

Vadim B Vasilyev

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Lactoferrin Induces Erythropoietin Synthesis and Rescues Cognitive Functions in the Offspring of Rats Subjected to Prenatal Hypoxia. <i>Nutrients</i> , 2022, 14, 1399.	4.1	9
2	Analysis of the low density lipoprotein receptor gene (<i>LDLR</i>) mutation spectrum in Russian familial hypercholesterolemia. <i>Vavilovskii Zhurnal Genetiki i Seleksii</i> , 2022, 26, 319-326.	1.1	2
3	Interaction of Lactoferrin with Unsaturated Fatty Acids: In Vitro and In Vivo Study of Human Lactoferrin/Oleic Acid Complex Cytotoxicity. <i>Materials</i> , 2021, 14, 1602.	2.9	7
4	Myeloperoxidase/high-density lipoprotein cholesterol ratio in patients with arterial hypertension and chronic coronary heart disease. <i>Meditinskii Akademicheskii Zhurnal</i> , 2021, 21, 75-86.	0.2	3
5	The effect of myeloperoxidase isoforms on biophysical properties of red blood cells. <i>Molecular and Cellular Biochemistry</i> , 2020, 464, 119-130.	3.1	5
6	A serine protease secreted from <i>Bacillus subtilis</i> cleaves human plasma transthyretin to generate an amyloidogenic fragment. <i>Communications Biology</i> , 2020, 3, 764.	4.4	12
7	Potential role of lactoferrin in early diagnostics and treatment of Parkinson disease. <i>Meditinskii Akademicheskii Zhurnal</i> , 2020, 20, 37-44.	0.2	6
8	Familial Hypercholesterolemia in Russia: Three Decades of Genetic Studies. <i>Frontiers in Genetics</i> , 2020, 11, 550591.	2.3	5
9	Distribution of introduced human mitochondrial DNA in early stage mouse embryos. <i>Meditinskii Akademicheskii Zhurnal</i> , 2020, 20, 69-78.	0.2	0
10	Prediction of complications of chronic duodenal ulcer using the method of determining the ratio of the level of melatonin receptors in the mucosa. <i>Vestnik Khirurgii Imeni I I Grekova</i> , 2020, 179, 17-21.	0.2	0
11	Effect of alpha-lactalbumin and lactoferrin oleic acid complexes on chromatin structural organization. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 136-139.	2.1	11
12	Looking for a partner: ceruloplasmin in protein-protein interactions. <i>BioMetals</i> , 2019, 32, 195-210.	4.1	34
13	Enzymatic and bactericidal activity of myeloperoxidase in conditions of halogenative stress. <i>Biochemistry and Cell Biology</i> , 2018, 96, 580-591.	2.0	9
14	Neutrophil activation in response to monomeric myeloperoxidase. <i>Biochemistry and Cell Biology</i> , 2018, 96, 592-601.	2.0	31
15	N-[4-(N,N,N-trimethylammonium)benzyl]chitosan chloride: Synthesis, interaction with DNA and evaluation of transfection efficiency. <i>Carbohydrate Polymers</i> , 2018, 181, 693-700.	10.2	35
16	ACTIVATED PRODUCING HOCL NEUTROPHILS REVEALED BY FLOW CYTOMETRY AND CONFOCAL MICROSCOPY WITH CELESTINE BLUE B. <i>Biulleten' Vostochno-Sibirskogo Nauchnogo Tsentra</i> , 2017, 1, 86-91.	0.1	2
17	Functional link between ferroxidase activity of ceruloplasmin and protective effect of apo-lactoferrin: studying rats kept on a silver chloride diet. <i>BioMetals</i> , 2016, 29, 691-704.	4.1	14
18	The effects of antioxidants and hypohalous acid scavengers on neutrophil activation by hypochlorous acid-modified low-density lipoproteins. <i>Biophysics (Russian Federation)</i> , 2016, 61, 420-428.	0.7	10

