

Young-Ki Paik

List of Publications by Year in descending order

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134
papers

6,285
citations

87888

38
h-index

76900

74
g-index

136
all docs

136
docs citations

136
times ranked

6875
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the HUPO Plasma Proteome Project: Results from the pilot phase with 35 collaborating laboratories and multiple analytical groups, generating a core dataset of 3020 proteins and a publicly available database. <i>Proteomics</i> , 2005, 5, 3226-3245.	2.2	766
2	Chemical structure and biological activity of the <i>Caenorhabditis elegans</i> dauer-inducing pheromone. <i>Nature</i> , 2005, 433, 541-545.	27.8	322
3	Guidelines for the next 10 years of proteomics. <i>Proteomics</i> , 2006, 6, 4-8.	2.2	314
4	The Human Proteome Project: Current State and Future Direction. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.009993.	3.8	294
5	The Chromosome-Centric Human Proteome Project for cataloging proteins encoded in the genome. <i>Nature Biotechnology</i> , 2012, 30, 221-223.	17.5	281
6	Human Proteome Project Mass Spectrometry Data Interpretation Guidelines 2.1. <i>Journal of Proteome Research</i> , 2016, 15, 3961-3970.	3.7	158
7	Nictation, a dispersal behavior of the nematode <i>Caenorhabditis elegans</i> , is regulated by IL2 neurons. <i>Nature Neuroscience</i> , 2012, 15, 107-112.	14.8	157
8	A high-stringency blueprint of the human proteome. <i>Nature Communications</i> , 2020, 11, 5301.	12.8	152
9	Standard Guidelines for the Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2012, 11, 2005-2013.	3.7	135
10	Efficient prefractionation of low-abundance proteins in human plasma and construction of a two-dimensional map. <i>Proteomics</i> , 2005, 5, 3386-3396.	2.2	121
11	Biomarker discovery from the plasma proteome using multidimensional fractionation proteomics. <i>Current Opinion in Chemical Biology</i> , 2006, 10, 42-49.	6.1	104
12	Human plasma carboxylesterase 1, a novel serologic biomarker candidate for hepatocellular carcinoma. <i>Proteomics</i> , 2009, 9, 3989-3999.	2.2	100
13	Proteomic analysis and molecular characterization of tissue ferritin light chain in hepatocellular carcinoma. <i>Hepatology</i> , 2002, 35, 1459-1466.	7.3	98
14	Characterization of gene expression and activated signaling pathways in solid-pseudopapillary neoplasm of pancreas. <i>Modern Pathology</i> , 2014, 27, 580-593.	5.5	97
15	Proteomic alterations of the variants of human aldehyde dehydrogenase isozymes correlate with hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2002, 97, 261-265.	5.1	89
16	Cholesterol biosynthesis from lanosterol: development of a novel assay method and characterization of rat liver microsomal lanosterol 14 α -reductase. <i>Biochemical Journal</i> , 1997, 326, 609-616.	3.7	85
17	A functional annotation of subproteomes in human plasma. <i>Proteomics</i> , 2005, 5, 3506-3519.	2.2	82
18	Human Proteome Project Mass Spectrometry Data Interpretation Guidelines 3.0. <i>Journal of Proteome Research</i> , 2019, 18, 4108-4116.	3.7	82

