

Milan NikoliÄ

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

667
citations

687335

13
h-index

610883

24
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41
all docs

41
docs citations

41
times ranked

946
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and antioxidant activity of β -lactoglobulin-glycoconjugates obtained by high-intensity-ultrasound-induced Maillard reaction in aqueous model systems under neutral conditions. <i>Food Chemistry</i> , 2013, 138, 590-599.	8.2	109
2	Iron catalyzed conversion of NO into nitrosonium (NO ⁺) and nitroxyl (HNO/NO ⁻) species. <i>Nitric Oxide - Biology and Chemistry</i> , 2004, 11, 256-262.	2.7	51
3	Digestion by pepsin releases biologically active chromopeptides from C-phycoerythrin, a blue-colored biliprotein of microalga <i>Spirulina</i> . <i>Journal of Proteomics</i> , 2016, 147, 132-139.	2.4	47
4	Lipid status, anti-oxidant enzyme defence and haemoglobin content in the blood of long-term clozapine-treated schizophrenic patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2010, 34, 303-307.	4.8	46
5	Stabilization of Human Serum Albumin by the Binding of Phycocyanobilin, a Bioactive Chromophore of Blue-Green Alga <i>Spirulina</i> : Molecular Dynamics and Experimental Study. <i>PLoS ONE</i> , 2016, 11, e0167973.	2.5	35
6	Selenazolyl-hydrazones as Novel Selective MAO Inhibitors With Antiproliferative and Antioxidant Activities: Experimental and In-silico Studies. <i>Frontiers in Chemistry</i> , 2018, 6, 247.	3.6	34
7	Characterization and effects of binding of food-derived bioactive phycocyanobilin to bovine serum albumin. <i>Food Chemistry</i> , 2018, 239, 1090-1099.	8.2	32
8	Phycocyanobilin, a bioactive tetrapyrrolic compound of blue-green alga <i>Spirulina</i> , binds with high affinity and competes with bilirubin for binding on human serum albumin. <i>RSC Advances</i> , 2015, 5, 61787-61798.	3.6	28
9	<i>Spirulina</i> Phycobiliproteins as Food Components and Complements. , 0, , .		27
10	Effect of atypical antipsychotics on antioxidant enzyme activities in human erythrocytes (in) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.5	24
11	Clozapine, ziprasidone, and sertindole-induced morphological changes in the rat heart and their relationship to antioxidant enzymes function. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 844-853.	2.3	22
12	Pd(II) complexes with N-heteroaromatic hydrazone ligands: Anticancer activity, in silico and experimental target identification. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110758.	3.5	19
13	Cholesterol bound to hemoglobin in normal human erythrocytes: a new form of cholesterol in circulation?. <i>Clinical Biochemistry</i> , 2004, 37, 22-26.	1.9	18
14	Structural, antioxidant, antiproliferative and in silico study of pyridine-based hydrazoneyl selenazoles and their sulphur isosteres. <i>Journal of Molecular Structure</i> , 2021, 1240, 130512.	3.6	18
15	Characterisation and the effects of bilirubin binding to human fibrinogen. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 74-79.	7.5	14
16	Contribution of anion- π interactions to the stability of Sm/LSm proteins. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 475-485.	2.6	13
17	Phycocyanobilin-modified β -lactoglobulin exhibits increased antioxidant properties and stability to digestion and heating. <i>Food Hydrocolloids</i> , 2022, 123, 107169.	10.7	13
18	Efflux of cholesterol and phospholipids derived from the haemoglobin-lipid adduct in human red blood cells into plasma. <i>Clinical Biochemistry</i> , 2007, 40, 305-309.	1.9	12

