

Jennifer E Van Eyk

List of Publications by Year in descending order

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Version: 2024-02-01

176
papers

9,200
citations

53794

45
h-index

53230

85
g-index

188
all docs

188
docs citations

188
times ranked

17549
citing authors

#	ARTICLE	IF	CITATIONS
1	How many human proteoforms are there?. <i>Nature Chemical Biology</i> , 2018, 14, 206-214.	8.0	580
2	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. <i>Neuron</i> , 2018, 97, 1268-1283.e6.	8.1	517
3	Antibody responses to the BNT162b2 mRNA vaccine in individuals previously infected with SARS-CoV-2. <i>Nature Medicine</i> , 2021, 27, 981-984.	30.7	504
4	Human iPSC-Derived Blood-Brain Barrier Chips Enable Disease Modeling and Personalized Medicine Applications. <i>Cell Stem Cell</i> , 2019, 24, 995-1005.e6.	11.1	378
5	Guidelines for experimental models of myocardial ischemia and infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H812-H838.	3.2	372
6	A Mass Spectrometric-Derived Cell Surface Protein Atlas. <i>PLoS ONE</i> , 2015, 10, e0121314.	2.5	356
7	The Library of Integrated Network-Based Cellular Signatures NIH Program: System-Level Cataloging of Human Cells Response to Perturbations. <i>Cell Systems</i> , 2018, 6, 13-24.	6.2	327
8	Phosphodiesterase 9A controls nitric-oxide-independent cGMP and hypertrophic heart disease. <i>Nature</i> , 2015, 519, 472-476.	27.8	274
9	Metabolomic Identification of Subtypes of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2017, 152, 1449-1461.e7.	1.3	209
10	Recommendations for the Generation, Quantification, Storage, and Handling of Peptides Used for Mass Spectrometry-Based Assays. <i>Clinical Chemistry</i> , 2016, 62, 48-69.	3.2	187
11	Modeling Psychomotor Retardation using iPSCs from MCT8-Deficient Patients Indicates a Prominent Role for the Blood-Brain Barrier. <i>Cell Stem Cell</i> , 2017, 20, 831-843.e5.	11.1	181
12	Investigation of an albumin-enriched fraction of human serum and its albuminome. <i>Proteomics - Clinical Applications</i> , 2007, 1, 73-88.	1.6	165
13	Human Proteome Project Mass Spectrometry Data Interpretation Guidelines 2.1. <i>Journal of Proteome Research</i> , 2016, 15, 3961-3970.	3.7	158
14	A high-stringency blueprint of the human proteome. <i>Nature Communications</i> , 2020, 11, 5301.	12.8	152
15	HLA class I-associated expansion of TRBV11-2 T cells in multisystem inflammatory syndrome in children. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	130
16	Pre-existing traits associated with Covid-19 illness severity. <i>PLoS ONE</i> , 2020, 15, e0236240.	2.5	129
17	Circulating Brain-Derived Neurotrophic Factor Has Diagnostic and Prognostic Value in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 215-225.	3.4	118
18	Local Joint Inflammation and Histone Citrullination in a Murine Model of the Transition From Preclinical Autoimmunity to Inflammatory Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 2877-2887.	5.6	111