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19	Integrated GlycoProteome Analyzer (I-GPA) for Automated Identification and Quantitation of Site-Specific N-Glycosylation. <i>Scientific Reports</i> , 2016, 6, 21175.	3.3	81
20	A First Step Toward Completion of a Genome-Wide Characterization of the Human Proteome. <i>Journal of Proteome Research</i> , 2013, 12, 1-5.	3.7	77
21	<i>Caenorhabditis elegans</i> utilizes dauer pheromone biosynthesis to dispose of toxic peroxisomal fatty acids for cellular homeostasis. <i>Biochemical Journal</i> , 2009, 422, 61-71.	3.7	76
22	Differential expression of the liver proteome in senescence accelerated mice. <i>Proteomics</i> , 2003, 3, 1883-1894.	2.2	73
23	Strategies for the enrichment and identification of basic proteins in proteome projects. <i>Proteomics</i> , 2003, 3, 569-579.	2.2	68
24	β -catenin activation down-regulates cell-cell junction-related genes and induces epithelial-to-mesenchymal transition in colorectal cancers. <i>Scientific Reports</i> , 2019, 9, 18440.	3.3	68
25	Role of cholesterol in germ-line development of <i>Caenorhabditis elegans</i> . <i>Molecular Reproduction and Development</i> , 2002, 61, 358-366.	2.0	64
26	Contribution of the Peroxisomal <i>acox</i> Gene to the Dynamic Balance of Daumone Production in <i>Caenorhabditis elegans</i> *. <i>Journal of Biological Chemistry</i> , 2010, 285, 29319-29325.	3.4	63
27	Cholesterol Biosynthesis from Lanosterol. <i>Journal of Biological Chemistry</i> , 1999, 274, 14624-14631.	3.4	61
28	Progress on Identifying and Characterizing the Human Proteome: 2018 Metrics from the HUPO Human Proteome Project. <i>Journal of Proteome Research</i> , 2018, 17, 4031-4041.	3.7	59
29	Molecular Time-Course and the Metabolic Basis of Entry into Dauer in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2009, 4, e4162.	2.5	58
30	Single-step perfusion chromatography with a throughput potential for enhanced peptide detection by matrix-assisted laser desorption/ionization-mass spectrometry. <i>Proteomics</i> , 2003, 3, 1955-1961.	2.2	53
31	Quantitative analysis of phosphopeptides in search of the disease biomarker from the hepatocellular carcinoma specimen. <i>Proteomics</i> , 2009, 9, 3395-3408.	2.2	53
32	Quest for Missing Proteins: Update 2015 on Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015, 14, 3415-3431.	3.7	53
33	Contribution of <i>sams-1</i> and <i>pmt-1</i> to lipid homeostasis in adult <i>Caenorhabditis elegans</i> . <i>Journal of Biochemistry</i> , 2011, 149, 529-538.	1.7	49
34	The genetic basis of natural variation in a phoretic behavior. <i>Nature Communications</i> , 2017, 8, 273.	12.8	48
35	An integrated proteome database for two-dimensional electrophoresis data analysis and laboratory information management system. <i>Proteomics</i> , 2002, 2, 1104-1113.	2.2	46
36	Uniting ENCODE with genome-wide proteomics. <i>Nature Biotechnology</i> , 2012, 30, 1065-1067.	17.5	45

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37	Simple Method for Quantitative Analysis of N-Linked Glycoproteins in Hepatocellular Carcinoma Specimens. <i>Journal of Proteome Research</i> , 2010, 9, 308-318.	3.7	43
38	Identification of Human Complement Factor B as a Novel Biomarker Candidate for Pancreatic Ductal Adenocarcinoma. <i>Journal of Proteome Research</i> , 2014, 13, 4878-4888.	3.7	42
39	Launching the C-HPP neXt-CP50 Pilot Project for Functional Characterization of Identified Proteins with No Known Function. <i>Journal of Proteome Research</i> , 2018, 17, 4042-4050.	3.7	41
40	Progress on Identifying and Characterizing the Human Proteome: 2019 Metrics from the HUPO Human Proteome Project. <i>Journal of Proteome Research</i> , 2019, 18, 4098-4107.	3.7	41
41	Proteomic Changes during Disturbance of Cholesterol Metabolism by Azacoprostane Treatment in <i>Caenorhabditis elegans</i> . <i>Molecular and Cellular Proteomics</i> , 2003, 2, 1086-1095.	3.8	40
42	Proteomic analysis of mammalian basic proteins by liquid-based two-dimensional column chromatography. <i>Proteomics</i> , 2006, 6, 1143-1150.	2.2	40
43	Abundance-Ratio-Based Semiquantitative Analysis of Site-Specific N-Linked Glycopeptides Present in the Plasma of Hepatocellular Carcinoma Patients. <i>Journal of Proteome Research</i> , 2014, 13, 2328-2338.	3.7	39
44	Endogenous cGMP regulates adult longevity via the insulin signaling pathway in <i>Caenorhabditis elegans</i> . <i>Aging Cell</i> , 2009, 8, 473-483.	6.7	38
45	Proteomics, Human Proteome Project, and Chromosomes. <i>Journal of Proteome Research</i> , 2011, 10, 210-210.	3.7	38
46	Research on the Human Proteome Reaches a Major Milestone: >90% of Predicted Human Proteins Now Credibly Detected, According to the HUPO Human Proteome Project. <i>Journal of Proteome Research</i> , 2020, 19, 4735-4746.	3.7	38
47	Proteomic analysis of diet-induced hypercholesterolemic mice. <i>Proteomics</i> , 2004, 4, 514-523.	2.2	37
48	The human proteome project: Current state and future direction. <i>Molecular and Cellular Proteomics</i> , 2011, . .	3.8	37
49	Regulation of Dauer Formation by O-GlcNAcylation in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 2930-2939.	3.4	35
50	Integrated Proteomic Pipeline Using Multiple Search Engines for a Proteogenomic Study with a Controlled Protein False Discovery Rate. <i>Journal of Proteome Research</i> , 2016, 15, 4082-4090.	3.7	34
51	O-GlcNAcylation of the Tumor Suppressor FOXO3 Triggers Aberrant Cancer Cell Growth. <i>Cancer Research</i> , 2018, 78, 1214-1224.	0.9	34
52	Cholesterol-producing transgenic <i>Caenorhabditis elegans</i> lives longer due to newly acquired enhanced stress resistance. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 929-936.	2.1	33
53	Proteomic analysis of pancreatic juice for the identification of biomarkers of pancreatic cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2011, 137, 1229-1238.	2.5	33
54	Human liver carboxylesterase 1 outperforms alpha-fetoprotein as biomarker to discriminate hepatocellular carcinoma from other liver diseases in Korean patients. <i>International Journal of Cancer</i> , 2013, 133, 408-415.	5.1	33