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19	Anion-π interactions in protein-porphyrin complexes. RSC Advances, 2015, 5, 38361-38372.	3.6	12
20	Atypical antipsychotic clozapine binds fibrinogen and affects fibrin formation. International Journal of Biological Macromolecules, 2020, 154, 142-149.	7.5	11
21	Covalent binding of food-derived blue pigment phycocyanobilin to bovine β ₂ -lactoglobulin under physiological conditions. Food Chemistry, 2018, 269, 43-52.	8.2	9
22	Probing the stability of the food colourant R-phycoerythrin from dried Nori flakes. Food Chemistry, 2022, 374, 131780.	8.2	9
23	Could cholesterol bound to haemoglobin be a missing link for the occasional inverse relationship between superoxide dismutase and glutathione peroxidase activities?. Biochemical and Biophysical Research Communications, 2006, 348, 265-270.	2.1	7
24	Insulin-induced lipid binding to hemoglobin. Journal of the Serbian Chemical Society, 2003, 68, 25-34.	0.8	7
25	Covalent Glycoinositolphospholipid Binding to Hemoglobin: A New Post-translational Modification of Hb Occurring in Hyperinsulinism with Concomitant Hypoglycemia. Biochemical and Biophysical Research Communications, 1997, 239, 435-438.	2.1	6
26	Computational Analysis of Non-covalent Interactions in Phycocyanin Subunit Interfaces. Molecular Informatics, 2019, 38, e1800145.	2.5	6
27	Effects of antipsychotic drug administration on antioxidative defense enzymes in male rat kidney. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2016, 79, 905-911.	2.3	5
28	Effects of several atypical antipsychotics clozapine, sertindole or ziprasidone on hepatic antioxidant enzymes: Possible role in drug-induced liver dysfunction. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2021, 84, 173-182.	2.3	5
29	Nutraceutical phycocyanobilin binding to catalase protects the pigment from oxidation without affecting catalytic activity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 251, 119483.	3.9	5
30	Antipsychotic clozapine binding to alpha-2-macroglobulin protects interacting partners against oxidation and preserves the anti-proteinase activity of the protein. International Journal of Biological Macromolecules, 2021, 183, 502-512.	7.5	5
31	Dietary lipid intake influences the level of cholesterol bound to haemoglobin in human erythrocytes. European Journal of Nutrition, 2008, 47, 123-130.	3.9	4
32	Manganese superoxide dismutase (MnSOD) catalyzes NO-dependent tyrosine residue nitration. Journal of the Serbian Chemical Society, 2005, 70, 601-608.	0.8	4
33	Does cholesterol bound to haemoglobin affect the anti-oxidant enzyme defence system in human erythrocytes?. Journal of the Serbian Chemical Society, 2007, 72, 339-345.	0.8	3
34	Contribution of cation-π interactions to the stability of Sm/LSm oligomeric assemblies. Protoplasma, 2015, 252, 947-958.	2.1	3
35	Opposite clozapine and ziprasidone effects on the reactivity of plasma albumin SH-group are the consequence of their different binding properties dependent on protein fatty acids content. Chemico-Biological Interactions, 2019, 311, 108787.	4.0	2
36	Analytical Protocols in Phycobiliproteins Analysis. , 2020, , 179-201.		2

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37	Oxidative stress and hemoglobinâ€“cholesterol adduct in renal patients with different LDL phenotypes. <i>International Urology and Nephrology</i> , 2016, 48, 1683-1690.	1.4	0
38	Insulin-induced glycosylphosphatidylinositol (GPI) binding to red cell membrane proteins. <i>Journal of the Serbian Chemical Society</i> , 2002, 67, 819-824.	0.8	0
39	Covalent glycoinositolphospholipid (GPI) binding to hemoglobin is associated with insulin-activation of erythrocyte membrane protease. <i>Journal of the Serbian Chemical Society</i> , 2004, 69, 343-348.	0.8	0
40	Aromatic Ÿ€-networks in Sm/LSm protein interfaces. <i>Facta Universitatis - Series Physics Chemistry and Technology</i> , 2014, 12, 27-39.	0.5	0
41	A Case Report of Exacerbation of Leg Ulcers Associated with Acute High-dose Acetylsalicylic Acid in a Patient with Klinefelter Syndrome. <i>Cureus</i> , 2019, 11, e6449.	0.5	0