

# George O Rytikov

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

173  
citations

1163117

8  
h-index

1125743

13  
g-index

28  
all docs

28  
docs citations

28  
times ranked

113  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Polarisation-optical model of a controlled random number generator. E-Management, 2022, 4, 47-54.  | 0.6 | 0         |
| 2  | The Effect of Morphological Surface Inhomogeneities on the Mycological Resistance of Polymer Films. Protection of Metals and Physical Chemistry of Surfaces, 2021, 57, 422-431.                      | 1.1 | 4         |
| 3  | Risk-based efficiency assessment of information systems. Business Informatics, 2021, 15, 19-29.  | 0.8 | 1         |
| 4  | 3D-printed planar microfluidic device on oxyfluorinated PET-substrate. Polymer Testing, 2021, 99, 107209.  | 4.8 | 9         |
| 5  | The general approach to the 3D-printing process quality estimation on the modified polymer substrates. Journal of Physics: Conference Series, 2020, 1546, 012007.                                    | 0.4 | 2         |
| 6  | The techniques analysis of the heterogeneous modified polymer materials parameters detection. Journal of Physics: Conference Series, 2020, 1546, 012022.   | 0.4 | 0         |
| 7  | The automating of the quantitative analysis and characterization of the polymer based films surfaces SEM-images. Journal of Physics: Conference Series, 2020, 1546, 012027.                          | 0.4 | 0         |
| 8  | Theoretical comparative analysis of cascading, iterative, and hybrid approaches to IT project life cycle management. Business Informatics, 2020, 14, 32-40.  | 0.8 | 3         |
| 9  | Nanotexture effect of the fiber surface on the sorption capacity of nonwoven fabrics. Nanosystems: Physics, Chemistry, Mathematics, 2020, 11, 553-564.   | 0.4 | 0         |
| 10 | Oxyfluorination-Controlled Variations in the Wettability of Polymer Film Surfaces. Colloid Journal, 2019, 81, 146-157.   | 1.3 | 15        |
| 11 | Comparison of the Effects of Some Modification Methods on the Characteristics of Ultrahigh-Molecular-Weight Polyethylene and Composites on Its Basis. Polymer Science - Series A, 2019, 61, 325-333. | 1.0 | 10        |
| 12 | Platelet Adhesion Quantification to Fluorinated Polyethylene from the Structural Characteristics of Its Surface. Mathematical Biology and Bioinformatics, 2019, 14, 420-429.                         | 0.6 | 1         |
| 13 | The holistic method of the surface structure characterization. , 2016, , .   |     | 2         |
| 14 | Double smoothing in time series formalization. , 2014, , .   |     | 2         |
| 15 | Parametric down conversion frequency-angle spectrum modeling. , 2014, , .  |     | 1         |
| 16 | Possibility investigation of experimental verification of general bell inequality violation for polarization scalar light based realization. , 2014, , .   |     | 0         |
| 17 | Multiphoton nonclassical correlations in entangled squeezed vacuum states. Physical Review A, 2013, 87, .  | 2.5 | 7         |
| 18 | Entanglement of macroscopic Bell states. , 2013, , .   |     | 0         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Absolute calibration of photodetectors: photocurrent multiplication versus photocurrent subtraction. Optics Letters, 2011, 36, 1329.   | 3.3 | 19        |
| 20 | Generation of bright squeezed vacuum in the Karassiov states. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50   | 0.6 | 3         |
| 21 | Macroscopic Pure State of Light Free of Polarization Noise. Physical Review Letters, 2011, 106, 113602.  | 7.8 | 37        |
| 22 | Polarization properties of macroscopic Bell states. Physical Review A, 2011, 84, .   | 2.5 | 12        |
| 23 | COMPARATIVE TEST OF TWO METHODS OF QUANTUM EFFICIENCY ABSOLUTE MEASUREMENT BASED ON SQUEEZED VACUUM DIRECT DETECTION. International Journal of Quantum Information, 2011, 09, 251-262.       | 1.1 | 7         |
| 24 | Detection of two-mode compression and degree of entanglement in continuous variables in parametric scattering of light. Journal of Experimental and Theoretical Physics, 2008, 107, 923-932. | 0.9 | 7         |
| 25 | Two methods for detecting nonclassical correlations in parametric scattering of light. JETP Letters, 2008, 88, 660-664.  | 1.4 | 18        |
| 26 | Biphoton light generation in polarization-frequency bell states. Journal of Experimental and Theoretical Physics, 2002, 95, 639-644.   | 0.9 | 13        |
| 27 | Preparation and measurement of biphotons in given polarization state. , 0, , .   |     | 0         |