

Mirela Sarbu

List of Publications by Year in descending order

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17
papers

306
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933447

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264
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion Mobility Mass Spectrometry Reveals Rare Sialylated Glycosphingolipid Structures in Human Cerebrospinal Fluid. <i>Molecules</i> , 2022, 27, 743.	3.8	7
2	Gangliosides as Biomarkers of Human Brain Diseases: Trends in Discovery and Characterization by High-Performance Mass Spectrometry. <i>International Journal of Molecular Sciences</i> , 2022, 23, 693.	4.1	8
3	Developments and Applications of separation and microfluidics methods coupled to electrospray mass spectrometry in glycomics of nervous system gangliosides. <i>Electrophoresis</i> , 2021, 42, 429-449.	2.4	6
4	Gangliosides of Human Glioblastoma Multiforme: A Comprehensive Mapping and Structural Analysis by Ion Mobility Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1249-1257.	2.8	17
5	Modern techniques for separation, mass spectrometric detection, and characterization of glycolipids. , 2021, , 485-527.		0
6	Cerebrospinal fluid: Profiling and fragmentation of gangliosides by ion mobility mass spectrometry. <i>Biochimie</i> , 2020, 170, 36-48.	2.6	18
7	Ion mobility mass spectrometry of human melanoma gangliosides. <i>Biochimie</i> , 2020, 177, 226-237.	2.6	15
8	Urinary proteins detected using modern proteomics intervene in early type 2 diabetic kidney disease – a pilot study. <i>Biomarkers in Medicine</i> , 2020, 14, 1521-1536.	1.4	7
9	Trends in Glycolipid Biomarker Discovery in Neurodegenerative Disorders by Mass Spectrometry. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1140, 703-729.	1.6	13
10	Human caudate nucleus exhibits a highly complex ganglioside pattern as revealed by high-resolution multistage Orbitrap MS. <i>Journal of Carbohydrate Chemistry</i> , 2019, 38, 531-551.	1.1	7
11	Gangliosidome of human anencephaly: A high resolution multistage mass spectrometry study. <i>Biochimie</i> , 2019, 163, 142-151.	2.6	9
12	Ion mobility mass spectrometry provides novel insights into the expression and structure of gangliosides in the normal adult human hippocampus. <i>Analyst</i> , The, 2018, 143, 5234-5246.	3.5	27
13	Assessment of ganglioside age-related and topographic specificity in human brain by Orbitrap mass spectrometry. <i>Analytical Biochemistry</i> , 2017, 521, 40-54.	2.4	27
14	Electrospray ionization ion mobility mass spectrometry provides novel insights into the pattern and activity of fetal hippocampus gangliosides. <i>Biochimie</i> , 2017, 139, 81-94.	2.6	25
15	Electrospray Ionization Ion Mobility Mass Spectrometry of Human Brain Gangliosides. <i>Analytical Chemistry</i> , 2016, 88, 5166-5178.	6.5	65
16	Recent developments and applications of electron transfer dissociation mass spectrometry in proteomics. <i>Amino Acids</i> , 2014, 46, 1625-1634.	2.7	34
17	Early stage fetal neocortex exhibits a complex ganglioside profile as revealed by high resolution tandem mass spectrometry. <i>Glycoconjugate Journal</i> , 2014, 31, 231-245.	2.7	21