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19	BCG vaccination history associates with decreased SARS-CoV-2 seroprevalence across a diverse cohort of health care workers. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	108
20	A robust, streamlined, and reproducible method for proteomic analysis of serum by delipidation, albumin and IgG depletion, and two-dimensional gel electrophoresis. <i>Proteomics</i> , 2005, 5, 2656-2664.	2.2	104
21	The autoimmune signature of hyperinflammatory multisystem inflammatory syndrome in children. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	103
22	The Biology/Disease-driven Human Proteome Project (B/D-HPP): Enabling Protein Research for the Life Sciences Community. <i>Journal of Proteome Research</i> , 2013, 12, 23-27.	3.7	100
23	Proteomic Architecture of Human Coronary and Aortic Atherosclerosis. <i>Circulation</i> , 2018, 137, 2741-2756.	1.6	100
24	Multidimensional Liquid Chromatography Separation of Intact Proteins by Chromatographic Focusing and Reversed Phase of the Human Serum Proteome. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 26-34.	3.8	98
25	PKG1-modified TSC2 regulates mTORC1 activity to counter adverse cardiac stress. <i>Nature</i> , 2019, 566, 264-269.	27.8	98
26	Effective removal of albumin from serum. <i>Proteomics</i> , 2005, 5, 3831-3835.	2.2	97
27	Lipid-induced NOX2 activation inhibits autophagic flux by impairing lysosomal enzyme activity. <i>Journal of Lipid Research</i> , 2015, 56, 546-561.	4.2	94
28	A deleterious gene-by-environment interaction imposed by calcium channel blockers in Marfan syndrome. <i>ELife</i> , 2015, 4, .	6.0	87
29	Expanding the Subproteome of the Inner Mitochondria Using Protein Separation Technologies. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 2392-2411.	3.8	85
30	Association of Quantitative Metastatic Lymph Node Burden With Survival in Hypopharyngeal and Laryngeal Cancer. <i>JAMA Oncology</i> , 2018, 4, 985.	7.1	82
31	Human Proteome Project Mass Spectrometry Data Interpretation Guidelines 3.0. <i>Journal of Proteome Research</i> , 2019, 18, 4108-4116.	3.7	82
32	Vinculin network-mediated cytoskeletal remodeling regulates contractile function in the aging heart. <i>Science Translational Medicine</i> , 2015, 7, 292ra99.	12.4	81
33	Identification of a Set of Conserved Eukaryotic Internal Retention Time Standards for Data-independent Acquisition Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2800-2813.	3.8	76
34	Protein kinase A-dependent phosphorylation stimulates the transcriptional activity of hypoxia-inducible factor 1. <i>Science Signaling</i> , 2016, 9, ra56.	3.6	76
35	OxLDL Triggers Retrograde Translocation of Arginase2 in Aortic Endothelial Cells via ROCK and Mitochondrial Processing Peptidase. <i>Circulation Research</i> , 2014, 115, 450-459.	4.5	75
36	Heterogeneous Stromal Signaling within the Tumor Microenvironment Controls the Metastasis of Pancreatic Cancer. <i>Cancer Research</i> , 2017, 77, 41-52.	0.9	71

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37	Clinical and biochemical profiles suggest fibromuscular dysplasia is a systemic disease with altered TGF β 2 expression and connective tissue features. <i>FASEB Journal</i> , 2014, 28, 3313-3324.	0.5	68
38	Highly Reproducible Automated Proteomics Sample Preparation Workflow for Quantitative Mass Spectrometry. <i>Journal of Proteome Research</i> , 2018, 17, 420-428.	3.7	68
39	Answer ALS, a large-scale resource for sporadic and familial ALS combining clinical and multi-omics data from induced pluripotent cell lines. <i>Nature Neuroscience</i> , 2022, 25, 226-237.	14.8	66
40	Assessment of albumin removal from an immunoaffinity spin column: Critical implications for proteomic examination of the albuminome and albumin-depleted samples. <i>Proteomics</i> , 2009, 9, 2021-2028.	2.2	64
41	Citrullination of myofilament proteins in heart failure. <i>Cardiovascular Research</i> , 2015, 108, 232-242.	3.8	64
42	Cofilin-2 Phosphorylation and Sequestration in Myocardial Aggregates. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1199-1214.	2.8	62
43	Serum NfL (Neurofilament Light Chain) Levels and Incident Stroke in Adults With Diabetes Mellitus. <i>Stroke</i> , 2019, 50, 1669-1675.	2.0	60
44	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
45	Identification and characterization of citrulline-modified brain proteins by combining HCD and CID fragmentation. <i>Proteomics</i> , 2013, 13, 2682-2691.	2.2	54
46	Data-Driven Approach To Determine Popular Proteins for Targeted Proteomics Translation of Six Organ Systems. <i>Journal of Proteome Research</i> , 2016, 15, 4126-4134.	3.7	50
47	Diabetes with heart failure increases methylglyoxal modifications in the sarcomere, which inhibit function. <i>JCI Insight</i> , 2018, 3, .	5.0	50
48	Desmin Phosphorylation Triggers Preamyloid Oligomers Formation and Myocyte Dysfunction in Acquired Heart Failure. <i>Circulation Research</i> , 2018, 122, e75-e83.	4.5	46
49	Paradoxical sex-specific patterns of autoantibody response to SARS-CoV-2 infection. <i>Journal of Translational Medicine</i> , 2021, 19, 524.	4.4	42
50	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
51	Protein S-nitrosylation Controls Glycogen Synthase Kinase 3 β Function Independent of Its Phosphorylation State. <i>Circulation Research</i> , 2018, 122, 1517-1531.	4.5	40
52	Effect of peptide assay library size and composition in targeted data-independent acquisition-MS analyses. <i>Proteomics</i> , 2016, 16, 2221-2237.	2.2	38
53	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
54	Evaluating utility and compliance in a patient-based eHealth study using continuous-time heart rate and activity trackers. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018, 25, 1386-1391.	4.4	37

