

Vadim B Vasilyev

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

913
citations

394421

19
h-index

477307

29
g-index

45
all docs

45
docs citations

45
times ranked

886
citing authors

#	ARTICLE	IF	CITATIONS
1	Ceruloplasmin: Macromolecular Assemblies with Iron-Containing Acute Phase Proteins. PLoS ONE, 2013, 8, e67145.	2.5	82
2	Ceruloplasmin and myeloperoxidase in complex affect the enzymatic properties of each other. Free Radical Research, 2008, 42, 989-998.	3.3	59
3	Identification and properties of complexes formed by myeloperoxidase with lipoproteins and ceruloplasmin. Chemistry and Physics of Lipids, 2010, 163, 347-355.	3.2	47
4	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
5	Interaction of Lactoferrin with Ceruloplasmin. Archives of Biochemistry and Biophysics, 2000, 374, 222-228.	3.0	42
6	Lactoferrin, myeloperoxidase, and ceruloplasmin: complementary gearwheels cranking physiological and pathological processes. BioMetals, 2014, 27, 815-828.	4.1	42
7	Proatherogenic modification of LDL by surface-bound myeloperoxidase. Chemistry and Physics of Lipids, 2014, 180, 72-80.	3.2	37
8	Thrombin inhibits the anti-myeloperoxidase and ferroxidase functions of ceruloplasmin: relevance in rheumatoid arthritis. Free Radical Biology and Medicine, 2015, 86, 279-294.	2.9	36
9	N-[4-(N,N-trimethylammonium)benzyl]chitosan chloride: Synthesis, interaction with DNA and evaluation of transfection efficiency. Carbohydrate Polymers, 2018, 181, 693-700.	10.2	35
10	Looking for a partner: ceruloplasmin in protein-protein interactions. BioMetals, 2019, 32, 195-210.	4.1	34
11	Binding of human myeloperoxidase to red blood cells: Molecular targets and biophysical consequences at the plasma membrane level. Archives of Biochemistry and Biophysics, 2016, 591, 87-97.	3.0	32
12	Structural Characterization of the Ceruloplasmin: Lactoferrin Complex in Solution. Journal of Molecular Biology, 2007, 371, 1038-1046.	4.2	31
13	Neutrophil activation in response to monomeric myeloperoxidase. Biochemistry and Cell Biology, 2018, 96, 592-601.	2.0	31
14	Studies of the ceruloplasmin-lactoferrin complex. Biochemistry and Cell Biology, 2002, 80, 35-39.	2.0	29
15	Myeloperoxidase modulates human platelet aggregation via actin cytoskeleton reorganization and store-operated calcium entry. Biology Open, 2013, 2, 916-923.	1.2	29
16	Human apo-lactoferrin as a physiological mimetic of hypoxia stabilizes hypoxia-inducible factor-1 alpha. BioMetals, 2012, 25, 1247-1259.	4.1	28
17	Effect of lactoferrin on oxidative features of ceruloplasmin. BioMetals, 2009, 22, 521-529.	4.1	27
18	Interactions of caeruloplasmin with other proteins participating in inflammation. Biochemical Society Transactions, 2010, 38, 947-951.	3.4	20

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19	Obtaining mice that carry human mitochondrial DNA transmitted to the progeny. <i>Molecular Reproduction and Development</i> , 2004, 68, 299-307.	2.0	19
20	Protection of ceruloplasmin by lactoferrin against hydroxyl radicals is pH dependent¹</sup>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
21	Ceruloplasmin decreases respiratory burst reaction during pregnancy. <i>Free Radical Research</i> , 2016, 50, 909-919.	3.3	19
22	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
23	Transmission of human mitochondrial DNA along the paternal lineage in transmitochondrial mice. <i>Mitochondrion</i> , 2013, 13, 330-336.	3.4	15
24	Familial hypercholesterolemia mutations in Petrozavodsk: no similarity to St. Petersburg mutation spectrum. <i>BMC Medical Genetics</i> , 2013, 14, 128.	2.1	14
25	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
26	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
27	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
28	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
29	Interaction of macrophage migration inhibitory factor with ceruloplasmin: role of labile copper ions. <i>BioMetals</i> , 2015, 28, 817-826.	4.1	10
30	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
31	Enzymatic and bactericidal activity of myeloperoxidase in conditions of halogenative stress. <i>Biochemistry and Cell Biology</i> , 2018, 96, 580-591.	2.0	9
32	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
33	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
34	Potential role of lactoferrin in early diagnostics and treatment of Parkinson disease. <i>Meditinskii Akademicheskii Zhurnal</i> , 2020, 20, 37-44.	0.2	6
35	Assaying the probabilities of obtaining maternally inherited heteroplasmy as the basis for modeling OXPHOS diseases in animals. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 679-685.	1.0	5
36	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

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37	Familial Hypercholesterolemia in Russia: Three Decades of Genetic Studies. <i>Frontiers in Genetics</i> , 2020, 11, 550591.	2.3	5
38	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. <i>Mitochondrion</i> , 2002, 1, 479-483.	3.4	3
39	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
40	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
41	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
42	Distribution of paternally inherited foreign mtDNA in early mouse embryos. <i>Cell and Tissue Biology</i> , 2015, 9, 208-216.	0.4	0
43	Distribution of introduced human mitochondrial DNA in early stage mouse embryos. <i>Meditinskii Akademicheskii Zhurnal</i> , 2020, 20, 69-78.	0.2	0
44	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