

# Jelena M. AÄimoviÄ

## List of Publications by Year in descending order

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16  
papers

196  
citations

1040018

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h-index

1058452

14  
g-index

16  
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16  
docs citations

16  
times ranked

263  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.0	30
2	The role of the thiol group in protein modification with methylglyoxal. <i>Journal of the Serbian Chemical Society</i> , 2009, 74, 867-883.	0.8	28
3	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.	4.0	20
4	Method for monitoring of the protein amino group changes during carbonylation. <i>Clinical Biochemistry</i> , 2011, 44, 994-999.	1.9	19
5	The influence of fatty acids on determination of human serum albumin thiol group. <i>Analytical Biochemistry</i> , 2014, 448, 50-57.	2.4	16
6	Binding of enterolactone and enterodiol to human serum albumin: increase of cysteine-34 thiol group reactivity. <i>Food and Function</i> , 2016, 7, 1217-1226.	4.6	16
7	Improving the reliability of human serum albumin-thiol group determination. <i>Analytical Biochemistry</i> , 2013, 439, 17-22.	2.4	15
8	The possibility of determining N-acetyl- $\beta$ -D-glucosaminidase isoenzymes under alkaline conditions. <i>Clinical Biochemistry</i> , 2005, 38, 384-389.	1.9	11
9	Reactivity of IGF binding protein-3 isoforms towards concanavalin A in healthy adults and subjects with cirrhosis. <i>Addiction Biology</i> , 2003, 8, 81-88.	2.6	9
10	HSA carbonylation with methylglyoxal and the binding/release of copper(ii) ions. <i>Metallomics</i> , 2015, 7, 1431-1438.	2.4	8
11	The efficiency of compounds with $\beta$ -amino- $\beta$ -mercapto-ethane group in protection of human serum albumin carbonylation and cross-linking with methylglyoxal. <i>Molecular BioSystems</i> , 2014, 10, 2166-2175.	2.9	7
12	Monitoring of the human serum albumin carbonylation level through determination of guanidino group content. <i>Analytical Biochemistry</i> , 2013, 433, 162-167.	2.4	6
13	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.	2.6	6
14	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.	2.8	4
15	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. <i>Journal of Clinical Laboratory Analysis</i> , 2005, 19, 260-266.	2.1	1
16	How the sialylation level of serum N-acetyl- $\beta$ -D-glucosaminidase a form in type 1 diabetes mellitus influences its activity?. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 1491-1503.	0.8	0