

# Cristian V A Munteanu

## List of Publications by Year in descending order

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36  
papers

314  
citations

933447

10  
h-index

996975

15  
g-index

37  
all docs

37  
docs citations

37  
times ranked

363  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Profiling and sequence analysis of gangliosides in human astrocytoma by high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7321-7335.	3.7	24
3	EDEM1 Drives Misfolded Protein Degradation via ERAD and Exploits ER-Phagy as Back-Up Mechanism When ERAD Is Impaired. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3468.	4.1	23
4	Functionalized Graphene Oxide Thin Films for Anti-tumor Drug Delivery to Melanoma Cells. <i>Frontiers in Chemistry</i> , 2020, 8, 184.	3.6	22
5	Silencing the Cytoskeleton Protein Iba1 (Ionized Calcium Binding Adapter Protein 1) Interferes with BV2 Microglia Functioning. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 1011-1027.	3.3	21
6	Trojan horse treatment based on PEG-coated extracellular vesicles to deliver doxorubicin to melanoma <i>in vitro</i> and <i>in vivo</i> . <i>Cancer Biology and Therapy</i> , 2022, 23, 1-16.	3.4	21
7	Epitope located <i>N</i> -glycans impair the MHC $\beta$ epitope generation and presentation. <i>Electrophoresis</i> , 2016, 37, 1448-1460.	2.4	14
8	Orbitrap mass spectrometry for monitoring the ganglioside pattern in human cerebellum development and aging. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4502.	1.6	14
9	Identification of an unusually sulfated tetrasaccharide chondroitin/dermatan motif in mouse brain by combining chip $\text{\textasciitimes}$ nanoelectrospray multistage $\text{MS}^2$ $\text{MS}^4$ and high resolution $\text{MS}$ . <i>Electrophoresis</i> , 2013, 34, 1581-1592.	2.4	12
10	Y2O3 Nanoparticles and X-ray Radiation-Induced Effects in Melanoma Cells. <i>Molecules</i> , 2021, 26, 3403.	3.8	11
11	Rare-Earth Metal Complexes of the Antibacterial Drug Oxolinic Acid: Synthesis, Characterization, DNA/Protein Binding and Cytotoxicity Studies. <i>Molecules</i> , 2020, 25, 5418.	3.8	10
12	Orbitrap mass spectrometry characterization of hybrid chondroitin/dermatan sulfate hexasaccharide domains expressed in brain. <i>Analytical Biochemistry</i> , 2015, 485, 122-131.	2.4	9
13	Cross-talk between Dopachrome Tautomerase and Caveolin-1 Is Melanoma Cell Phenotype-specific and Potentially Involved in Tumor Progression. <i>Journal of Biological Chemistry</i> , 2016, 291, 12481-12500.	3.4	9
14	Gangliosidome of human anencephaly: A high resolution multistage mass spectrometry study. <i>Biochimie</i> , 2019, 163, 142-151.	2.6	9
15	Phosphoketolases from <i>Lactococcus lactis</i> , <i>Leuconostoc mesenteroides</i> and <i>Pseudomonas aeruginosa</i> : dissimilar sequences, similar substrates but distinct enzymatic characteristics. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 7855-7867.	3.6	8
16	Profiling Optimal Conditions for Capturing EDEM Proteins Complexes in Melanoma Using Mass Spectrometry. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1140, 155-167.	1.6	8
17	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
18	Affinity Proteomics and Deglycoproteomics Uncover Novel EDEM2 Endogenous Substrates and an Integrative ERAD Network. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100125.	3.8	7

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19	EDEM3 Domains Cooperate to Perform Its Overall Cell Functioning. International Journal of Molecular Sciences, 2021, 22, 2172.	4.1	7
20	Urinary proteins detected using modern proteomics intervene in early type 2 diabetic kidney disease – a pilot study. Biomarkers in Medicine, 2020, 14, 1521-1536.	1.4	7
21	Analysis of EYA3 Phosphorylation by Src Kinase Identifies Residues Involved in Cell Proliferation. International Journal of Molecular Sciences, 2019, 20, 6307.	4.1	6
22	High resolution mass spectrometry provides novel insights into the ganglioside pattern of brain cavernous hemangioma. Analytical Biochemistry, 2020, 609, 113976.	2.4	6
23	Secondary compounds in the catalytic hydrogenation of enone and allylic alcohol prostaglandin intermediates: isolation, characterization, and X-ray crystallography. New Journal of Chemistry, 2019, 43, 7582-7599.	2.8	4
24	Identification and structural characterization of novel O- and N-glycoforms in the urine of a Schindler disease patient by Orbitrap mass spectrometry. Journal of Mass Spectrometry, 2015, 50, 1044-1056.	1.6	3
25	Regioselective reactions on a 1,3-disubstituted dihydroxymethyl or dicarboxyl hexahydropentalene skeleton. Tetrahedron, 2015, 71, 6852-6859.	1.9	3
26	High-resolution mass spectrometry reveals a complex ganglioside pattern and novel polysialylated structures associated with the human motor cortex. European Journal of Mass Spectrometry, 2021, 27, 205-214.	1.0	3
27	Dataset of human EDEM2 melanoma cells proteomics, affinity proteomics and deglycoproteomics. Data in Brief, 2021, 39, 107471.	1.0	3
28	Designed Peptide Inhibitors of STEP Phosphatase – GluA2 AMPA Receptor Interaction Enhance the Cognitive Performance in Rats. Journal of Medicinal Chemistry, 2022, 65, 217-233.	6.4	3
29	Gangliosidome of a Human Hippocampus in Temporal Lobe Epilepsy Resolved by High-Resolution Tandem Mass Spectrometry. Molecules, 2022, 27, 4056.	3.8	3
30	MCPB treatment of (±)-(1±,3±,3a±,6a±)-1,2,3,3a,4,6a-hexahydro-1,3-pentalenedimethanol and its O-acyl-protected derivatives; X-ray crystallography. Tetrahedron, 2015, 71, 4154-4162.	1.9	2
31	A long-range tautomeric effect on a new Schiff isoniazid analogue, evidenced by NMR study and X-ray crystallography. New Journal of Chemistry, 2018, 42, 14459-14468.	2.8	2
32	Mass Spectrometry for Cancer Biomarkers. , 0, , .		2
33	High-Resolution Tandem Mass Spectrometry Identifies a Particular Ganglioside Pattern in Early Diabetic Kidney Disease of Type 2 Diabetes Mellitus Patients. Molecules, 2022, 27, 2679.	3.8	2
34	Novel replicons and trans -encapsidation systems for Hepatitis C Virus proteins live imaging and virus-host interaction proteomics. Journal of Virological Methods, 2017, 246, 42-50.	2.1	1
35	Oleic Acid Amides With Potential Pharmacological Effects in the Overweight Treatment. Revista De Chimie (discontinued), 2018, 69, 790-794.	0.4	1
36	New Carbocyclic Nucleosides with a Constrained Bicyclo[2.2.1]Heptane Fragment as a Glycoside Moiety. Proceedings (mdpi), 2019, 29, 21.	0.2	0