

Vladimir Vn Vasilev

List of Publications by Year in descending order

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53
papers

207
citations

1163117

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all docs

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docs citations

53
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Optical Gradient Waveguides in Photo-Thermo-Refractive Glass Formed by Ion Exchange Method. Journal of Lightwave Technology, 2015, 33, 3730-3735.	4.6	25
2	Sideband quantum communication at 1â€™%â€™Mbit/s on a metropolitan area network. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2017, 84, 362.	0.4	19
3	Photostructurable photo-thermo-refractive glass. Optics Express, 2016, 24, 4563.	3.4	18
4	Luminescent glass fiber sensors for ultraviolet radiation detection by the spectral conversion. Optical Engineering, 2015, 54, 117107.	1.0	16
5	Transparent bactericidal ZnO nanocoatings. Journal of Materials Science: Materials in Medicine, 2017, 28, 102.	3.6	16
6	Photoactive ZnO nanosuspension for intensification of organics contaminations decomposition. Chemical Engineering and Processing: Process Intensification, 2018, 134, 45-50.	3.6	16
7	Photoâ€™thermoâ€™Refractive Glasses Doped with Silver Molecular Clusters as Luminescence Downshifting Material for Photovoltaic Applications. Particle and Particle Systems Characterization, 2018, 35, 1800141.	2.3	11
8	Luminescent properties of fluorophosphate glasses with lead chalcogenides molecular clusters. Journal of Luminescence, 2015, 162, 36-40.	3.1	10
9	Ways of increasing the response rate of electrically controlled optical devices based on nematic liquid crystals. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2010, 77, 79.	0.4	8
10	New luminescent glasses and prospects of using them in solar energy. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2013, 80, 635.	0.4	8
11	Virtual-display optical devices. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2013, 80, 274.	0.4	8
12	Multilevel optical information recording in silver-containing photosensitive glasses by UV laser pulses. Optical Engineering, 2017, 56, 047104.	1.0	7
13	Transparent nanocrystalline ZnO and ZnO:Al coatings obtained through ZnS sols. Optical Materials, 2017, 73, 712-717.	3.6	6
14	Optical response from dual-frequency hybrid-aligned nematic liquid crystal cells. Technical Physics, 2012, 57, 644-648.	0.7	5
15	A high spectral resolution spectrograph with fiber input for the Big Azimuthal Telescope of SAO RAS. Improvement of the spectral module. Optical Review, 2016, 23, 878-884.	2.0	5
16	Investigation of the spectral selectivity of volume holograms with femtosecond pulsed radiation. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2004, 96, 157-162.	0.6	4
17	Using prism elements to construct flat waveguide screens. Journal of Optical Technology (A) Tj ETQq1 1 0.784314 ggBT /Overlock 10 Tf	0.4	4
18	Designing and researching of the virtual display system based on the prism elements. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
19	Systems design of augmented-reality collimator displays. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2014, 10, 1-4.	0.784314	10
20	Self-broadening of space-time spectra of few-cycle pulses in dielectric media. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2004, 96, 182-186.	0.6	2
21	Electrically controlled relaxation at twist deformation of a dual-frequency nematic liquid crystal. Technical Physics, 2010, 55, 850-854.	0.7	2
22	ITMO Photonics: center of excellence. Proceedings of SPIE, 2016, , .	0.8	2
23	Interferometric signal and image processing by autoconvolution method. , 1999, 3739, 539.		1
24	Influence of the alignment layer and the liquid crystal layer thickness on the characteristics of electrically controlled optical modulators. Technical Physics Letters, 2009, 35, 498-500.	0.7	1
25	Parametric synthesis of three-mirrors optical systems. Proceedings of SPIE, 2011, , .	0.8	1
26	Maintaining and Updating the Storing Data by the Control Points. Applied Mechanics and Materials, 2013, 457-458, 793-796.	0.2	1
27	Educational Opportunities via Distance Learning System. Applied Mechanics and Materials, 2014, 565, 183-186.	0.2	1
28	Modelling interferometric apparatus for recording variable-period Bragg gratings in an optical fiber. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2015, 82, 85.	0.4	1
29	Analysis of ghost images in a compound prismatic combiner for head-up-displays. Proceedings of SPIE, 2015, , .	0.8	1
30	Optical schemes of the head-mounted displays. , 2017, , .		1
31	Development and analysis of reflective and catadioptric optical systems for Earth remote sensing. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2017, 84, 761.	0.4	1
32	<title>Heat condition and destruction of tissue under the action of Nd:YAG laser</title>. , 1994, 2077, 21.		0
33	<title>Energy transfer process in the tips of laser delivery system</title>. , 1994, 2084, 47.		0
34	Light signals for high-speed fiber-optics communication systems. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2014, 10, 1-4.	0.784314	10
35	Foreword from the Publishing Editors: St Petersburg State Institute of Precision Mechanics and Optics (Technical University) and Optical Education in Russia. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2014, 10, 1-4.	0.784314	10
36	Apparatus for forming single-strand light guides by the draw-plate technique. Journal of Optical Technology (A Translation of Opticheski Zhurnal), 2000, 67, 396.	0.4	0

#	ARTICLE	IF	CITATIONS
37	Foreword from the editors of this issue. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2002, 69, 213.	0.4	0
38	Study of the dynamics of trends in the development of and demand for optical instrumental resources used in scientific research (from data obtained by analyzing information flows). Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2002, 69, 213.	0.4	0
39	Optics in Russia and the scientific school of the State Optical Institute (history, status, and) Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2002, 69, 213.	0.4	0
40	Foreword from the editors of this issue. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2002, 69, 213.	0.4	0
41	Study of the energy sensitivity in the equisignal zone of an optoelectronic device for measuring linear displacements. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2003, 70, 238.	0.4	0
42	Phase unwrapping of interference fringes using recursion and iteration algorithms of phase automatic frequency control. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2003, 70, 771.	0.4	0
43	Scientific-educational Web site "Optoinformatics". Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2003, 70, 771.	0.4	0
44	Foreword to this issue. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2005, 72, 227.	0.4	0
45	The Virtual Museum of the University as a means of studying the history of optical instrumentation and optical education. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2005, 72, 287.	0.4	0
46	Training and retraining of personnel in optical engineering. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2005, 72, 287.	0.4	0
47	Models of the advancement of hypotheses in a Fourier-holography layout. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2013, 80, 154.	0.4	0
48	Mechanism for forming internal correlation when concepts are generated on a neural network with connections produced by Fourier holography. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2013, 80, 154.	0.4	0
49	Concept of the International Project University: learning without borders. Proceedings of SPIE, 2014, , .	0.8	0
50	Subcarrier Wave Quantum Key Distribution in Telecommunication Network with Bitrate 800 kbit/s. EPJ Web of Conferences, 2015, 103, 10005.	0.3	0
51	Project education method at distance teaching system. WIT Transactions on Information and Communication Technologies, 2014, , .	0.0	0
52	Analysis of instrumental effects on polarization of the polarimetric unit in the high-spectral resolution spectrograph with fiber input for the 6m SAO RAS telescope. Proceedings of SPIE, 2017, , .	0.8	0
53	Comparison of the absolute sensitivity of a dark-adapted eye and an eye equipped with an electron-multiplying CCD camera. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2017, , .	0.4	0