

# Oliver Ozohanics

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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> , <b>2021</b> , 1865-129889	4	5
37	Redox status of cysteines does not alter functional properties of human dUTPase but the Y54C mutation involved in monogenic diabetes decreases protein stability. <i>Scientific Reports</i> , <b>2021</b> , 11, 19197	4.9	
36	Structure-function analyses of the G729R 2-oxoadipate dehydrogenase genetic variant associated with a disorder of l-lysine metabolism. <i>Journal of Biological Chemistry</i> , <b>2020</b> , 295, 8078-8095	5.4	3
35	Hydrogen-Deuterium Exchange Mass Spectrometry: A Novel Structural Biology Approach to Structure, Dynamics and Interactions of Proteins and Their Complexes. <i>Life</i> , <b>2020</b> , 10,	3	5
34	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. <i>Free Radical Biology and Medicine</i> , <b>2020</b> , 158, 633-638	7.8	1
33	HDX and Native Mass Spectrometry Reveals the Different Structural Basis for Interaction of the Staphylococcal Pathogenicity Island Repressor StI with Dimeric and Trimeric Phage dUTPases. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	2
32	Mass spectrometry-based analysis of macromolecular complexes of uracil-DNA glycosylase and its inhibitor reveals specific variations due to naturally occurring mutations. <i>FEBS Open Bio</i> , <b>2019</b> , 9, 420-427	2.7	5
31	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> , <b>2019</b> , 7, e6982	3.1	6
30	High sensitivity proteomics of prostate cancer tissue microarrays to discriminate between healthy and cancerous tissue. <i>Journal of Proteomics</i> , <b>2019</b> , 197, 82-91	3.9	14
29	Sensitive method for glycosaminoglycan analysis of tissue sections. <i>Journal of Chromatography A</i> , <b>2018</b> , 1544, 41-48	4.5	15
28	The StI repressor from is an efficient inhibitor of the eukaryotic fruitfly dUTPase. <i>FEBS Open Bio</i> , <b>2018</b> , 8, 158-167	2.7	5
27	Structural model of human dUTPase in complex with a novel proteinaceous inhibitor. <i>Scientific Reports</i> , <b>2018</b> , 8, 4326	4.9	9
26	Synthesis of alkyl and H-glucofuranoside-based chiral crown ethers and their application as enantioselective phase-transfer catalysts. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 1627-1645	2.8	11
25	Distinguishing Core and Antenna Fucosylated Glycopeptides Based on Low-Energy Tandem Mass Spectra. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 12776-12782	7.8	16
24	A multipronged approach unravels unprecedented protein-protein interactions in the human 2-oxoglutarate dehydrogenase multienzyme complex. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 19213-19227	5.4	16
23	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> , <b>2017</b> , 36, 74	12.8	9
22	Structural Characterization of Arginine Fingers: Identification of an Arginine Finger for the Pyrophosphatase dUTPases. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 15035-15045	16.4	20

21	Syntheses and complexing ability of $\beta$ -gluco- and $\beta$ -xylofuranoside-based lariat ethers. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2016</b> , 85, 19-32	1.7	3
20	Changes of protein glycosylation in the course of radiotherapy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 118, 380-386	3.5	13
19	Widespread alterations in the synaptic proteome of the adolescent cerebral cortex following prenatal immune activation in rats. <i>Brain, Behavior, and Immunity</i> , <b>2016</b> , 56, 289-309	16.6	11
18	Quantitative Comparison of Tandem Mass Spectra Obtained on Various Instruments. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2016</b> , 27, 1357-65	3.5	21
17	Simple correction improving long-term reproducibility of HPLC-MS. <i>Journal of Mass Spectrometry</i> , <b>2015</b> , 50, 1130-5	2.2	1
16	Molecular Mechanism for the Thermo-Sensitive Phenotype of CHO-MT58 Cell Line Harboring a Mutant CTP:Phosphocholine Cytidyltransferase. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129632	3.7	8
15	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> , <b>2014</b> , 819, 108-15	6.6	16
14	Composite aromatic boxes for enzymatic transformations of quaternary ammonium substrates. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 13471-6	16.4	19
13	HPLC enrichment/isolation of proteins for post-translational modification studies from complex mixtures. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 98, 393-400	3.5	6
12	Highly potent dUTPase inhibition by a bacterial repressor protein reveals a novel mechanism for gene expression control. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 11912-20	20.1	31
11	Fragmentation characteristics of glycopeptides. <i>International Journal of Mass Spectrometry</i> , <b>2013</b> , 345-347, 71-79	1.9	21
10	Structure and enzymatic mechanism of a moonlighting dUTPase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , <b>2013</b> , 69, 2298-308		20
9	High-performance liquid chromatography coupled to mass spectrometry methodology for analyzing site-specific N-glycosylation patterns. <i>Journal of Chromatography A</i> , <b>2012</b> , 1259, 200-12	4.5	40
8	Comparison of glycopeptide/glycoprotein enrichment techniques. <i>Rapid Communications in Mass Spectrometry</i> , <b>2012</b> , 26, 215-7	2.2	8
7	Proteomic characterization of thymocyte-derived microvesicles and apoptotic bodies in BALB/c mice. <i>Journal of Proteomics</i> , <b>2011</b> , 74, 2025-33	3.9	103
6	Digestion protocol for small protein amounts for nano-HPLC-MS(MS) analysis. <i>Journal of Proteomics</i> , <b>2011</b> , 74, 942-7	3.9	21
5	Stimulation of reactive oxygen species generation by disease-causing mutations of lipoamide dehydrogenase. <i>Human Molecular Genetics</i> , <b>2011</b> , 20, 2984-95	5.6	40
4	Investigation of genetic variants of alpha-1 acid glycoprotein by ultra-performance liquid chromatography-mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2009</b> , 393, 991-8	4.4	30

3	Ferrocenyl pyrazolines: Preparation, structure, redox properties and DFT study on regioselective ring-closure. <i>Journal of Organometallic Chemistry</i> , <b>2009</b> , 694, 4185-4195	2.3	18
2	Analysis of complex oligosaccharides using graphitized carbon liquid chromatography/mass spectrometry. <i>European Journal of Mass Spectrometry</i> , <b>2008</b> , 14, 419-22	1.1	4
1	GlycoMiner: a new software tool to elucidate glycopeptide composition. <i>Rapid Communications in Mass Spectrometry</i> , <b>2008</b> , 22, 3245-54	2.2	62