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55	A fast and reproducible method for albumin isolation and depletion from serum and cerebrospinal fluid. <i>Proteomics</i> , 2013, 13, 743-750.	2.2	35
56	Application of volumetric absorptive microsampling for robust, high-throughput mass spectrometric quantification of circulating protein biomarkers. <i>Clinical Mass Spectrometry</i> , 2017, 4-5, 25-33.	1.9	35
57	Sex differences in ischemic heart disease and heart failure biomarkers. <i>Biology of Sex Differences</i> , 2018, 9, 43.	4.1	35
58	Precision Profiling of the Cardiovascular Post-Translationally Modified Proteome. <i>Circulation Research</i> , 2018, 122, 1221-1237.	4.5	33
59	Parallels between retinal and brain pathology and response to immunotherapy in old, late-stage Alzheimer's disease mouse models. <i>Aging Cell</i> , 2020, 19, e13246.	6.7	32
60	Pacemaker-induced transient asynchrony suppresses heart failure progression. <i>Science Translational Medicine</i> , 2015, 7, 319ra207.	12.4	31
61	Dual Labeling Biotin Switch Assay to Reduce Bias Derived From Different Cysteine Subpopulations. <i>Circulation Research</i> , 2015, 117, 846-857.	4.5	31
62	Profilin modulates sarcomeric organization and mediates cardiomyocyte hypertrophy. <i>Cardiovascular Research</i> , 2016, 110, 238-248.	3.8	31
63	Seroprevalence of antibodies to SARS-CoV-2 in healthcare workers: a cross-sectional study. <i>BMJ Open</i> , 2021, 11, e043584.	1.9	31
64	Improved protein extraction and protein identification from archival formalin-fixed paraffin-embedded human aortas. <i>Proteomics - Clinical Applications</i> , 2013, 7, 217-224.	1.6	30
65	Identification of Glycoproteins Containing Specific Glycans Using a Lectin-Chemical Method. <i>Analytical Chemistry</i> , 2015, 87, 4683-4687.	6.5	30
66	Defining the proteome of human iris, ciliary body, retinal pigment epithelium, and choroid. <i>Proteomics</i> , 2016, 16, 1146-1153.	2.2	30
67	A Roadmap to Successful Clinical Proteomics. <i>Clinical Chemistry</i> , 2017, 63, 245-247.	3.2	30
68	Newt cells secrete extracellular vesicles with therapeutic bioactivity in mammalian cardiomyocytes. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1456888.	12.2	30
69	Mapping Citrullinated Sites in Multiple Organs of Mice Using Hypercitrullinated Library. <i>Journal of Proteome Research</i> , 2019, 18, 2270-2278.	3.7	30
70	Longitudinal SARS-CoV-2 mRNA Vaccine-Induced Humoral Immune Responses in Patients with Cancer. <i>Cancer Research</i> , 2021, 81, 6273-6280.	0.9	30
71	The continuing evolution of cardiac troponin I biomarker analysis: from protein to proteoform. <i>Expert Review of Proteomics</i> , 2017, 14, 973-986.	3.0	29
72	Type I Keratin 17 Protein Is Phosphorylated on Serine 44 by p90 Ribosomal Protein S6 Kinase 1 (RSK1) in a Growth- and Stress-dependent Fashion. <i>Journal of Biological Chemistry</i> , 2011, 286, 42403-42413.	3.4	28

