

Roman A Zinovkin

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/161318/roman-a-zinovkin-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

52
papers

980
citations

21
h-index

30
g-index

57
ext. papers

1,225
ext. citations

4
avg, IF

4.49
L-index

#	Paper	IF	Citations
52	Mitochondria-targeted triphenylphosphonium-based compounds inhibit FcRI-dependent degranulation of mast cells by preventing mitochondrial dysfunction through Erk1/2. <i>Life Sciences</i> , 2021 , 288, 120174	6.8	0
51	Analysis of genes regulated by DUX4 via oxidative stress reveals potential therapeutic targets for treatment of facioscapulohumeral dystrophy. <i>Redox Biology</i> , 2021 , 43, 102008	11.3	3
50	Gene Expression Pattern of Peyer's Patch Lymphocytes Exposed to Kagocel Suggests Pattern-Recognition Receptors Mediate Its Action. <i>Frontiers in Pharmacology</i> , 2021 , 12, 679511	5.6	0
49	The Role Played by Mitochondria in FcRI-Dependent Mast Cell Activation. <i>Frontiers in Immunology</i> , 2020 , 11, 584210	8.4	3
48	Mild depolarization of the inner mitochondrial membrane is a crucial component of an anti-aging program. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 6491-6501	11.5	57
47	A Combination of Kidney Ischemia and Injection of Isolated Mitochondria Leads to Activation of Inflammation and Increase in Mortality Rate in Rats. <i>Bulletin of Experimental Biology and Medicine</i> , 2020 , 169, 213-217	0.8	0
46	Mitochondria-targeted triphenylphosphonium-based compounds do not affect estrogen receptor α . <i>PeerJ</i> , 2020 , 8, e8803	3.1	3
45	Mitochondrial permeability transition pore is involved in oxidative burst and NETosis of human neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165664	6.9	24
44	Synthetic fragment (60-76) of RAGE improves brain mitochondria function in olfactory bulbectomized mice. <i>Neurochemistry International</i> , 2020 , 140, 104799	4.4	3
43	Mitochondria as Targets for Endothelial Protection in COVID-19. <i>Frontiers in Physiology</i> , 2020 , 11, 606170	4.6	2
42	Transcription Factor Nrf2 as a Potential Therapeutic Target for Prevention of Cytokine Storm in COVID-19 Patients. <i>Biochemistry (Moscow)</i> , 2020 , 85, 833-837	2.9	28
41	Mitochondria-Targeted Drugs. <i>Current Molecular Pharmacology</i> , 2019 , 12, 202-214	3.7	56
40	Synthetic Analogue of Leu-Enkephalin Prevents Endothelial Dysfunction in vitro. <i>Obshchaya Reanimatologiya</i> , 2018 , 14, 60-68	0.8	2
39	Penetrating cations induce pleiotropic drug resistance in yeast. <i>Scientific Reports</i> , 2018 , 8, 8131	4.9	8
38	Low concentration of uncouplers of oxidative phosphorylation decreases the TNF-induced endothelial permeability and lethality in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 968-977	6.9	24
37	Mitochondrial reactive oxygen species are involved in chemoattractant-induced oxidative burst and degranulation of human neutrophils in vitro. <i>European Journal of Cell Biology</i> , 2017 , 96, 254-265	6.1	40
36	Nuclear DNA as Predictor of Acute Kidney Injury in Patients Undergoing Coronary Artery Bypass Graft: A Pilot Study. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2017 , 31, 2080-2085	2.1	5

