

# Rastislav Monosik

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

690  
citations

759233

12  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1138  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosensors - classification, characterization and new trends. <i>Acta Chimica Slovaca</i> , 2012, 5, 109-120.	0.8	180
2	Application of Enzyme Biosensors in Analysis of Food and Beverages. <i>Food Analytical Methods</i> , 2012, 5, 40-53.	2.6	82
3	Application of Electrochemical Biosensors in Clinical Diagnosis. <i>Journal of Clinical Laboratory Analysis</i> , 2012, 26, 22-34.	2.1	79
4	A rapid method for determination of l-lactic acid in real samples by amperometric biosensor utilizing nanocomposite. <i>Food Control</i> , 2012, 23, 238-244.	5.5	49
5	Amperometric glucose biosensor utilizing FAD-dependent glucose dehydrogenase immobilized on nanocomposite electrode. <i>Enzyme and Microbial Technology</i> , 2012, 50, 227-232.	3.2	47
6	Effect of dietary advanced glycation end products on postprandial appetite, inflammation, and endothelial activation in healthy overweight individuals. <i>European Journal of Nutrition</i> , 2014, 53, 661-672.	3.9	44
7	Monitoring of monosaccharides, oligosaccharides, ethanol and glycerol during wort fermentation by biosensors, HPLC and spectrophotometry. <i>Food Chemistry</i> , 2013, 138, 220-226.	8.2	39
8	Multienzymatic amperometric biosensor based on gold and nanocomposite planar electrodes for glycerol determination in wine. <i>Analytical Biochemistry</i> , 2012, 421, 256-261.	2.4	36
9	A simple paper-strip colorimetric method utilizing dehydrogenase enzymes for analysis of food components. <i>Analytical Methods</i> , 2015, 7, 8177-8184.	2.7	31
10	Short-term effects of dietary advanced glycation end products in rats. <i>British Journal of Nutrition</i> , 2016, 115, 629-636.	2.3	26
11	A Biosensor Utilizing l-Glutamate Dehydrogenase and Diaphorase Immobilized on Nanocomposite Electrode for Determination of l-Glutamate in Food Samples. <i>Food Analytical Methods</i> , 2013, 6, 521-527.	2.6	20
12	Utilisation of micro- and nanoscaled materials in microfluidic analytical devices. <i>Microchemical Journal</i> , 2015, 119, 159-168.	4.5	20
13	Comparison of biosensors based on gold and nanocomposite electrodes for monitoring of malic acid in wine. <i>Open Chemistry</i> , 2012, 10, 157-164.	1.9	12
14	Monitoring of PQQ-Dependent Glucose Dehydrogenase Substrate Specificity for Its Potential Use in Biocatalysis and Bioanalysis. <i>Applied Biochemistry and Biotechnology</i> , 2013, 171, 1032-1041.	2.9	10
15	Dried urine swabs as a tool for monitoring metabolite excretion. <i>Bioanalysis</i> , 2018, 10, 1371-1381.	1.5	8
16	A versatile UHPLC-MSMS method for simultaneous quantification of various alcohol intake related compounds in human urine and blood. <i>Analytical Methods</i> , 2016, 8, 6865-6871.	2.7	7