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55	Application of a peptide-based PF2D platform for quantitative proteomics in disease biomarker discovery. <i>Proteomics</i> , 2008, 8, 3371-3381.	2.2	32
56	A potential role for fatty acid biosynthesis genes during molting and cuticle formation in <i>Caenorhabditis elegans</i> . <i>BMB Reports</i> , 2011, 44, 285-290.	2.4	31
57	Comprehensive Genome-Wide Proteomic Analysis of Human Placental Tissue for the Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2013, 12, 2458-2466.	3.7	30
58	Progress Identifying and Analyzing the Human Proteome: 2021 Metrics from the HUPO Human Proteome Project. <i>Journal of Proteome Research</i> , 2021, 20, 5227-5240.	3.7	30
59	Alteration of the glutamate and GABA transporters in the hippocampus of the Niemann-Pick disease, type C mouse using proteomic analysis. <i>Proteomics</i> , 2006, 6, 1230-1236.	2.2	27
60	Overview and Introduction to Clinical Proteomics. <i>Methods in Molecular Biology</i> , 2008, 428, 1-31.	0.9	26
61	Advances in the Chromosome-Centric Human Proteome Project: looking to the future. <i>Expert Review of Proteomics</i> , 2017, 14, 1059-1071.	3.0	25
62	Prognostic potential of the preoperative plasma complement factor B in resected pancreatic cancer: A pilot study. <i>Cancer Biomarkers</i> , 2019, 24, 335-342.	1.7	25
63	Identification of ALDH6A1 as a Potential Molecular Signature in Hepatocellular Carcinoma via Quantitative Profiling of the Mitochondrial Proteome. <i>Journal of Proteome Research</i> , 2020, 19, 1684-1695.	3.7	25
64	Developmental and reproductive consequences of prolonged non-aging dauer in <i>Caenorhabditis elegans</i> . <i>Biochemical and Biophysical Research Communications</i> , 2008, 368, 588-592.	2.1	24
65	Ascaroside Pheromones: Chemical Biology and Pleiotropic Neuronal Functions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3898.	4.1	24
66	Distinct Protein Expression Profiles of Solid-Pseudopapillary Neoplasms of the Pancreas. <i>Journal of Proteome Research</i> , 2015, 14, 3007-3014.	3.7	23
67	Quantitative Proteomic Analysis of Human Embryonic Stem Cell Differentiation by 8-Plex iTRAQ Labelling. <i>PLoS ONE</i> , 2012, 7, e38532.	2.5	23
68	Novel Functions of Lipid-binding Protein 5 in <i>Caenorhabditis elegans</i> Fat Metabolism. <i>Journal of Biological Chemistry</i> , 2011, 286, 28111-28118.	3.4	22
69	Toward Completion of the Human Proteome Parts List: Progress Uncovering Proteins That Are Missing or Have Unknown Function and Developing Analytical Methods. <i>Journal of Proteome Research</i> , 2018, 17, 4023-4030.	3.7	22
70	Establishment of a PF2D-MS/MS platform for rapid profiling and semiquantitative analysis of membrane protein biomarkers. <i>Proteomics</i> , 2008, 8, 2168-2177.	2.2	21
71	GenomewidePDB, a Proteomic Database Exploring the Comprehensive Protein Parts List and Transcriptome Landscape in Human Chromosomes. <i>Journal of Proteome Research</i> , 2013, 12, 106-111.	3.7	21
72	Genome-wide Proteomics, Chromosome-centric Human Proteome Project (C-HPP), Part II. <i>Journal of Proteome Research</i> , 2014, 13, 1-4.	3.7	21

