

Oliver Ozohanics

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3691284/publications.pdf>

Version: 2024-02-01

39
papers

840
citations

430442

18
h-index

500791

28
g-index

42
all docs

42
docs citations

42
times ranked

1547
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic characterization of thymocyte-derived microvesicles and apoptotic bodies in BALB/c mice. <i>Journal of Proteomics</i> , 2011, 74, 2025-2033.	1.2	128
2	GlycoMiner: a new software tool to elucidate glycopeptide composition. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3245-3254.	0.7	72
3	Stimulation of reactive oxygen species generation by disease-causing mutations of lipoamide dehydrogenase. <i>Human Molecular Genetics</i> , 2011, 20, 2984-2995.	1.4	47
4	High-performance liquid chromatography coupled to mass spectrometry methodology for analyzing site-specific N-glycosylation patterns. <i>Journal of Chromatography A</i> , 2012, 1259, 200-212.	1.8	45
5	Highly potent dUTPase inhibition by a bacterial repressor protein reveals a novel mechanism for gene expression control. <i>Nucleic Acids Research</i> , 2014, 42, 11912-11920.	6.5	36
6	Investigation of genetic variants of Î±-1 acid glycoprotein by ultra-performance liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 393, 991-998.	1.9	34
7	Structural Characterization of Arginine Fingers: Identification of an Arginine Finger for the Pyrophosphatase dUTPases. <i>Journal of the American Chemical Society</i> , 2016, 138, 15035-15045.	6.6	32
8	Distinguishing Core and Antenna Fucosylated Glycopeptides Based on Low-Energy Tandem Mass Spectra. <i>Analytical Chemistry</i> , 2018, 90, 12776-12782.	3.2	28
9	Fragmentation characteristics of glycopeptides. <i>International Journal of Mass Spectrometry</i> , 2013, 345-347, 71-79.	0.7	27
10	Digestion protocol for small protein amounts for nano-HPLC-MS(MS) analysis. <i>Journal of Proteomics</i> , 2011, 74, 942-947.	1.2	25
11	A multipronged approach unravels unprecedented protein-protein interactions in the human 2-oxoglutarate dehydrogenase multienzyme complex. <i>Journal of Biological Chemistry</i> , 2018, 293, 19213-19227.	1.6	25
12	Hydrogen-Deuterium Exchange Mass Spectrometry: A Novel Structural Biology Approach to Structure, Dynamics and Interactions of Proteins and Their Complexes. <i>Life</i> , 2020, 10, 286.	1.1	24
13	Quantitative Comparison of Tandem Mass Spectra Obtained on Various Instruments. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1357-1365.	1.2	23
14	Structure of the dihydrolipoamide succinyltransferase (E2) component of the human alpha-ketoglutarate dehydrogenase complex (hKGDHc) revealed by cryo-EM and cross-linking mass spectrometry: Implications for the overall hKGDHc structure. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129889.	1.1	23
15	Ferrocenyl pyrazolines: Preparation, structure, redox properties and DFT study on regioselective ring-closure. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 4185-4195.	0.8	21
16	Structure and enzymatic mechanism of a moonlighting dUTPase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 2298-2308.	2.5	21
17	Sensitive method for glycosaminoglycan analysis of tissue sections. <i>Journal of Chromatography A</i> , 2018, 1544, 41-48.	1.8	21
18	Composite Aromatic Boxes for Enzymatic Transformations of Quaternary Ammonium Substrates. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13471-13476.	7.2	20

