

# Vladimir Vn Vasilev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/274029/publications.pdf>

Version: 2024-02-01

53  
papers

207  
citations

1163117

8  
h-index

1058476

14  
g-index

53  
all docs

53  
docs citations

53  
times ranked

150  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Photoactive ZnO nanosuspension for intensification of organics contaminations decomposition. Chemical Engineering and Processing: Process Intensification, 2018, 134, 45-50.                                   | 3.6 | 16        |
| 2  | Photo-Thermo-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        |
| 3  | 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 Opticheskiy Zhurnal), 2017, 84, 362. | 0.4 | 19        |
| 4  | Multilevel optical information recording in silver-containing photosensitive glasses by UV laser pulses. Optical Engineering, 2017, 56, 047104.  | 1.0 | 7         |
| 5  | Transparent bactericidal ZnO nanocoatings. Journal of Materials Science: Materials in Medicine, 2017, 28, 102.   | 3.6 | 16        |
| 6  | Transparent nanocrystalline ZnO and ZnO:Al coatings obtained through ZnS sols. Optical Materials, 2017, 73, 712-717.   | 3.6 | 6         |
| 7  | Sideband quantum communication at 1 Gbit/s on a metropolitan area network. Journal of Optical Technology (A Translation of Opticheskiy Zhurnal), 2017, 84, 362.  | 0.4 | 19        |
| 8  | 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         |
| 9  | Optical schemes of the head-mounted displays. , 2017, , .  |     | 1         |
| 10 | Development and analysis of reflective and catadioptric optical systems for Earth remote sensing. Journal of Optical Technology (A Translation of Opticheskiy Zhurnal), 2017, 84, 761.                         | 0.4 | 1         |
| 11 | ITMO Photonics: center of excellence. Proceedings of SPIE, 2016, , .   | 0.8 | 2         |
| 12 | 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         |
| 13 | Photostructurable photo-thermo-refractive glass. Optics Express, 2016, 24, 4563.   | 3.4 | 18        |
| 14 | Systems design of augmented-reality collimator displays. Journal of Optical Technology (A Translation of Opticheskiy Zhurnal), 2015, 82, 85.   | 0.4 | 1         |
| 15 | Subcarrier Wave Quantum Key Distribution in Telecommunication Network with Bitrate 800 kbit/s. EPJ Web of Conferences, 2015, 103, 10005.   | 0.3 | 0         |
| 16 | Luminescent properties of fluorophosphate glasses with lead chalcogenides molecular clusters. Journal of Luminescence, 2015, 162, 36-40.   | 3.1 | 10        |
| 17 | Optical Gradient Waveguides in Photo-Thermo-Refractive Glass Formed by Ion Exchange Method. Journal of Lightwave Technology, 2015, 33, 3730-3735.  | 4.6 | 25        |
| 18 | Modelling interferometric apparatus for recording variable-period Bragg gratings in an optical fiber. Journal of Optical Technology (A Translation of Opticheskiy Zhurnal), 2015, 82, 85.                      | 0.4 | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Analysis of ghost images in a compound prismatic combiner for head-up-displays. Proceedings of SPIE, 2015, , .   | 0.8 | 1         |
| 20 | Luminescent glass fiber sensors for ultraviolet radiation detection by the spectral conversion. Optical Engineering, 2015, 54, 117107.   | 1.0 | 16        |
| 21 | Concept of the International Project University: learning without borders. Proceedings of SPIE, 2014, , .  | 0.8 | 0         |
| 22 | Educational Opportunities via Distance Learning System. Applied Mechanics and Materials, 2014, 565, 183-186.   | 0.2 | 1         |
| 23 | Designing and researching of the virtual display system based on the prism elements. , 2014, , .   |     | 3         |
| 24 | Project education method at distance teaching system. WIT Transactions on Information and Communication Technologies, 2014, , .  | 0.0 | 0         |
| 25 | 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         |
| 26 | 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         |
| 27 | Using prism elements to construct flat waveguide screens. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2013, 80, 274.   | 0.4 | 8         |
| 28 | Virtual-display optical devices. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2013, 80, 274.  | 0.4 | 8         |
| 29 | 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, 274. | 0.4 | 8         |
| 30 | Maintaining and Updating the Storing Data by the Control Points. Applied Mechanics and Materials, 2013, 457-458, 793-796.  | 0.2 | 1         |
| 31 | Optical response from dual-frequency hybrid-aligned nematic liquid crystal cells. Technical Physics, 2012, 57, 644-648.  | 0.7 | 5         |
| 32 | Parametric synthesis of three-mirrors optical systems. Proceedings of SPIE, 2011, , .  | 0.8 | 1         |
| 33 | Electrically controlled relaxation at twist deformation of a dual-frequency nematic liquid crystal. Technical Physics, 2010, 55, 850-854.  | 0.7 | 2         |
| 34 | 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         |
| 35 | 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         |
| 36 | Training and retraining of personnel in optical engineering. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2009, 76, 100.  | 0.4 | 0         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Foreword to this issue. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2005, 72, 227.  | 0.4 | 0         |
| 38 | 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         |
| 39 | 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         |
| 40 | 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         |
| 41 | Scientific-educational Web site "Optoinformatics". Journal of Optical Technology (A Translation of) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 29  | 0.4 | 0         |
| 42 | Foreword from the editors of this issue. Journal of Optical Technology (A Translation of Opticheskii) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 29   | 0.4 | 0         |
| 43 | 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         |
| 44 | 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         |
| 45 | Foreword from the editors of this issue. Journal of Optical Technology (A Translation of Opticheskii) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 29  | 0.4 | 0         |
| 46 | 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         |
| 47 | Optics in Russia and the scientific school of the State Optical Institute (history, status, and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 29   | 0.4 | 0         |
| 48 | 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) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 29                                   | 0.4 | 0         |
| 49 | Apparatus for forming single-strand light guides by the draw-plate technique. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2000, 67, 396.  | 0.4 | 0         |
| 50 | Light signals for high-speed fiber-optics communication systems. Journal of Optical Technology (A) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 29  | 0.4 | 0         |
| 51 | Interferometric signal and image processing by autoconvolution method. , 1999, 3739, 539.   |     | 1         |
| 52 | <title>Heat condition and destruction of tissue under the action of Nd:YAG laser</title>. , 1994, 2077, 21.   |     | 0         |
| 53 | <title>Energy transfer process in the tips of laser delivery system</title>. , 1994, 2084, 47.  |     | 0         |