

# Zdenka Bartosova

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

175  
citations

1163117

8  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

320  
citing authors

#	ARTICLE	IF	CITATIONS
1	Absolute Quantification of the Central Carbon Metabolome in Eight Commonly Applied Prokaryotic and Eukaryotic Model Systems. <i>Metabolites</i> , 2020, 10, 74.	2.9	39
2	Demyelinating polyneuropathy in goats lacking prion protein. <i>FASEB Journal</i> , 2020, 34, 2359-2375.	0.5	27
3	High-performance liquid chromatographic method with amperometric detection employing boron-doped diamond electrode for the determination of sildenafil, vardenafil and their main metabolites in plasma. <i>Journal of Chromatography A</i> , 2011, 1218, 7996-8001.	3.7	23
4	High Throughput Semiquantitative UHPSFC-MS/MS Lipid Profiling and Lipid Class Determination. <i>Journal of Chromatographic Science</i> , 2021, 59, 670-680.	1.4	13
5	Combined Metabolome and Lipidome Analyses for In-Depth Characterization of Lipid Accumulation in the DHA Producing <i>Aurantiochytrium</i> sp. T66. <i>Metabolites</i> , 2021, 11, 135.	2.9	12
6	Electrochemical characterization of repaglinide and its determination in human plasma using liquid chromatography with dual-channel coulometric detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 3243-3248.	2.3	10
7	Electrochemically Pretreated Carbon Microfiber Electrodes as Sensitive HPLC-EC Detectors. <i>Scientific World Journal</i> , The, 2012, 2012, 1-6.	2.1	10
8	Overexpression of Two New Acyl-CoA:Diacylglycerol Acyltransferase 2-Like Acyl-CoA:Sterol Acyltransferases Enhanced Squalene Accumulation in <i>Aurantiochytrium limacinum</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 822254.	3.5	9
9	HPLC-ED of low-molecular weight brominated phenols and tetrabromobisphenol A using pretreated carbon fiber microelectrode. <i>Talanta</i> , 2014, 122, 115-121.	5.5	8
10	Electrochemical Pretreatment of Carbon Fiber Microelectrodes Based on Sinusoidal-wave Potential Cycling and its Application to Amperometric Sensing of Bioactive Compounds. <i>Current Analytical Chemistry</i> , 2013, 9, 305-311.	1.2	6
11	Electrochemical Pretreatment of Carbon Fiber Microelectrodes Based on Sinusoidal-wave Potential Cycling and its Application to Amperometric Sensing of Bioactive Compounds. <i>Current Analytical Chemistry</i> , 2013, 9, 305-311.	1.2	6
12	Diet and Life Stage-Associated Lipidome Remodeling in Atlantic Salmon. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 3787-3796.	5.2	5
13	Study of electrochemical oxidation of cyanidin glycosides by online combination of electrochemistry with electrospray ionization tandem mass spectrometry. <i>Monatshefte für Chemie</i> , 2011, 142, 1211-1217.	1.8	4
14	Impaired NDRG1 functions in Schwann cells cause demyelinating neuropathy in a dog model of Charcot-Marie-Tooth type 4D. <i>Neuromuscular Disorders</i> , 2021, 31, 56-68.	0.6	3