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73	Transient receptor potential channel 6 regulates abnormal cardiac S-nitrosylation in Duchenne muscular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10763-E10771.	7.1	28
74	Biomarkers of pulmonary hypertension in patients with scleroderma: a caseâ€“control study. <i>Arthritis Research and Therapy</i> , 2015, 17, 201.	3.5	27
75	Sex, Myocardial Infarction, and the Failure of Risk Scores in Women. <i>Journal of Women's Health</i> , 2015, 24, 859-861.	3.3	27
76	An integrated multi-omic analysis of iPSC-derived motor neurons from C9ORF72 ALS patients. <i>IScience</i> , 2021, 24, 103221.	4.1	27
77	Precision Medicine: Role of Proteomics in Changing Clinical Management and Care. <i>Journal of Proteome Research</i> , 2019, 18, 1-6.	3.7	26
78	Extracellular matrix downregulation in the Drosophila heart preserves contractile function and improves lifespan. <i>Matrix Biology</i> , 2017, 62, 15-27.	3.6	25
79	Methods for SWATHâ„¢: Data Independent Acquisition on TripleTOF Mass Spectrometers. <i>Methods in Molecular Biology</i> , 2016, 1410, 265-279.	0.9	25
80	Cross-Disciplinary Biomarkers Research. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 894-902.	4.5	24
81	CHIP phosphorylation by protein kinase G enhances protein quality control and attenuates cardiac ischemic injury. <i>Nature Communications</i> , 2020, 11, 5237.	12.8	24
82	Advances in quantifying apolipoproteins using LC-MS/MS technology: implications for the clinic. <i>Expert Review of Proteomics</i> , 2017, 14, 869-880.	3.0	23
83	ACE overexpression in myeloid cells increases oxidative metabolism and cellular ATP. <i>Journal of Biological Chemistry</i> , 2020, 295, 1369-1384.	3.4	23
84	Autophagy-mitophagy induction attenuates cardiovascular inflammation in a murine model of Kawasaki disease vasculitis. <i>JCI Insight</i> , 2021, 6, .	5.0	23
85	Posttranslational modifications of lysine and evolving role in heart pathologiesâ€“Recent developments. <i>Proteomics</i> , 2015, 15, 1164-1180.	2.2	22
86	Standardized Workflow for Precise Mid- and High-Throughput Proteomics of Blood Biofluids. <i>Clinical Chemistry</i> , 2022, 68, 450-460.	3.2	22
87	Highlights of the Biology and Disease-driven Human Proteome Project, 2015â€“2016. <i>Journal of Proteome Research</i> , 2016, 15, 3979-3987.	3.7	21
88	Identifying High-Priority Proteins Across the Human Diseaseome Using Semantic Similarity. <i>Journal of Proteome Research</i> , 2018, 17, 4267-4278.	3.7	21
89	Acute neuropathological consequences of short-term mechanical ventilation in wild-type and Alzheimerâ€™s disease mice. <i>Critical Care</i> , 2019, 23, 63.	5.8	21
90	A novel phosphorylation site, Serine 199, in the C-terminus of cardiac troponin I regulates calcium sensitivity and susceptibility to calpain-induced proteolysis. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 93-103.	1.9	20