35	Mitochondria-Targeted Antioxidants and Uncouplers of Oxidative Phosphorylation in Treatment of the Systemic Inflammatory Response Syndrome (SIRS). <i>Journal of Cellular Physiology</i> , 2017 , 232, 904-912	7	7
34	Mitochondria-Targeted Antioxidant SkQ1 Improves Dermal Wound Healing in Genetically Diabetic Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 6408278	6.7	27
33	RNA-dependent disassembly of nuclear bodies. <i>Journal of Cell Science</i> , 2016 , 129, 4509-4520	5.3	7
32	Mitochondria-Targeted Antioxidant SkQR1 Reduces TNF-Induced Endothelial Permeability in vitro. <i>Biochemistry (Moscow)</i> , 2016 , 81, 1188-1197	2.9	10
31	Priming of Human Neutrophils Is Necessary for Their Activation by Extracellular DNA. <i>Biochemistry (Moscow)</i> , 2016 , 81, 609-14	2.9	5
30	Mitochondrial Dysfunction in Neocortex and Hippocampus of Olfactory Bulbectomized Mice, a Model of Alzheimer's Disease. <i>Biochemistry (Moscow)</i> , 2016 , 81, 615-23	2.9	17
29	Efficacy of Mitochondrial Antioxidant Plastoquinonyl-decyl-triphenylphosphonium Bromide (SkQ1) in the Rat Model of Autoimmune Arthritis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 8703645	6.7	12
28	Role of Reactive Oxygen Species in Mast Cell Degranulation. <i>Biochemistry (Moscow)</i> , 2016 , 81, 1564-1572	2.9	38
27	Mitochondrial Genome and Longevity. <i>Biochemistry (Moscow)</i> , 2016 , 81, 1401-1405	2.9	4
26	Low Concentrations of Uncouplers of Oxidative Phosphorylation Prevent Inflammatory Activation of Endothelial Cells by Tumor Necrosis Factor. <i>Biochemistry (Moscow)</i> , 2015 , 80, 610-9	2.9	15
25	Pure Mitochondrial DNA Does Not Activate Human Neutrophils in vitro. <i>Biochemistry (Moscow)</i> , 2015 , 80, 629-35	2.9	15
24	DNA Methylation, Mitochondria, and Programmed Aging. <i>Biochemistry (Moscow)</i> , 2015 , 80, 1571-7	2.9	17
23	Effect of SkQ1 on Activity of the Glutathione System and NADPH-Generating Enzymes in an Experimental Model of Hyperglycemia. <i>Biochemistry (Moscow)</i> , 2015 , 80, 1614-21	2.9	3
22	Age-associated murine cardiac lesions are attenuated by the mitochondria-targeted antioxidant SkQ1. <i>Histology and Histopathology</i> , 2015 , 30, 353-60	1.4	19
21	Mitochondria-targeted antioxidant SkQ1 improves impaired dermal wound healing in old mice. <i>Aging</i> , 2015 , 7, 475-85	5.6	30
20	Mitochondria-targeted antioxidants prevent TNF-induced endothelial cell damage. <i>Biochemistry (Moscow)</i> , 2014 , 79, 124-30	2.9	21
19	Role of mitochondrial reactive oxygen species in age-related inflammatory activation of endothelium. <i>Aging</i> , 2014 , 6, 661-74	5.6	42
18	The effect of aerobic exercise on the expression of genes in skeletal muscles of trained and untrained men. <i>Human Physiology</i> , 2013 , 39, 190-195	0.3	5

17	Expression of beet yellows virus coat protein cDNA to create transgenic resistance in plants. <i>Doklady Biochemistry and Biophysics</i> , 2012 , 443, 68-70	0.8	2
16	The 5' untranslated region of Apaf-1 mRNA directs translation under apoptosis conditions via a 5' end-dependent scanning mechanism. <i>FEBS Letters</i> , 2012 , 586, 4139-43	3.8	21
15	Methanol may function as a cross-kingdom signal. <i>PLoS ONE</i> , 2012 , 7, e36122	3.7	26
14	RNA editing: breaking the dogma. <i>Biochemistry (Moscow)</i> , 2011 , 76, 867-8	2.9	2
13	Effect of Ca ²⁺ on programmed death of guard and epidermal cells of pea leaves. <i>Biochemistry (Moscow)</i> , 2010 , 75, 614-22	2.9	7
12	A-to-I RNA editing: a contribution to diversity of the transcriptome and an organism's development. <i>Biochemistry (Moscow)</i> , 2010 , 75, 1316-23	2.9	6
11	Influence of the hepatitis C virus 3' untranslated region on IRES-dependent and cap-dependent translation initiation. <i>FEBS Letters</i> , 2010 , 584, 837-42	3.8	40
10	Chitosan-induced programmed cell death in plants. <i>Biochemistry (Moscow)</i> , 2009 , 74, 1035-43	2.9	29
9	Mitochondria-targeted plastoquinone derivatives as tools to interrupt execution of the aging program. 4. Age-related eye disease. SkQ1 returns vision to blind animals. <i>Biochemistry (Moscow)</i> , 2008 , 73, 1317-28	2.9	108
8	Potato production and innovative technologies 2007 ,		8
7	RNA-Binding Properties of the Proteins of Beet Yellows Closterovirus. <i>Molecular Biology</i> , 2004 , 38, 464-468		0
6	Processing and subcellular localization of the leader papain-like proteinase of Beet yellows closterovirus. <i>Journal of General Virology</i> , 2003 , 84, 2265-2270	4.9	17
5	Cell-to-cell movement of potato virus X involves distinct functions of the coat protein. <i>Journal of General Virology</i> , 2001 , 82, 449-458	4.9	62
4	Ultrastructural localization and epitope mapping of the methyltransferase-like and helicase-like proteins of Beet yellows virus. <i>Journal of General Virology</i> , 2001 , 82, 1983-1994	4.9	24
3	Detection of beet yellows closterovirus methyltransferase-like and helicase-like proteins in vivo using monoclonal antibodies. <i>Journal of General Virology</i> , 2000 , 81, 597-603	4.9	28
2	The minor coat protein of beet yellows closterovirus encapsidates the 5' terminus of RNA in virions. <i>Journal of General Virology</i> , 1999 , 80 (Pt 1), 269-272	4.9	23
1	The beet yellows closterovirus p65 homologue of HSP70 chaperones has ATPase activity associated with its conserved N-terminal domain but does not interact with unfolded protein chains. <i>Journal of General Virology</i> , 1997 , 78 (Pt 3), 535-42	4.9	21