

Chan Hyun Na

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,252
citations

471509

17
h-index

414414

32
g-index

45
all docs

45
docs citations

45
times ranked

2375
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyubiquitin Linkage Profiles in Three Models of Proteolytic Stress Suggest the Etiology of Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2011, 286, 10457-10465.	3.4	151
2	Synaptic Protein Ubiquitination in Rat Brain Revealed by Antibody-based Ubiquitome Analysis. <i>Journal of Proteome Research</i> , 2012, 11, 4722-4732.	3.7	128
3	Identification of long-lived synaptic proteins by proteomic analysis of synaptosome protein turnover. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3827-E3836.	7.1	122
4	Quantitative Proteomic Profiling of Cerebrospinal Fluid to Identify Candidate Biomarkers for Alzheimer's Disease. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1800105.	1.6	82
5	Discovery of noncanonical translation initiation sites through mass spectrometric analysis of protein N termini. <i>Genome Research</i> , 2018, 28, 25-36.	5.5	75
6	BioSITE: A Method for Direct Detection and Quantitation of Site-Specific Biotinylation. <i>Journal of Proteome Research</i> , 2018, 17, 759-769.	3.7	70
7	C9orf72 regulates energy homeostasis by stabilizing mitochondrial complex I assembly. <i>Cell Metabolism</i> , 2021, 33, 531-546.e9.	16.2	70
8	Activity-Dependent Degradation of the Nascentome by the Neuronal Membrane Proteasome. <i>Molecular Cell</i> , 2018, 71, 169-177.e6.	9.7	61
9	Regulation of behavioral circadian rhythms and clock protein PER1 by the deubiquitinating enzyme USP2. <i>Biology Open</i> , 2012, 1, 789-801.	1.2	38
10	Identification of Protein Markers Specific for Papillary Renal Cell Carcinoma Using Imaging Mass Spectrometry. <i>Molecules and Cells</i> , 2015, 38, 624-629.	2.6	33
11	PARIS farnesylation prevents neurodegeneration in models of Parkinson's disease. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	30
12	GDE2-Dependent Activation of Canonical Wnt Signaling in Neurons Regulates Oligodendrocyte Maturation. <i>Cell Reports</i> , 2020, 31, 107540.	6.4	29
13	Integrated Transcriptomic and Proteomic Analysis of Human Eccrine Sweat Glands Identifies Missing and Novel Proteins. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1382-1395.	3.8	25
14	PyQuant: A Versatile Framework for Analysis of Quantitative Mass Spectrometry Data. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2829-2838.	3.8	24
15	H3K4me3 induces allosteric conformational changes in the DNA-binding and catalytic regions of the V(D)J recombinase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1904-1909.	7.1	24
16	Generation and Proteome Profiling of PBMC-Originated, iPSC-Derived Corneal Endothelial Cells. , 2018, 59, 2437.		24
17	Proteome Profiling of Developing Murine Lens Through Mass Spectrometry. , 2018, 59, 100.		21
18	Complement and Coagulation Cascades are Potentially Involved in Dopaminergic Neurodegeneration in α -Synuclein-Based Mouse Models of Parkinson's Disease. <i>Journal of Proteome Research</i> , 2021, 20, 3428-3443.	3.7	21

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19	Quantitative proteomics to decipher ubiquitin signaling. <i>Amino Acids</i> , 2012, 43, 1049-1060.	2.7	20
20	Phosphoproteomic analysis reveals compensatory effects in the piriform cortex of VX nerve agent exposed rats. <i>Proteomics</i> , 2015, 15, 487-499.	2.2	19
21	PASS-DIA: A Data-Independent Acquisition Approach for Discovery Studies. <i>Analytical Chemistry</i> , 2020, 92, 14466-14475.	6.5	19
22	Phosphotyrosine profiling of human cerebrospinal fluid. <i>Clinical Proteomics</i> , 2018, 15, 29.	2.1	18
23	Integrated Transcriptomic and Proteomic Analysis of Primary Human Umbilical Vein Endothelial Cells. <i>Proteomics</i> , 2019, 19, e1800315.	2.2	16
24	Is the Proteome of Bronchoalveolar Lavage Extracellular Vesicles a Marker of Advanced Lung Cancer?. <i>Cancers</i> , 2020, 12, 3450.	3.7	14
25	Inhibition of amyloid β -peptide production by blockage of β -secretase cleavage site of amyloid precursor protein. <i>Journal of Neurochemistry</i> , 2007, 101, 1583-1595.	3.9	13
26	Mutation-Specific and Common Phosphotyrosine Signatures of <i>KRAS</i> G12D and G13D Alleles. <i>Journal of Proteome Research</i> , 2021, 20, 670-683.	3.7	12
27	Generation and proteome profiling of PBMC-originated, iPSC-derived lentoid bodies. <i>Stem Cell Research</i> , 2020, 46, 101813.	0.7	11
28	Development of a novel method for the quantification of tyrosine 39 phosphorylated β - and β -synuclein in human cerebrospinal fluid. <i>Clinical Proteomics</i> , 2020, 17, 13.	2.1	10
29	Plasmodium sporozoite phospholipid scramblase interacts with mammalian carbamoyl-phosphate synthetase 1 to infect hepatocytes. <i>Nature Communications</i> , 2021, 12, 6773.	12.8	10
30	Solid-phase inclusion as a mechanism for regulating unfolded proteins in the mitochondrial matrix. <i>Science Advances</i> , 2020, 6, eabc7288.	10.3	9
31	Citrulline Not a Major Determinant in the Recognition of Peptidylarginine Deiminase 2 and 4 by Autoantibodies in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2020, 72, 1476-1482.	5.6	9
32	The role of FYCO1-dependent autophagy in lens fiber cell differentiation. <i>Autophagy</i> , 2022, 18, 2198-2215.	9.1	9
33	Persistently Elevated mTOR Complex 1-S6 Kinase 1 Disrupts DARPP-32-Dependent D1 Dopamine Receptor Signaling and Behaviors. <i>Biological Psychiatry</i> , 2021, 89, 1058-1072.	1.3	8
34	Evaluation of the Sensitivity and Reproducibility of Targeted Proteomic Analysis Using Data-Independent Acquisition for Serum and Cerebrospinal Fluid Proteins. <i>Journal of Proteome Research</i> , 2021, 20, 4284-4291.	3.7	6
35	Dramatic increase in signal by integration of polymerase chain reaction and hybridization on surface of DNA microarray. <i>Analytical Biochemistry</i> , 2010, 396, 139-145.	2.4	5
36	Identification of novel transcripts and peptides in developing murine lens. <i>Scientific Reports</i> , 2018, 8, 11162.	3.3	5

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37	Cigarette Smoke Triggers Loss of Corneal Endothelial Cells and Disruption of Descemet's Membrane Proteins in Mice. , 2021, 62, 3.		5
38	A Method for Identification of the Peptides That Bind to a Clone of Thyroid-Stimulating Antibodies in the Serum of Gravesâ€™ Disease Patients. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 1570-1576.	3.6	4
39	Examining the effects of cigarette smoke on mouse lens through a multi OMIC approach. Scientific Reports, 2021, 11, 18801.	3.3	1
40	The distribution and function of GDE2, a regulator of spinal motor neuron survival, are disrupted in Amyotrophic Lateral Sclerosis. Acta Neuropathologica Communications, 2022, 10, 73.	5.2	1
41	Mass Spectrometry Reveals Respiratory Viral Infection Biomarkers. EBioMedicine, 2017, 18, 21-22.	6.1	0