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91	Proteomics reveals Rictor as a noncanonical TGF- β 2 signaling target during aneurysm progression in Marfan mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1112-H1126.	3.2	20
92	Cellular Imprinting Proteomics Assay: A Novel Method for Detection of Neural and Ocular Disorders Applied to Congenital Zika Virus Syndrome. <i>Journal of Proteome Research</i> , 2020, 19, 4496-4515.	3.7	20
93	Discovery Proteomics for COVID-19: Where We Are Now. <i>Journal of Proteome Research</i> , 2021, 20, 4627-4639.	3.7	20
94	An Empirical Approach to Signature Peptide Choice for Selected Reaction Monitoring: Quantification of Uromodulin in Urine. <i>Clinical Chemistry</i> , 2016, 62, 198-207.	3.2	19
95	Head injury serum markers for assessing response to trauma: Design of the HeadSMART study. <i>Brain Injury</i> , 2017, 31, 370-378.	1.2	19
96	Multipotent fetal-derived Cdx2 cells from placenta regenerate the heart. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11786-11795.	7.1	19
97	The C2 Domain and Altered ATP-Binding Loop Phosphorylation at Ser ³⁵⁹ Mediate the Redox-Dependent Increase in Protein Kinase C- β Activity. <i>Molecular and Cellular Biology</i> , 2015, 35, 1727-1740.	2.3	18
98	A novel, multiplexed targeted mass spectrometry assay for quantification of complement factor H (CFH) variants and CFH-related proteins in human plasma. <i>Proteomics</i> , 2017, 17, 1600237.	2.2	18
99	Lysine and Arginine Protein Post-translational Modifications by Enhanced DIA Libraries: Quantification in Murine Liver Disease. <i>Journal of Proteome Research</i> , 2020, 19, 4163-4178.	3.7	18
100	Depletion of mitochondrial methionine adenosyltransferase \pm 1 triggers mitochondrial dysfunction in alcohol-associated liver disease. <i>Nature Communications</i> , 2022, 13, 557.	12.8	18
101	Prioritizing Proteomics Assay Development for Clinical Translation. <i>Journal of the American College of Cardiology</i> , 2015, 66, 202-204.	2.8	17
102	The proteome of normal human retrobulbar optic nerve and sclera. <i>Proteomics</i> , 2016, 16, 2592-2596.	2.2	17
103	Cardiac troponins may be irreversibly modified by glycation: novel potential mechanisms of cardiac performance modulation. <i>Scientific Reports</i> , 2018, 8, 16084.	3.3	17
104	S-adenosylmethionine inhibits the ribonucleoprotein domain family member 1 in murine liver and human liver cancer cells. <i>Hepatology</i> , 2022, 75, 280-296.	7.3	17
105	Biological substrate modification suppresses ventricular arrhythmias in a porcine model of chronic ischaemic cardiomyopathy. <i>European Heart Journal</i> , 2022, 43, 2139-2156.	2.2	17
106	Demographic and clinical characteristics associated with variations in antibody response to BNT162b2 COVID-19 vaccination among healthcare workers at an academic medical centre: a longitudinal cohort analysis. <i>BMJ Open</i> , 2022, 12, e059994.	1.9	17
107	Identification of Putative Early Atherosclerosis Biomarkers by Unsupervised Deconvolution of Heterogeneous Vascular Proteomes. <i>Journal of Proteome Research</i> , 2020, 19, 2794-2806.	3.7	16
108	Multiple and Selective Reaction Monitoring Using Triple Quadrupole Mass Spectrometer: Preclinical Large Cohort Analysis. <i>Methods in Molecular Biology</i> , 2016, 1410, 249-264.	0.9	16

