
25	Dye laser with intracavity Kerr nonlinearity. , 1996, , .		0