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19	Ceruloplasmin decreases respiratory burst reaction during pregnancy. <i>Free Radical Research</i> , 2016, 50, 909-919.	3.3	19
20	Biochemical and biological activity of arginine deiminase from <i>Streptococcus pyogenes</i> M22. <i>Biochemistry and Cell Biology</i> , 2016, 94, 129-137.	2.0	11
21	Binding of human myeloperoxidase to red blood cells: Molecular targets and biophysical consequences at the plasma membrane level. <i>Archives of Biochemistry and Biophysics</i> , 2016, 591, 87-97.	3.0	32
22	Interaction of macrophage migration inhibitory factor with ceruloplasmin: role of labile copper ions. <i>BioMetals</i> , 2015, 28, 817-826.	4.1	10
23	Thrombin inhibits the anti-myeloperoxidase and ferroxidase functions of ceruloplasmin: relevance in rheumatoid arthritis. <i>Free Radical Biology and Medicine</i> , 2015, 86, 279-294.	2.9	36
24	Distribution of paternally inherited foreign mtDNA in early mouse embryos. <i>Cell and Tissue Biology</i> , 2015, 9, 208-216.	0.4	0
25	Proatherogenic modification of LDL by surface-bound myeloperoxidase. <i>Chemistry and Physics of Lipids</i> , 2014, 180, 72-80.	3.2	37
26	Lactoferrin, myeloperoxidase, and ceruloplasmin: complementary gearwheels cranking physiological and pathological processes. <i>BioMetals</i> , 2014, 27, 815-828.	4.1	42
27	Familial hypercholesterolemia mutations in Petrozavodsk: no similarity to St. Petersburg mutation spectrum. <i>BMC Medical Genetics</i> , 2013, 14, 128.	2.1	14
28	Transmission of human mitochondrial DNA along the paternal lineage in transmitochondrial mice. <i>Mitochondrion</i> , 2013, 13, 330-336.	3.4	15
29	Myeloperoxidase modulates human platelet aggregation via actin cytoskeleton reorganization and store-operated calcium entry. <i>Biology Open</i> , 2013, 2, 916-923.	1.2	29
30	Ceruloplasmin: Macromolecular Assemblies with Iron-Containing Acute Phase Proteins. <i>PLoS ONE</i> , 2013, 8, e67145.	2.5	82
31	Human apo-lactoferrin as a physiological mimetic of hypoxia stabilizes hypoxia-inducible factor-1 alpha. <i>BioMetals</i> , 2012, 25, 1247-1259.	4.1	28
32	Protection of ceruloplasmin by lactoferrin against hydroxyl radicals is pH dependent. ¹ This article is part of a Special Issue entitled Lactoferrin and has undergone the Journal's usual peer review process. <i>Biochemistry and Cell Biology</i> , 2012, 90, 397-404.	2.0	19
33	Revealing binding sites for myeloperoxidase on the surface of human low density lipoproteins. <i>Chemistry and Physics of Lipids</i> , 2011, 164, 49-53.	3.2	17
34	Identification and properties of complexes formed by myeloperoxidase with lipoproteins and ceruloplasmin. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 347-355.	3.2	47
35	Interactions of caeruloplasmin with other proteins participating in inflammation. <i>Biochemical Society Transactions</i> , 2010, 38, 947-951.	3.4	20
36	Effect of lactoferrin on oxidative features of ceruloplasmin. <i>BioMetals</i> , 2009, 22, 521-529.	4.1	27

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37	Ceruloplasmin and myeloperoxidase in complex affect the enzymatic properties of each other. Free Radical Research, 2008, 42, 989-998.	3.3	59
38	Structural Characterization of the Ceruloplasmin: Lactoferrin Complex in Solution. Journal of Molecular Biology, 2007, 371, 1038-1046.	4.2	31
39	Assaying the probabilities of obtaining maternally inherited heteroplasmy as the basis for modeling OXPHOS diseases in animals. Biochimica Et Biophysica Acta - Bioenergetics, 2006, 1757, 679-685.	1.0	5
40	Familial hypercholesterolemia in St.-Petersburg: the known and novel mutations found in the low density lipoprotein receptor gene in Russia. BMC Medical Genetics, 2005, 6, 6.	2.1	43
41	Obtaining mice that carry human mitochondrial DNA transmitted to the progeny. Molecular Reproduction and Development, 2004, 68, 299-307.	2.0	19
42	Studies of the ceruloplasmin-lactoferrin complex. Biochemistry and Cell Biology, 2002, 80, 35-39.	2.0	29
43	A Russian family of Slavic origin carrying mitochondrial DNA with a 9-bp deletion in region V and a long C-stretch in D-loop. Mitochondrion, 2002, 1, 479-483.	3.4	3
44	Interaction of Lactoferrin with Ceruloplasmin. Archives of Biochemistry and Biophysics, 2000, 374, 222-228.	3.0	42