

# Yevhen Poshokhov

## List of Publications by Year in descending order

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52  
papers

881  
citations

394421

19  
h-index

477307

29  
g-index

52  
all docs

52  
docs citations

52  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Excited state intramolecular proton transfer reaction and luminescent properties of the ortho-hydroxy derivatives of 2,5-diphenyl-1,3,4-oxadiazole. <i>Journal of Physical Organic Chemistry</i> , 2000, 13, 253-265.	1.9	86
2	Radiationless deactivation of the excited phototautomer form and molecular structure of ESIPT-compounds. <i>Photochemical and Photobiological Sciences</i> , 2002, 1, 92-99.	2.9	57
3	Kinetic Intermediate Reveals Staggered pH-Dependent Transitions along the Membrane Insertion Pathway of the Diphtheria Toxin T-Domain. <i>Biochemistry</i> , 2009, 48, 7584-7594.	2.5	50
4	Interactions of Fluorinated Surfactants with Diphtheria Toxin T-Domain: Testing New Media for Studies of Membrane Proteins. <i>Biophysical Journal</i> , 2008, 94, 4348-4357.	0.5	49
5	Chaperoning of Insertion of Membrane Proteins into Lipid Bilayers by Hemifluorinated Surfactants: Application to Diphtheria Toxin. <i>Biochemistry</i> , 2006, 45, 2629-2635.	2.5	48
6	Is Lipid Bilayer Binding a Common Property of Inhibitor Cysteine Knot Ion-Channel Blockers?. <i>Biophysical Journal</i> , 2007, 93, L20-L22.	0.5	46
7	Conformational Switching of the Diphtheria Toxin T Domain. <i>Journal of Molecular Biology</i> , 2010, 402, 1-7.	4.2	44
8	pH-Triggered Conformational Switching of the Diphtheria Toxin T-Domain: The Roles of N-Terminal Histidines. <i>Journal of Molecular Biology</i> , 2013, 425, 2752-2764.	4.2	42
9	Membrane Insertion Pathway of Annexin B12: Thermodynamic and Kinetic Characterization by Fluorescence Correlation Spectroscopy and Fluorescence Quenching. <i>Biochemistry</i> , 2008, 47, 5078-5087.	2.5	36
10	Lifetime fluorescence method for determining membrane topology of proteins. <i>Analytical Biochemistry</i> , 2006, 348, 87-93.	2.4	35
11	Effect of acetone accumulation on structure and dynamics of lipid membranes studied by molecular dynamics simulations. <i>Computational Biology and Chemistry</i> , 2013, 46, 23-31.	2.3	33
12	The study of the solubility of naphthalene diimides with various bulky flanking substituents in different solvents by UV-vis spectroscopy. <i>Dyes and Pigments</i> , 2005, 64, 171-178.	3.7	28
13	Spectral-luminescent and solvatochromic properties of anticancer drug camptothecin. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 158, 13-20.	3.9	26
14	The structure of the phototransformation product of monothiodibenzoylmethane. <i>Chemical Physics Letters</i> , 2001, 350, 502-508.	2.6	24
15	FCS Study of the Thermodynamics of Membrane Protein Insertion into the Lipid Bilayer Chaperoned by Fluorinated Surfactants. <i>Biophysical Journal</i> , 2008, 95, L54-L56.	0.5	24
16	Steady-state and time-resolved fluorescence quenching with transition metal ions as short-distance probes for protein conformation. <i>Analytical Biochemistry</i> , 2010, 407, 284-286.	2.4	22
17	Thioacetylacetone: Structural and Vibrational Assignments. <i>ChemPhysChem</i> , 2004, 5, 495-502.	2.1	21
18	Title is missing!. <i>Russian Chemical Bulletin</i> , 2001, 50, 404-412.	1.5	20