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109	Myofilament Phosphorylation in Stem Cell Treated Diastolic Heart Failure. <i>Circulation Research</i> , 2021, 129, 1125-1140.	4.5	16
110	New Views of Old Proteins: Clarifying the Enigmatic Proteome. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100254.	3.8	16
111	Whole Exome Sequencing to Identify Genetic Variants Associated with Raised Atherosclerotic Lesions in Young Persons. <i>Scientific Reports</i> , 2017, 7, 4091.	3.3	15
112	Prevalence of Incomplete Functional and Symptomatic Recovery among Patients with Head Injury but Brain Injury Debatable. <i>Journal of Neurotrauma</i> , 2017, 34, 1531-1538.	3.4	15
113	A Plasma Sample Preparation for Mass Spectrometry using an Automated Workstation. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	15
114	Profiling B-Type Natriuretic Peptide Cleavage Peptidofoms in Human Plasma by Capillary Electrophoresis with Electrospray Ionization Mass Spectrometry. <i>Journal of Proteome Research</i> , 2017, 16, 4515-4522.	3.7	14
115	Progress and Future Direction of Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2017, 16, 4253-4258.	3.7	14
116	Contractility kits promote assembly of the mechanoresponsive cytoskeletal network. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	14
117	Neuron-generated thrombin induces a protective astrocyte response via protease activated receptors. <i>Glia</i> , 2020, 68, 246-262.	4.9	14
118	Proteomic analysis of the cardiac myocyte secretome reveals extracellular protective functions for the ER stress response. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 143, 132-144.	1.9	14
119	PINE: An Automation Tool to Extract and Visualize Protein-Centric Functional Networks. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1410-1421.	2.8	14
120	Sexual Dimorphism in Cardiovascular Biomarkers: Clinical and Research Implications. <i>Circulation Research</i> , 2022, 130, 578-592.	4.5	13
121	A protocol integrating remote patient monitoring patient reported outcomes and cardiovascular biomarkers. <i>Npj Digital Medicine</i> , 2019, 2, 84.	10.9	12
122	Quality Control and Outlier Detection of Targeted Mass Spectrometry Data from Multiplex Protein Panels. <i>Journal of Proteome Research</i> , 2020, 19, 2278-2293.	3.7	12
123	Identification of cardiac myofilament protein isoforms using multiple mass spectrometry based approaches. <i>Proteomics - Clinical Applications</i> , 2014, 8, 578-589.	1.6	11
124	Phospho-Proteomic Analysis of Cardiac Dyssynchrony and Resynchronization Therapy. <i>Proteomics</i> , 2018, 18, e1800079.	2.2	11
125	Mining the Proteome Associated with Rheumatic and Autoimmune Diseases. <i>Journal of Proteome Research</i> , 2019, 18, 4231-4239.	3.7	11
126	Development of a biomarker panel to predict cardiac resynchronization therapy response: Results from the SMART-AV trial. <i>Heart Rhythm</i> , 2019, 16, 743-753.	0.7	11

