

Alexey F Topunov

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

220
citations

1163117

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1199594

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all docs

12
docs citations

12
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbonyl Stress in Red Blood Cells and Hemoglobin. <i>Antioxidants</i> , 2021, 10, 253.	5.1	16
2	Expressed Soybean Leghemoglobin: Effect on <i>Escherichia coli</i> at Oxidative and Nitrosative Stress. <i>Molecules</i> , 2021, 26, 7207.	3.8	7
3	Protective Effect of Dinitrosyl Iron Complexes Bound with Hemoglobin on Oxidative Modification by Peroxynitrite. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13649.	4.1	8
4	Protective Effect of Dinitrosyl Iron Complexes with Glutathione in Red Blood Cell Lysis Induced by Hypochlorous Acid. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-12.	4.0	17
5	New dinitrosyl iron complexes bound with physiologically active dipeptide carnosine. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 153-160.	2.6	9
6	Dinitrosyl Iron Complexes and other Physiological Metabolites of Nitric Oxide: Multifarious Role in Plants. <i>Natural Product Communications</i> , 2016, 11, 1934578X1601100.	0.5	3
7	Dinitrosyl Iron Complexes and other Physiological Metabolites of Nitric Oxide: Multifarious Role in Plants. <i>Natural Product Communications</i> , 2016, 11, 1189-1192.	0.5	5
8	Formation of nitri- and nitrosylhemoglobin in systems modeling the Maillard reaction. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 161-8.	2.3	12
9	Interaction of S-Nitrosoglutathione with Methemoglobin Under Conditions of Modeling Carbonyl Stress. <i>Hemoglobin</i> , 2013, 37, 205-218.	0.8	8
10	Interaction of reactive oxygen and nitrogen species with albumin- and methemoglobin-bound dinitrosyl-iron complexes. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 18, 37-46.	2.7	79
11	Dinitrosyl Iron Complexes Bind with Hemoglobin as Markers of Oxidative Stress. <i>Methods in Enzymology</i> , 2008, 436, 445-461.	1.0	44
12	Cloning and expression of plant leghemoglobin cDNA of <i>Lupinus luteus</i> in <i>Escherichia coli</i> and purification of the recombinant protein. <i>Plant Science</i> , 1995, 108, 109-117.	3.6	12