

Cristian V A Munteanu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Designed Peptide Inhibitors of STEP Phosphataseâ€“GluA2 AMPA Receptor Interaction Enhance the Cognitive Performance in Rats. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 217-233.	6.4	3
2	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
3	High-Resolution Tandem Mass Spectrometry Identifies a Particular Ganglioside Pattern in Early Diabetic Kidney Disease of Type 2 Diabetes Mellitus Patients. <i>Molecules</i> , 2022, 27, 2679.	3.8	2
4	Gangliosidome of a Human Hippocampus in Temporal Lobe Epilepsy Resolved by High-Resolution Tandem Mass Spectrometry. <i>Molecules</i> , 2022, 27, 4056.	3.8	3
5	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
6	EDEM3 Domains Cooperate to Perform Its Overall Cell Functioning. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2172.	4.1	7
7	Y2O3 Nanoparticles and X-ray Radiation-Induced Effects in Melanoma Cells. <i>Molecules</i> , 2021, 26, 3403.	3.8	11
8	High-resolution mass spectrometry reveals a complex ganglioside pattern and novel polysialylated structures associated with the human motor cortex. <i>European Journal of Mass Spectrometry</i> , 2021, 27, 205-214.	1.0	3
9	Dataset of human EDEM2 melanoma cells proteomics, affinity proteomics and deglycoproteomics. <i>Data in Brief</i> , 2021, 39, 107471.	1.0	3
10	High resolution mass spectrometry provides novel insights into the ganglioside pattern of brain cavernous hemangioma. <i>Analytical Biochemistry</i> , 2020, 609, 113976.	2.4	6
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	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
13	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
14	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
15	Functionalized Graphene Oxide Thin Films for Anti-tumor Drug Delivery to Melanoma Cells. <i>Frontiers in Chemistry</i> , 2020, 8, 184.	3.6	22
16	Urinary proteins detected using modern proteomics intervene in early type 2 diabetic kidney disease â€“ a pilot study. <i>Biomarkers in Medicine</i> , 2020, 14, 1521-1536.	1.4	7
17	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
18	New Carbocyclic Nucleosides with a Constrained Bicyclo[2.2.1]Heptane Fragment as a Glycoside Moiety. <i>Proceedings (mdpi)</i> , 2019, 29, 21.	0.2	0

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19	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
20	Gangliosidome of human anencephaly: A high resolution multistage mass spectrometry study. <i>Biochimie</i> , 2019, 163, 142-151.	2.6	9
21	Secondary compounds in the catalytic hydrogenation of enone and allylic alcohol prostaglandin intermediates: isolation, characterization, and X-ray crystallography. <i>New Journal of Chemistry</i> , 2019, 43, 7582-7599.	2.8	4
22	Analysis of EYA3 Phosphorylation by Src Kinase Identifies Residues Involved in Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6307.	4.1	6
23	A long-range tautomeric effect on a new Schiff isoniazid analogue, evidenced by NMR study and X-ray crystallography. <i>New Journal of Chemistry</i> , 2018, 42, 14459-14468.	2.8	2
24	Oleic Acid Amides With Potential Pharmacological Effects in the Overweight Treatment. <i>Revista De Chimie (discontinued)</i> , 2018, 69, 790-794.	0.4	1
25	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
26	Novel replicons and trans -encapsidation systems for Hepatitis C Virus proteins live imaging and virus-host interaction proteomics. <i>Journal of Virological Methods</i> , 2017, 246, 42-50.	2.1	1
27	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
28	Epitope located <i>N</i> -glycans impair the MHC β epitope generation and presentation. <i>Electrophoresis</i> , 2016, 37, 1448-1460.	2.4	14
29	Identification and structural characterization of novel <i>O</i> - and <i>N</i> -glycoforms in the urine of a Schindler disease patient by Orbitrap mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2015, 50, 1044-1056.	1.6	3
30	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
31	MCPB treatment of (1 \pm)-3,4,6-tri-O-acetyl-2,3,6-tri-O-benzyl- α -D-glucopyranoside and its O-acetyl-protected derivatives; X-ray crystallography. <i>Tetrahedron</i> , 2015, 71, 4154-4162.	1.9	2
32	Regioselective reactions on a 1,3-disubstituted dihydroxymethyl or dicarboxyl hexahydropentalene skeleton. <i>Tetrahedron</i> , 2015, 71, 6852-6859.	1.9	3
33	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
34	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
35	Identification of an unusually sulfated tetrasaccharide chondroitin/dermatan motif in mouse brain by combining chip-nano electrospray multistage MS^2 and high resolution MS^4 . <i>Electrophoresis</i> , 2013, 34, 1581-1592.	2.4	12
36	Mass Spectrometry for Cancer Biomarkers. , 0, , .		2