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127	A Dual Workflow to Improve the Proteomic Coverage in Plasma Using Data-Independent Acquisition-MS. <i>Journal of Proteome Research</i> , 2020, 19, 2828-2837.	3.7	11
128	Automated proteomic sample preparation: The key component for high throughput and quantitative mass spectrometry analysis. <i>Mass Spectrometry Reviews</i> , 2023, 42, 873-886.	5.4	11
129	Protein kinase G signaling in cardiac pathophysiology: Impact of proteomics on clinical trials. <i>Proteomics</i> , 2016, 16, 894-905.	2.2	10
130	Bioinformatic Analysis Of Coronary Disease Associated SNPs And Genes To Identify Proteins Potentially Involved In The Pathogenesis Of Atherosclerosis. <i>Journal of Proteomics and Genomics Research</i> , 2017, 2, 1-12.	0.7	10
131	Precision Medicine. <i>Circulation</i> , 2018, 138, 2172-2174.	1.6	10
132	Elucidating Citrullination by Mass Spectrometry and Its Role in Disease Pathogenesis. <i>Journal of Proteome Research</i> , 2021, 20, 38-48.	3.7	10
133	Emerging proteomic technologies for elucidating context-dependent cellular signaling events: A big challenge of tiny proportions. <i>Proteomics</i> , 2015, 15, 1486-1502.	2.2	9
134	Prognostic Impact of Histologic Grade for Papillary Thyroid Carcinoma. <i>Annals of Surgical Oncology</i> , 2021, 28, 1731-1739.	1.5	9
135	Data-driven detection of subtype-specific differentially expressed genes. <i>Scientific Reports</i> , 2021, 11, 332.	3.3	9
136	In Vitro and In Vivo Proteomic Comparison of Human Neural Progenitor Cell-Induced Photoreceptor Survival. <i>Proteomics</i> , 2019, 19, e1800213.	2.2	8
137	Comparative assessment and novel strategy on methods for imputing proteomics data. <i>Scientific Reports</i> , 2022, 12, 1067.	3.3	8
138	A novel phosphorylation site at Ser130 adjacent to the pseudosubstrate domain contributes to the activation of protein kinase C- β . <i>Biochemical Journal</i> , 2016, 473, 311-320.	3.7	7
139	A Proteomics Workflow for Dual Labeling Biotin Switch Assay to Detect and Quantify Protein S-Nitrosylation. <i>Methods in Molecular Biology</i> , 2018, 1747, 89-101.	0.9	7
140	Feasibility of Patient-Centric Remote Dried Blood Sampling: The Prediction, Risk, and Evaluation of Major Adverse Cardiac Events (PRE-MACE) Study. <i>Biodemography and Social Biology</i> , 2020, 65, 313-322.	1.0	7
141	Mapping Biological Networks from Quantitative Data-Independent Acquisition Mass Spectrometry: Data to Knowledge Pipelines. <i>Methods in Molecular Biology</i> , 2017, 1558, 395-413.	0.9	7
142	Symptomology following mRNA vaccination against SARS-CoV-2. <i>Preventive Medicine</i> , 2021, 153, 106860.	3.4	7
143	S-Nitrosoglutathione Reductase Deficiency Causes Aberrant Placental S-Nitrosylation and Preeclampsia. <i>Journal of the American Heart Association</i> , 2022, 11, e024008.	3.7	7
144	Vascular biomarkers and digital ulcerations in systemic sclerosis: results from a randomized controlled trial of oral treprostinil (DISTOL-1). <i>Clinical Rheumatology</i> , 2020, 39, 1199-1205.	2.2	6

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145	MitoPlex: A targeted multiple reaction monitoring assay for quantification of a curated set of mitochondrial proteins. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 142, 1-13.	1.9	6
146	Gene and protein expression in human megakaryocytes derived from induced pluripotent stem cells. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 1783-1799.	3.8	6
147	Priorities and trends in the study of proteins in eye research, 1924â€“2014. <i>Proteomics - Clinical Applications</i> , 2015, 9, 1105-1122.	1.6	5
148	Molecular Profile of Priapism Associated with Low Nitric Oxide Bioavailability. <i>Journal of Proteome Research</i> , 2018, 17, 1031-1040.	3.7	5
149	swCAM: estimation of subtype-specific expressions in individual samples with unsupervised sample-wise deconvolution. <i>Bioinformatics</i> , 2022, 38, 1403-1410.	4.1	5
150	COT: an efficient and accurate method for detecting marker genes among many subtypes. <i>Bioinformatics Advances</i> , 2022, 2, .	2.4	5
151	Proteomics of Mouse Heart Ventricles Reveals Mitochondria and Metabolism as Major Targets of a Post-Infarction Short-Acting GLP1Ra-Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8711.	4.1	4
152	Dynamic Proteomic and miRNA Analysis of Polysomes from Isolated Mouse Heart After Langendorff Perfusion. <i>Journal of Visualized Experiments</i> , 2018, . .	0.3	3
153	Which Methods for Determining Glomerular Filtration Rate Most Strongly Associate with Risk of Progression of Kidney Disease?. <i>Clinical Chemistry</i> , 2019, 65, 361-362.	3.2	3
154	pH/Acetonitrile-Gradient Reversed-Phase Fractionation of Enriched Hyper-Citrullinated Library in Combination with LCâ€“MS/MS Analysis for Confident Identification of Citrullinated Peptides. <i>Methods in Molecular Biology</i> , 2022, 2420, 107-126.	0.9	3
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