Oliver Ozohanics

List of Publications by Citations

38 papers	642 citations	16 h-index	24 g-index
42 ext. papers	755 ext. citations	5.4 avg, IF	3.5 L-index

#	Paper	IF	Citations
38	Proteomic characterization of thymocyte-derived microvesicles and apoptotic bodies in BALB/c mice. *Journal of Proteomics*, **2011**, 74, 2025-33	3.9	103
37	GlycoMiner: a new software tool to elucidate glycopeptide composition. *Rapid Communications in Mass Spectrometry*, **2008**, 22, 3245-54	2.2	62
36	High-performance liquid chromatography coupled to mass spectrometry methodology for analyzing site-specific N-glycosylation patterns. *Journal of Chromatography A*, **2012**, 1259, 200-12	4.5	40
35	Stimulation of reactive oxygen species generation by disease-causing mutations of lipoamide dehydrogenase. *Human Molecular Genetics*, **2011**, 20, 2984-95	5.6	40
34	Highly potent dUTPase inhibition by a bacterial repressor protein reveals a novel mechanism for gene expression control. *Nucleic Acids Research*, **2014**, 42, 11912-20	20.1	31
33	Investigation of genetic variants of alpha-1 acid glycoprotein by ultra-performance liquid chromatography-mass spectrometry. *Analytical and Bioanalytical Chemistry*, **2009**, 393, 991-8	4.4	30
32	Fragmentation characteristics of glycopeptides. *International Journal of Mass Spectrometry*, **2013**, 345-347, 71-79	1.9	21
31	Digestion protocol for small protein amounts for nano-HPLC-MS(MS) analysis. *Journal of Proteomics* , **2011**, 74, 942-7	3.9	21
30	Quantitative Comparison of Tandem Mass Spectra Obtained on Various Instruments. *Journal of the American Society for Mass Spectrometry*, **2016**, 27, 1357-65	3.5	21
29	Structural Characterization of Arginine Fingers: Identification of an Arginine Finger for the Pyrophosphatase dUTPases. *Journal of the American Chemical Society*, **2016**, 138, 15035-15045	16.4	20
28	Structure and enzymatic mechanism of a moonlighting dUTPase. *Acta Crystallographica Section D: Biological Crystallography*, **2013**, 69, 2298-308		20
27	Composite aromatic boxes for enzymatic transformations of quaternary ammonium substrates. *Angewandte Chemie - International Edition*, **2014**, 53, 13471-6	16.4	19
26	Ferrocenyl pyrazolines: Preparation, structure, redox properties and DFT study on regioselective ring-closure. *Journal of Organometallic Chemistry*, **2009**, 694, 4185-4195	2.3	18
25	Determination of energy metabolites in cancer cells by porous graphitic carbon liquid chromatography electrospray ionization mass spectrometry for the assessment of energy metabolism. *Analytica Chimica Acta*, **2014**, 819, 108-15	6.6	16
24	Distinguishing Core and Antenna Fucosylated Glycopeptides Based on Low-Energy Tandem Mass Spectra. *Analytical Chemistry*, **2018**, 90, 12776-12782	7.8	16
23	A multipronged approach unravels unprecedented protein-protein interactions in the human 2-oxoglutarate dehydrogenase multienzyme complex. *Journal of Biological Chemistry*, **2018**, 293, 19213-19227	5.4	16
22	Sensitive method for glycosaminoglycan analysis of tissue sections. *Journal of Chromatography A*, **2018**, 1544, 41-48	4.5	15

21	High sensitivity proteomics of prostate cancer tissue microarrays to discriminate between healthy and cancerous tissue. *Journal of Proteomics*, **2019**, 197, 82-91	3.9	14
20	Changes of protein glycosylation in the course of radiotherapy. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 118, 380-386	3.5	13
19	Widespread alterations in the synaptic proteome of the adolescent cerebral cortex following prenatal immune activation in rats. *Brain, Behavior, and Immunity*, **2016**, 56, 289-309	16.6	11
18	Synthesis of alkyl □and □d-glucopyranoside-based chiral crown ethers and their application as enantioselective phase-transfer catalysts. *Research on Chemical Intermediates*, **2018**, 44, 1627-1645	2.8	11
17	Rapamycin (mTORC1 inhibitor) reduces the production of lactate and 2-hydroxyglutarate oncometabolites in IDH1 mutant fibrosarcoma cells. *Journal of Experimental and Clinical Cancer Research*, **2017**, 36, 74	12.8	9
16	Structural model of human dUTPase in complex with a novel proteinaceous inhibitor. *Scientific Reports*, **2018**, 8, 4326	4.9	9
15	Comparison of glycopeptide/glycoprotein enrichment techniques. *Rapid Communications in Mass Spectrometry*, **2012**, 26, 215-7	2.2	8
14	Molecular Mechanism for the Thermo-Sensitive Phenotype of CHO-MT58 Cell Line Harbouring a Mutant CTP:Phosphocholine Cytidylyltransferase. *PLoS ONE*, **2015**, 10, e0129632	3.7	8
13	HPLC enrichment/isolation of proteins for post-translational modification studies from complex mixtures. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 98, 393-400	3.5	6
12	Proteomic identification of membrane-associated placental protein 4 (MP4) as perlecan and characterization of its placental expression in normal and pathologic pregnancies. *PeerJ*, **2019**, 7, e6982	3.1	6
11	Mass spectrometry-based analysis of macromolecular complexes of uracil-DNA glycosylase and its inhibitor reveals specific variations due to naturally occurring mutations. *FEBS Open Bio*, **2019**, 9, 420-427	2.7	5
10	The Stl repressor from is an efficient inhibitor of the eukaryotic fruitfly dUTPase. *FEBS Open Bio*, **2018**, 8, 158-167	2.7	5
9	Hydrogen-Deuterium Exchange Mass Spectrometry: A Novel Structural Biology Approach to Structure, Dynamics and Interactions of Proteins and Their Complexes. *Life*, **2020**, 10,	3	5
8	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. *Biochimica Et Biophysica Acta - General Subjects*, **2021**, 1865, 129869	4	5
7	Analysis of complex oligosaccharides using graphitized carbon liquid chromatography/mass spectrometry. *European Journal of Mass Spectrometry*, **2008**, 14, 419-22	1.1	4
6	Structure-function analyses of the G729R 2-oxoadipate dehydrogenase genetic variant associated with a disorder of l-lysine metabolism. *Journal of Biological Chemistry*, **2020**, 295, 8078-8095	5.4	3
5	Syntheses and complexing ability of □d-gluco- and □d-xylofuranoside-based lariat ethers. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2016**, 85, 19-32	1.7	3
4	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. *Biomolecules*, **2019**, 9,	5.9	2

3	Simple correction improving long-term reproducibility of HPLC-MS. *Journal of Mass Spectrometry*, **2015**, 50, 1130-5	2.2	1
2	Structure of the Dihydrolipoamide Succinyltransferase (E2) Component of the Human 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	7.8	1
1	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	4.9	