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19	A simple "proximity" correction for Förster resonance energy transfer efficiency determination in membranes using lifetime measurements. <i>Analytical Biochemistry</i> , 2008, 380, 134-136.	2.4	20
20	Spectral properties and complex formation with Cu <sup>2+</sup> ions of 2- and 4-(N-arylimino)-quinolines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 161, 247-254.	3.9	17
21	Thermodynamic Measurements of Bilayer Insertion of a Single Transmembrane Helix Chaperoned by Fluorinated Surfactants. <i>Journal of Molecular Biology</i> , 2012, 416, 328-334.	4.2	17
22	Location of fluorescent probes (2-hydroxy derivatives of 2,5-diaryl-1,3-oxazole) in lipid membrane studied by fluorescence spectroscopy and molecular dynamics simulation. <i>Biophysical Chemistry</i> , 2018, 235, 9-18.	2.8	15
23	Thermodynamics of Membrane Insertion and Refolding of the Diphtheria Toxin T-Domain. <i>Journal of Membrane Biology</i> , 2015, 248, 383-394.	2.1	14
24	Monothiodibenzoylmethane: Structural and vibrational assignments. <i>Vibrational Spectroscopy</i> , 2007, 43, 53-63.	2.2	12
25	Quenching-enhanced fluorescence titration protocol for accurate determination of free energy of membrane binding. <i>Analytical Biochemistry</i> , 2007, 362, 290-292.	2.4	12
26	Photochromism in p-methylbenzoylthioacetone and related $\beta^2$ -thioxoketones. <i>Chemical Physics</i> , 2007, 338, 11-22.	1.9	10
27	Photochromism and polarization spectroscopy of p-methyl(thiobenzoyl)acetone. <i>Chemical Physics</i> , 2006, 328, 205-215.	1.9	9
28	Experimental Evaluation of Food-Grade Semi-Refined Carrageenan Toxicity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11178.	4.1	9
29	A study on photophysical properties of some Vitamin K3 derivatives. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 162, 283-288.	3.9	7
30	Orally administered gadolinium orthovanadate GdVO <sub>4</sub> :Eu <sup>3+</sup> nanoparticles do not affect the hydrophobic region of cell membranes of leukocytes. <i>Wiener Medizinische Wochenschrift</i> , 2020, 170, 189-195.	1.1	7
31	UV/VIS spectral properties of novel natural products from Turkish lichens. <i>International Journal of Photoenergy</i> , 2005, 7, 27-35.	2.5	6
32	Derivatives of 2,5-Diaryl-1,3-Oxazole and 2,5-Diaryl-1,3,4-Oxadiazole as Environment-Sensitive Fluorescent Probes for Studies of Biological Membranes. <i>Reviews in Fluorescence</i> , 2018, , 199-230.	0.5	6
33	A study of enterocyte membranes during activation of apoptotic processes in chronic carrageenan-induced gastroenterocolitis. <i>Medicinski Glasnik</i> , 2018, 15, 87-92.	0.4	6
34	Fluorescent probes sensitive to changes in the cholesterol-to-phospholipids molar ratio in human platelet membranes during atherosclerosis. <i>Methods and Applications in Fluorescence</i> , 2016, 4, 034013.	2.3	5
35	Mechanisms of photoinduced protolytic interactions of 2,5-diphenyloxazoleortho-hydroxy derivatives in media of various acidities. <i>High Energy Chemistry</i> , 2000, 34, 93-100.	0.9	4
36	Spectral-luminescent and solvatochromic properties of 2-(3-coumarinyl)-5-(2-(R-amino)-phenyl)-1,3,4-oxadiazoles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 227, 25-31.	3.9	4

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37	The impact of orally administered gadolinium orthovanadate GdVO <sub>4</sub> :Eu <sup>3+</sup> nanoparticles on the state of phospholipid bilayer of erythrocytes. Turkish Journal of Biochemistry, 2020, 45, 389-395.	0.5	4
38	Fluorescence Applications for Structural and Thermodynamic Studies of Membrane Protein Insertion. Reviews in Fluorescence, 2017, , 243-274.	0.5	3
39	Membrane Partitioning of Mechanosensitive Channel Inhibitor GsMTx4: Characterization by Depth-Dependent Fluorescence Quenching and Molecular Dynamics Simulations. Biophysical Journal, 2009, 96, 611a.	0.5	1
40	Changes in cell membranes of white blood cells treated with a common food additive E407a. Turkish Journal of Biochemistry, 2021, 46, 557-562.	0.5	1
41	Effects of semi-refined carrageenan (food additive E407a) on cell membranes of leukocytes assessed in vivo and in vitro. Medicinski Glasnik, 2021, 18, 176-183.	0.4	1
42	pH-Triggered Membrane Insertion Pathway of the Diphtheria Toxin T-Domain: 2. Role of Histidines. Biophysical Journal, 2009, 96, 433a.	0.5	0
43	Can We Measure the Thermodynamic Stability of Membrane Proteins in a Lipid Bilayer Environment?. Biophysical Journal, 2009, 96, 333a.	0.5	0
44	pH-Triggered Membrane Insertion Pathway of the Diphtheria Toxin T-Domain: 1. Insertion/Refolding Intermediate. Biophysical Journal, 2009, 96, 433a.	0.5	0
45	Kinetic and Thermodynamic Studies of pH-Triggered Membrane Insertion of Diphtheria Toxin T-Domain. Biophysical Journal, 2010, 98, 485a.	0.5	0
46	Thermodynamics of Interfacial Membrane Binding and Transmembrane Insertion of Diphtheria Toxin T-Domain: Fluorescence Correlation Spectroscopy Study. Biophysical Journal, 2010, 98, 624a.	0.5	0
47	Conformational Switching of the Diphtheria Toxin T-Domain. Biophysical Journal, 2011, 100, 8a.	0.5	0
48	Thermodynamic Measurements of Bilayer Insertion of a Single Transmembrane Helix. Biophysical Journal, 2012, 102, 471a.	0.5	0
49	The study of phospholipid bilayer of cell membranes in leukocytes incubated with high concentrations of the food additive E407a. Journal of Clinical Medicine of Kazakhstan, 2021, 18, 49-52.	0.3	0
50	High Concentrations of GdYVO <sub>4</sub> :Eu <sup>3+</sup> Nanoparticles Alter the State of White Blood Cell Membranes by Increasing Their Microviscosity. , 2021, , .		0
51	Thermodynamic and Kinetic Analysis of Membrane Protein Insertion: Case of Diphtheria Toxin Tâ€œDomain. FASEB Journal, 2010, 24, 478.1.	0.5	0
52	Semi-Refined Carrageenan Attenuates Lipopolysaccharide-Induced Reactive Oxygen Species Production in Peripheral Blood Mononuclear Cells and Cell Membrane Alterations in Leukocytes. Journal of Pharmacy and Nutrition Sciences (discontinued), 0, 11, 175-183.	0.4	0