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73	Chromosome 11-Centric Human Proteome Analysis of Human Brain Hippocampus Tissue. <i>Journal of Proteome Research</i> , 2013, 12, 97-105.	3.7	20
74	A simple pattern classification method for alcohol-responsive proteins that are differentially expressed in mouse brain. <i>Proteomics</i> , 2004, 4, 3369-3375.	2.2	19
75	BiomarkerDigger: A versatile disease proteome database and analysis platform for the identification of plasma cancer biomarkers. <i>Proteomics</i> , 2009, 9, 3729-3740.	2.2	19
76	Potential Regulatory Role of Human-Carboxylesterase-1 Glycosylation in Liver Cancer Cell Growth. <i>Journal of Proteome Research</i> , 2020, 19, 4867-4883.	3.7	19
77	Cholesterol Biosynthesis from Lanosterol: Regulation and Purification of Rat Hepatic Sterol 8-Isomerase1. <i>Journal of Biochemistry</i> , 1995, 117, 819-823.	1.7	18
78	Protein Profiling of Human Plasma Samples by Two-Dimensional Electrophoresis. <i>Methods in Molecular Biology</i> , 2008, 428, 57-75.	0.9	18
79	Cholesterol biosynthesis from lanosterol: molecular cloning, chromosomal localization, functional expression and liver-specific gene regulation of rat sterol 1 ^α 8-isomerase, a cholesterologenic enzyme with multiple functions. <i>Biochemical Journal</i> , 2001, 353, 689-699.	3.7	17
80	Identification and Characterization of a Dual-Acting Antinematodal Agent against the Pinewood Nematode, <i>Bursaphelenchus xylophilus</i> . <i>PLoS ONE</i> , 2009, 4, e7593.	2.5	17
81	<i>Caenorhabditis elegans</i> proteomics comes of age. <i>Proteomics</i> , 2010, 10, 846-857.	2.2	17
82	Progress in the Chromosome-Centric Human Proteome Project as Highlighted in the Annual Special Issue IV. <i>Journal of Proteome Research</i> , 2016, 15, 3945-3950.	3.7	17
83	A conserved neuronal DAF-16/FoxO plays an important role in conveying pheromone signals to elicit repulsion behavior in <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2017, 7, 7260.	3.3	17
84	200+ Protein Concentrations in Healthy Human Blood Plasma: Targeted Quantitative SRM SIS Screening of Chromosomes 18, 13, Y, and the Mitochondrial Chromosome Encoded Proteome. <i>Journal of Proteome Research</i> , 2019, 18, 120-129.	3.7	17
85	Alterations of protein expression in macrophages in response to <i>Candida albicans</i> infection. <i>Molecules and Cells</i> , 2005, 20, 271-9.	2.6	17
86	Recent Advances in the Chromosome-Centric Human Proteome Project: Missing Proteins in the Spot Light. <i>Journal of Proteome Research</i> , 2015, 14, 3409-3414.	3.7	16
87	Characterization of an Upstream Regulatory Element of the Human Apolipoprotein E Gene, and Purification of Its Binding Protein from the Human Placenta1. <i>Journal of Biochemistry</i> , 1995, 117, 915-922.	1.7	15
88	<i>C. elegans</i> : an invaluable model organism for the proteomics studies of the cholesterol-mediated signaling pathway. <i>Expert Review of Proteomics</i> , 2006, 3, 439-453.	3.0	15
89	The loss of phenol sulfotransferase 1 in hepatocellular carcinogenesis. <i>Proteomics</i> , 2010, 10, 266-276.	2.2	15
90	Combination of Multiple Spectral Libraries Improves the Current Search Methods Used to Identify Missing Proteins in the Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015, 14, 4959-4966.	3.7	14

