

Vesna B Jovanovic

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

137
citations

7
h-index

11
g-index

19
ext. papers

152
ext. citations

3.7
avg, IF

2.1
L-index

#	Paper	IF	Citations
18	Fatty acids binding to human serum albumin: Changes of reactivity and glycation level of Cysteine-34 free thiol group with methylglyoxal. <i>Chemico-Biological Interactions</i> , 2014 , 224, 42-50	5	22
17	Influence of the microenvironment of thiol groups in low molecular mass thiols and serum albumin on the reaction with methylglyoxal. <i>Chemico-Biological Interactions</i> , 2010 , 188, 21-30	5	17
16	Improving the reliability of human serum albumin-thiol group determination. <i>Analytical Biochemistry</i> , 2013 , 439, 17-22	3.1	13
15	Method for monitoring of the protein amino group changes during carbonylation. <i>Clinical Biochemistry</i> , 2011 , 44, 994-9	3.5	13
14	The influence of fatty acids on determination of human serum albumin thiol group. <i>Analytical Biochemistry</i> , 2014 , 448, 50-7	3.1	12
13	The possibility of determining N-acetyl-beta-D-glucosaminidase isoenzymes under alkaline conditions. <i>Clinical Biochemistry</i> , 2005 , 38, 384-9	3.5	11
12	Binding of enterolactone and enterodiol to human serum albumin: increase of cysteine-34 thiol group reactivity. <i>Food and Function</i> , 2016 , 7, 1217-26	6.1	10
11	HSA carbonylation with methylglyoxal and the binding/release of copper(II) ions. <i>Metallomics</i> , 2015 , 7, 1431-8	4.5	7
10	The efficiency of compounds with amino-mercapto-ethane group in protection of human serum albumin carbonylation and cross-linking with methylglyoxal. <i>Molecular BioSystems</i> , 2014 , 10, 2166-75		7
9	Regioselective Synthesis of a Stereodefined Heterocyclic Push-Pull Alkene. 1H NMR Studies and Two-Dimensional TLC Illustrating Z/E Isomerization. <i>Journal of Chemical Education</i> , 2004 , 81, 1026	2.4	7
8	Monitoring of the human serum albumin carbonylation level through determination of guanidino group content. <i>Analytical Biochemistry</i> , 2013 , 433, 162-7	3.1	6
7	Non-covalent interactions across subunit interfaces in Sm proteins. <i>Journal of Theoretical Biology</i> , 2011 , 271, 18-26	2.3	4
6	Quantification of total content of non-esterified fatty acids bound to human serum albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 129, 43-49	3.5	3
5	The interplay between copper(II), human serum albumin, fatty acids, and carbonylating agent interferes with Cys 34 thiol reactivity and copper binding. <i>Journal of Biological Inorganic Chemistry</i> , 2019 , 24, 61-70	3.7	3
4	Alpha-Gal on the Protein Surface Hampers Transcytosis through the Caco-2 Monolayer. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
3	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. <i>Chemico-Biological Interactions</i> , 2019 , 311, 108787	5	0
2	How the sialylation level of serum N-acetyl-D-glucosaminidase a form in type 1 diabetes mellitus influences its activity?. <i>Journal of the Serbian Chemical Society</i> , 2014 , 79, 1491-1503	0.9	

- 1 Influence of pigments and pH of urine on the determination of N-acetyl-beta-D-glucosaminidase activity with 2-methoxy-4-(2-nitrovinyl)-phenyl-N-acetyl-beta-D-glucosaminide. *Journal of Clinical Laboratory Analysis*, **2005**, 19, 260-6 3