

Zsuzsanna Darula

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,120
citations

567281

15
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1770
citing authors

#	ARTICLE	IF	CITATIONS
1	Nimrod, a Putative Phagocytosis Receptor with EGF Repeats in <i>Drosophila</i> Plasmatocytes. <i>Current Biology</i> , 2007, 17, 649-654.	3.9	291
2	Integrated Systems Biology Approach Identifies Novel Maternal and Placental Pathways of Preeclampsia. <i>Frontiers in Immunology</i> , 2018, 9, 1661.	4.8	146
3	Inactivation of Plasma Membrane-Localized CDPK-RELATED KINASE5 Decelerates PIN2 Exocytosis and Root Gravitropic Response in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2013, 25, 1592-1608.	6.6	87
4	Affinity Enrichment and Characterization of Mucin Core-1 Type Glycopeptides from Bovine Serum. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2515-2526.	3.8	81
5	Analysis of Mammalian O-Glycopeptidesâ€”We Have Made a Good Start, but There is a Long Way to Go. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2-17.	3.8	73
6	Structural characterization of allomelanin from black oat. <i>Phytochemistry</i> , 2016, 130, 313-320.	2.9	53
7	Mass Spectrometric Analysis, Automated Identification and Complete Annotation of O-Linked Glycopeptides. <i>European Journal of Mass Spectrometry</i> , 2010, 16, 421-428.	1.0	41
8	Status Report on the High-Throughput Characterization of Complex Intact O-Glycopeptide Mixtures. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1210-1220.	2.8	37
9	O-glycosylation sites identified from mucin core-1 type glycopeptides from human serum. <i>Glycoconjugate Journal</i> , 2016, 33, 435-445.	2.7	36
10	Improved identification of O-linked glycopeptides from ETD data with optimized scoring for different charge states and cleavage specificities. <i>Amino Acids</i> , 2011, 41, 321-328.	2.7	31
11	Carbamidomethylation Side Reactions May Lead to Glycan Misassignments in Glycopeptide Analysis. <i>Analytical Chemistry</i> , 2015, 87, 6297-6302.	6.5	26
12	CRK5 Protein Kinase Contributes to the Progression of Embryogenesis of <i>Arabidopsis thaliana</i> . <i>International Journal of Molecular Sciences</i> , 2019, 20, 6120.	4.1	24
13	Extended Sialylated O-Glycan Repertoire of Human Urinary Glycoproteins Discovered and Characterized Using Electron-Transfer/Higher-Energy Collision Dissociation. <i>Journal of Proteome Research</i> , 2019, 18, 280-291.	3.7	23
14	Proteomic investigation of the prefrontal cortex in the rat clomipramine model of depression. <i>Journal of Proteomics</i> , 2017, 153, 53-64.	2.4	21
15	AtCRK5 Protein Kinase Exhibits a Regulatory Role in Hypocotyl Hook Development during Skotomorphogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3432.	4.1	20
16	Microtubule organization in presynaptic boutons relies on the formin DAAM. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	19
17	Glycan Side Reaction May Compromise ETD-Based Glycopeptide Identification. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 977-987.	2.8	16
18	Hemolectin expression reveals functional heterogeneity in honey bee (<i>Apis mellifera</i>) hemocytes. <i>Developmental and Comparative Immunology</i> , 2017, 76, 403-411.	2.3	15

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19	Tuning the coordination properties of multi-histidine peptides by using a tripodal scaffold: solution chemical study and catechol oxidase mimicking. <i>New Journal of Chemistry</i> , 2017, 41, 808-823.	2.8	14
20	The effectiveness of filtering glycopeptide peak list files for Y ions. <i>Molecular Omics</i> , 2020, 16, 147-155.	2.8	14
21	Nectar- and stigma exudate-specific expression of an acidic chitinase could partially protect certain apple cultivars against fire blight disease. <i>Planta</i> , 2020, 251, 20.	3.2	11
22	Novel O-linked sialoglycan structures in human urinary glycoproteins. <i>Molecular Omics</i> , 2020, 16, 156-164.	2.8	11
23	Using "spectral families" to assess the reproducibility of glycopeptide enrichment: human serum O-glycosylation revisited. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 539-550.	3.7	9
24	Transfer of Opiorphin Through a Blood-Brain Barrier Culture Model. <i>Archives of Medical Research</i> , 2015, 46, 502-506.	3.3	8
25	Tritiated deltorphin analogues with high specific radioactivity and high affinity and selectivity for delta opioid receptors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1997, 39, 817-826.	1.0	4
26	Assessing the reproducibility of an O-glycopeptide enrichment method with a novel software, Pinnacle. <i>Electrophoresis</i> , 2018, 39, 3142-3147.	2.4	3
27	Proteomic identification of Placental Protein 1 (PP1), PP8, and PP22 and characterization of their placental expression in healthy pregnancies and in preeclampsia. <i>Placenta</i> , 2020, 99, 197-207.	1.5	3
28	Increasing the histidine "density"™ in tripodal peptides by gradual N-functionalization of tris (2-aminoethyl)amine (tren) with l-histidyl units: The effect on zinc(II) complexes. <i>Inorganica Chimica Acta</i> , 2018, 472, 174-183.	2.4	2