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91	Next Generation Proteomic Pipeline for Chromosome-Based Proteomic Research Using NeXtProt and GENCODE Databases. <i>Journal of Proteome Research</i> , 2017, 16, 4425-4434.	3.7	14
92	MGL-1 on AIY neurons translates starvation to reproductive plasticity via neuropeptide signaling in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2017, 430, 80-89.	2.0	14
93	Progress and Future Direction of Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2017, 16, 4253-4258.	3.7	14
94	Identification of Missing Proteins in Human Olfactory Epithelial Tissue by Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2018, 17, 4320-4324.	3.7	14
95	Molecular cloning and biochemical characterization of <i>Candida albicans</i> acyl-CoA:sterol acyltransferase, a potential target of antifungal agents. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 911-919.	2.1	13
96	Proteomic Analysis of <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2009, 519, 145-169.	0.9	13
97	A Potential Biochemical Mechanism Underlying the Influence of Sterol Deprivation Stress on <i>Caenorhabditis elegans</i> Longevity. <i>Journal of Biological Chemistry</i> , 2011, 286, 7248-7256.	3.4	13
98	NSBP-1 mediates the effects of cholesterol on insulin/IGF-1 signaling in <i>Caenorhabditis elegans</i> . <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 1623-1636.	5.4	13
99	HSF-1 is involved in regulation of ascaroside pheromone biosynthesis by heat stress in <i>Caenorhabditis elegans</i> . <i>Biochemical Journal</i> , 2016, 473, 789-796.	3.7	13
100	Development of a Method to Quantitate Nematode Pheromone for Study of Small-Molecule Metabolism in <i>Caenorhabditis elegans</i> . <i>Analytical Chemistry</i> , 2013, 85, 2681-2688.	6.5	12
101	gFinder: A Web-Based Bioinformatics Tool for the Analysis of N-Glycopeptides. <i>Journal of Proteome Research</i> , 2016, 15, 4116-4125.	3.7	12
102	Systematic Proteogenomic Approach To Exploring a Novel Function for NHERF1 in Human Reproductive Disorder: Lessons for Exploring Missing Proteins. <i>Journal of Proteome Research</i> , 2017, 16, 4455-4467.	3.7	12
103	Genetic deficiency in neuronal peroxisomal fatty acid β -oxidation causes the interruption of dauer development in <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2017, 7, 9358.	3.3	12
104	Enhanced peptide quantification using spectral count clustering and cluster abundance. <i>BMC Bioinformatics</i> , 2011, 12, 423.	2.6	10
105	ASV-ID, a Proteogenomic Workflow To Predict Candidate Protein Isoforms on the Basis of Transcript Evidence. <i>Journal of Proteome Research</i> , 2018, 17, 4235-4242.	3.7	10
106	PanelComposer: A Web-Based Panel Construction Tool for Multivariate Analysis of Disease Biomarker Candidates. <i>Journal of Proteome Research</i> , 2012, 11, 6277-6281.	3.7	9
107	Epsilon-Q: An Automated Analyzer Interface for Mass Spectral Library Search and Label-Free Protein Quantification. <i>Journal of Proteome Research</i> , 2017, 16, 4435-4445.	3.7	9
108	Data management and functional annotation of the Korean reference plasma proteome. <i>Proteomics</i> , 2010, 10, 1250-1255.	2.2	8

