

# 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	Macroscopic Pure State of Light Free of Polarization Noise. Physical Review Letters, 2011, 106, 113602.	7.8	37
2	Absolute calibration of photodetectors: photocurrent multiplication versus photocurrent subtraction. Optics Letters, 2011, 36, 1329.	3.3	19
3	Two methods for detecting nonclassical correlations in parametric scattering of light. JETP Letters, 2008, 88, 660-664.	1.4	18
4	Oxyfluorination-Controlled Variations in the Wettability of Polymer Film Surfaces. Colloid Journal, 2019, 81, 146-157.	1.3	15
5	Biphoton light generation in polarization-frequency bell states. Journal of Experimental and Theoretical Physics, 2002, 95, 639-644.	0.9	13
6	Polarization properties of macroscopic Bell states. Physical Review A, 2011, 84, .	2.5	12
7	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
8	3D-printed planar microfluidic device on oxyfluorinated PET-substrate. Polymer Testing, 2021, 99, 107209.	4.8	9
9	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
10	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
11	Multiphoton nonclassical correlations in entangled squeezed vacuum states. Physical Review A, 2013, 87, .	2.5	7
12	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
13	Generation of bright squeezed vacuum in the Karassiov states. Optics and Spectroscopy (English) Tj ETQq1 1 0.784314 rgBT <sub>3</sub> Overlo 0,6		
14	Theoretical comparative analysis of cascading, iterative, and hybrid approaches to IT project life cycle management. Business Informatics, 2020, 14, 32-40.	0.8	3
15	Double smoothing in time series formalization. , 2014, , .		2
16	The holistic method of the surface structure characterization. , 2016, , .		2
17	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
18	Parametric down conversion frequency-angle spectrum modeling. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
19	Risk-based efficiency assessment of information systems. Business Informatics, 2021, 15, 19-29.	0.8	1
20	Platelet Adhesion Quantification to Fluorinated Polyethylene from the Structural Characteristics of Its Surface. Mathematical Biology and Bioinformatics, 2019, 14, 420-429.	0.6	1
21	Preparation and measurement of biphotons in given polarization state. , 0, , .		0
22	Entanglement of macroscopic Bell states. , 2013, , .		0
23	Possibility investigation of experimental verification of general bell inequality violation for polarization scalar light based realization. , 2014, , .		0
24	The techniques analysis of the heterogeneous modified polymer materials parameters detection. Journal of Physics: Conference Series, 2020, 1546, 012022.	0.4	0
25	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
26	Nanotexture effect of the fiber surface on the sorption capacity of nonwoven fabrics. Nanosystems: Physics, Chemistry, Mathematics, 2020, 11, 553-564.	0.4	0
27	Polarisation-optical model of a controlled random number generator. E-Management, 2022, 4, 47-54.	0.6	0