#	ARTICLE	IF	CITATIONS
19	Determination of energy metabolites in cancer cells by porous graphitic carbon liquid chromatography electrospray ionization mass spectrometry for the assessment of energy metabolism. <i>Analytica Chimica Acta</i> , 2014, 819, 108-115.	2.6	18
20	High sensitivity proteomics of prostate cancer tissue microarrays to discriminate between healthy and cancerous tissue. <i>Journal of Proteomics</i> , 2019, 197, 82-91.	1.2	18
21	Widespread alterations in the synaptic proteome of the adolescent cerebral cortex following prenatal immune activation in rats. <i>Brain, Behavior, and Immunity</i> , 2016, 56, 289-309.	2.0	17
22	Synthesis of alkyl β - and β -d-glucopyranoside-based chiral crown ethers and their application as enantioselective phase-transfer catalysts. <i>Research on Chemical Intermediates</i> , 2018, 44, 1627-1645.	1.3	16
23	Changes of protein glycosylation in the course of radiotherapy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 118, 380-386.	1.4	15
24	Rapamycin (mTORC1 inhibitor) reduces the production of lactate and 2-hydroxyglutarate oncometabolites in IDH1 mutant fibrosarcoma cells. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 74.	3.5	15
25	Structural model of human dUTPase in complex with a novel proteinaceous inhibitor. <i>Scientific Reports</i> , 2018, 8, 4326.	1.6	15
26	Molecular Mechanism for the Thermo-Sensitive Phenotype of CHO-MT58 Cell Line Harboring a Mutant CTP:Phosphocholine Cytidyltransferase. <i>PLoS ONE</i> , 2015, 10, e0129632.	1.1	10
27	HPLC enrichment/isolation of proteins for post-translational modification studies from complex mixtures. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 98, 393-400.	1.4	9
28	Comparison of glycopeptide/glycoprotein enrichment techniques. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 215-217.	0.7	8
29	The Stl repressor from <i>Staphylococcus aureus</i> is an efficient inhibitor of the eukaryotic fruitfly dUTPase. <i>FEBS Open Bio</i> , 2018, 8, 158-167.	1.0	7
30	HDX and Native Mass Spectrometry Reveals the Different Structural Basis for Interaction of the Staphylococcal Pathogenicity Island Repressor Stl with Dimeric and Trimeric Phage dUTPases. <i>Biomolecules</i> , 2019, 9, 488.	1.8	7
31	Structure-function analyses of the G729R 2-oxoadipate dehydrogenase genetic variant associated with a disorder of Lysine metabolism. <i>Journal of Biological Chemistry</i> , 2020, 295, 8078-8095.	1.6	7
32	Proteomic identification of membrane-associated placental protein 4 (MP4) as perlecan and characterization of its placental expression in normal and pathologic pregnancies. <i>PeerJ</i> , 2019, 7, e6982.	0.9	6
33	Analysis of Complex Oligosaccharides Using Graphitized Carbon Liquid Chromatography/Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 419-422.	0.5	5
34	Potential steps in the evolution of a fused trimeric all- β dUTPase involve a catalytically competent fused dimeric intermediate. <i>FEBS Journal</i> , 2016, 283, 3268-3286.	2.2	5
35	Mass spectrometry-based analysis of macromolecular complexes of <i>Staphylococcus aureus</i> uracil-DNA glycosylase and its inhibitor reveals specific variations due to naturally occurring mutations. <i>FEBS Open Bio</i> , 2019, 9, 420-427.	1.0	5
36	Syntheses and complexing ability of β -d-glucosyl- and β -d-xylofuranoside-based lariat ethers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2016, 85, 19-32.	0.9	3

#	ARTICLE	IF	CITATIONS
37	Simple correction improving long-term reproducibility of HPLC-MS. Journal of Mass Spectrometry, 2015, 50, 1130-1135.	0.7	1
38	Structure of the Dihydrolipoamide Succinyltransferase (E2) Component of the Human α -ketoglutarate dehydrogenase complex (hKGDHc) revealed by cryo-EM and Cross-linking mass spectrometry: Implications for the overall hKGDHc structure. Free Radical Biology and Medicine, 2020, 159, S29-S30.	1.3	1
39	Redox status of cysteines does not alter functional properties of human dUTPase but the Y54C mutation involved in monogenic diabetes decreases protein stability. Scientific Reports, 2021, 11, 19197.	1.6	0