## Milan Nikolić

List of Publications by Year in descending order

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Μυλη Νικομάτ

#	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. Food Chemistry, 2013, 138, 590-599.	8.2	109
2	Iron catalyzed conversion of NO into nitrosonium (NO+) and nitroxyl (HNO/NOâ^') species. Nitric Oxide - Biology and Chemistry, 2004, 11, 256-262.	2.7	51
3	Digestion by pepsin releases biologically active chromopeptides from C-phycocyanin, a blue-colored biliprotein of microalga Spirulina. Journal of Proteomics, 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. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 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 Spirulina: Molecular Dynamics and Experimental Study. PLoS ONE, 2016, 11, e0167973.	2.5	35
6	Selenazolyl-hydrazones as Novel Selective MAO Inhibitors With Antiproliferative and Antioxidant Activities: Experimental and In-silico Studies. Frontiers in Chemistry, 2018, 6, 247.	3.6	34
7	Characterization and effects of binding of food-derived bioactive phycocyanobilin to bovine serum albumin. Food Chemistry, 2018, 239, 1090-1099.	8.2	32
8	Phycocyanobilin, a bioactive tetrapyrrolic compound of blue-green alga Spirulina, binds with high affinity and competes with bilirubin for binding on human serum albumin. RSC Advances, 2015, 5, 61787-61798.	3.6	28
9	Spirulina Phycobiliproteins as Food Components and Complements. , 0, , .		27
10	Effect of atypical antipsychotics on antioxidant enzyme activities in human erythrocytes ( <i>in) Tj ETQq0 0 0 rgE</i>	T /Overloo	ck 10 Tf 50 3
11	Clozapine, ziprasidone, and sertindole-induced morphological changes in the rat heart and their relationship to antioxidant enzymes function. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2018, 81, 844-853.	2.3	22
12	Pd(II) complexes with N-heteroaromatic hydrazone ligands: Anticancer activity, in silico and experimental target identification. Journal of Inorganic Biochemistry, 2019, 199, 110758.	3.5	19
13	Cholesterol bound to hemoglobin in normal human erythrocytes: a new form of cholesterol in circulation?. Clinical Biochemistry, 2004, 37, 22-26.	1.9	18
14	Structural, antioxidant, antiproliferative and in‒silico study of pyridine-based hydrazonyl‒selenazoles and their sulphur isosteres. Journal of Molecular Structure, 2021, 1240, 130512.	3.6	18
15	Characterisation and the effects of bilirubin binding to human fibrinogen. International Journal of Biological Macromolecules, 2019, 128, 74-79.	7.5	14
16	Contribution of anion–π interactions to the stability of Sm/LSm proteins. Journal of Biological Inorganic Chemistry, 2015, 20, 475-485.	2.6	13
17	Phycocyanobilin-modified Î <sup>2</sup> -lactoglobulin exhibits increased antioxidant properties and stability to digestion and heating. Food Hydrocolloids, 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. Clinical Biochemistry, 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-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 Clycoinositolphospholipid 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 ovalent 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 closapine, 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

Analytical Protocols in Phycobiliproteins Analysis. , 2020, , 179-201.

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37	Oxidative stress and hemoglobin–cholesterol adduct in renal patients with different LDL phenotypes. International Urology and Nephrology, 2016, 48, 1683-1690.	1.4	0
38	Insulin-induced glycosylphosphatidylinositol (GPI) binding to red cell membrane proteins. Journal of the Serbian Chemical Society, 2002, 67, 819-824.	0.8	0
39	Covalent glycoinositolphospholipid (GPI) binding to hemoglobin is associated with insulin-activation of erythrocyte membrane protease. Journal of the Serbian Chemical Society, 2004, 69, 343-348.	0.8	0
40	Aromatic π-networks in Sm/LSm protein interfaces. Facta Universitatis - Series Physics Chemistry and Technology, 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. Cureus, 2019, 11, e6449.	0.5	0