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109	Normalization using a tagged-internal standard assay for analysis of antibody arrays and the evaluation of serological biomarkers for liver disease. <i>Analytica Chimica Acta</i> , 2012, 718, 92-98.	5.4	8
110	GenomewidePDB 2.0: A Newly Upgraded Versatile Proteogenomic Database for the Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2015, 14, 3710-3719.	3.7	8
111	FusionPro, a Versatile Proteogenomic Tool for Identification of Novel Fusion Transcripts and Their Potential Translation Products in Cancer Cells*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1651-1668.	3.8	8
112	Mutation of the lbp-5 gene alters metabolic output in <i>Caenorhabditis elegans</i> . <i>BMB Reports</i> , 2014, 47, 15-20.	2.4	8
113	A strain-specific alteration of proteomic expression in mouse liver fructose 1,6-bisphosphatase isoforms by alcohol. <i>Proteomics</i> , 2004, 4, 3413-3421.	2.2	6
114	PDHK-2 Deficiency Is Associated with Attenuation of Lipase-Mediated Fat Consumption for the Increased Survival of <i>Caenorhabditis elegans</i> Dauers. <i>PLoS ONE</i> , 2012, 7, e41755.	2.5	6
115	Proteomic profiling of yeast and hyphal specific responses of <i>Candida albicans</i> to the antifungal agent, HWY289. <i>Proteomics - Clinical Applications</i> , 2009, 3, 452-461.	1.6	5
116	A new versatile peptide-based size exclusion chromatography platform for global profiling and quantitation of candidate biomarkers in hepatocellular carcinoma specimens. <i>Proteomics</i> , 2011, 11, 1976-1984.	2.2	5
117	Alteration in cellular acetylcholine influences dauer formation in <i>Caenorhabditis elegans</i> . <i>BMB Reports</i> , 2014, 47, 80-85.	2.4	5
118	Proteomic Analysis of the Sterol-Mediated Signaling Pathway in <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2009, 462, 1-15.	0.9	5
119	Methods for Evaluating the <i>Caenorhabditis elegans</i> Dauer State: Standard Dauer-Formation Assay Using Synthetic Daumones and Proteomic Analysis of O-GlcNAc Modifications. <i>Methods in Cell Biology</i> , 2011, 106, 445-460.	1.1	4
120	STR-33, a Novel G Protein-coupled Receptor That Regulates Locomotion and Egg Laying in <i>Caenorhabditis elegans</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 39860-39870.	3.4	4
121	Chromosome-Based Proteomic Study for Identifying Novel Protein Variants from Human Hippocampal Tissue Using Customized neXtProt and GENCODE Databases. <i>Journal of Proteome Research</i> , 2015, 14, 5028-5037.	3.7	4
122	Advances in Identifying and Characterizing the Human Proteome. <i>Journal of Proteome Research</i> , 2019, 18, 4079-4084.	3.7	4
123	IntelliMS: A platform to efficiently manage and visualize tandem mass spectral data. <i>Proteomics</i> , 2008, 8, 4910-4913.	2.2	3
124	Differential Gel-Based Proteomic Approach for Cancer Biomarker Discovery Using Human Plasma. <i>Methods in Molecular Biology</i> , 2012, 854, 223-237.	0.9	3
125	A novel functional cross-interaction between opioid and pheromone signaling may be involved in stress avoidance in <i>Caenorhabditis elegans</i> . <i>Scientific Reports</i> , 2020, 10, 7524.	3.3	3
126	A Molecular Basis for Reciprocal Regulation between Pheromones and Hormones in Response to Dietary Cues in <i>C. elegans</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 2366.	4.1	3

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127	Effects of Sterols on the Development and Aging of <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2009, 462, 1-13.	0.9	3
128	Quantitative Profiling Identifies Potential Regulatory Proteins Involved in Development from Dauer Stage to L4 Stage in <i>Caenorhabditis elegans</i> . <i>Journal of Proteome Research</i> , 2016, 15, 531-539.	3.7	2
129	Early Diagnostic Ability of Human Complement Factor B in Pancreatic Cancer Is Partly Linked to Its Potential Tumor-Promoting Role. <i>Journal of Proteome Research</i> , 2021, 20, 5315-5328.	3.7	2
130	Deficiency in RCAT-1 Function Causes Dopamine Metabolism Related Behavioral Disorders in <i>Caenorhabditis elegans</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 2393.	4.1	2
131	Efficient prefractionation of low-abundance proteins in human plasma and construction of a two-dimensional map. , 2006, , 201-219.		0
132	Disease Biomarker Discovery in Korea. <i>Proteomics</i> , 2006, 6, 1091-1093.	2.2	0
133	FISH: Finding of identical spectra set for Homogenous peptide using two-stage clustering algorithm. , 2010, , .		0
134	Synthesis of Photoaffinity-Labelled Daumone Analogs. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 2177-2178.	1.9	0