

# 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

53751

45  
h-index

53190

85  
g-index

188  
all docs

188  
docs citations

188  
times ranked

17549  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated proteomic sample preparation: The key component for high throughput and quantitative mass spectrometry analysis. <i>Mass Spectrometry Reviews</i> , 2023, 42, 873-886.	2.8	11
2	S-adenosylmethionine inhibits the ribonucleoprotein domain family member 1 in murine liver and human liver cancer cells. <i>Hepatology</i> , 2022, 75, 280-296.	3.6	17
3	Standardized Workflow for Precise Mid- and High-Throughput Proteomics of Blood Biofluids. <i>Clinical Chemistry</i> , 2022, 68, 450-460.	1.5	22
4	Comparative Proteomic Analysis of HPV(+) Oropharyngeal Squamous Cell Carcinoma Recurrence. <i>Journal of Proteome Research</i> , 2022, 21, 200-208.	1.8	2
5	Depletion of mitochondrial methionine adenosyltransferase 1 triggers mitochondrial dysfunction in alcohol-associated liver disease. <i>Nature Communications</i> , 2022, 13, 557.	5.8	18
6	Comparative assessment and novel strategy on methods for imputing proteomics data. <i>Scientific Reports</i> , 2022, 12, 1067.	1.6	8
7	Biological substrate modification suppresses ventricular arrhythmias in a porcine model of chronic ischaemic cardiomyopathy. <i>European Heart Journal</i> , 2022, 43, 2139-2156.	1.0	17
8	Plasma metabolomics to predict chemotherapy (CTX) response in advanced pancreatic cancer (PC) patients (pts) on enteral feeding for cachexia.. <i>Journal of Clinical Oncology</i> , 2022, 40, 600-600.	0.8	1
9	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.	7.1	66
10	swCAM: estimation of subtype-specific expressions in individual samples with unsupervised sample-wise deconvolution. <i>Bioinformatics</i> , 2022, 38, 1403-1410.	1.8	5
11	Sexual Dimorphism in Cardiovascular Biomarkers: Clinical and Research Implications. <i>Circulation Research</i> , 2022, 130, 578-592.	2.0	13
12	S-Nitrosoglutathione Reductase Deficiency Causes Aberrant Placental S-Nitrosylation and Preeclampsia. <i>Journal of the American Heart Association</i> , 2022, 11, e024008.	1.6	7
13	pH/Acetonitrile-Gradient Reversed-Phase Fractionation of Enriched Hyper-Citrullinated Library in Combination with LC-MS/MS Analysis for Confident Identification of Citrullinated Peptides. <i>Methods in Molecular Biology</i> , 2022, 2420, 107-126.	0.4	3
14	US Severe Acute Respiratory Syndrome Coronavirus 2 Epsilon Variant: Highly Transmissible but With an Adjusted Muted Host T-Cell Response. <i>Clinical Infectious Diseases</i> , 2022, 75, 1940-1949.	2.9	3
15	Sex-based differences in remote monitoring of biometric, psychometric and biomarker indices in stable ischemic heart disease. <i>Biology of Sex Differences</i> , 2022, 13, 15.	1.8	1
16	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.	0.8	17
17	COT: an efficient and accurate method for detecting marker genes among many subtypes. <i>Bioinformatics Advances</i> , 2022, 2, .	0.9	5
18	New Views of Old Proteins: Clarifying the Enigmatic Proteome. <i>Molecular and Cellular Proteomics</i> , 2022, 21, 100254.	2.5	16

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19	The Molecular Twin platform: a novel machine learning tool for democratization of precision cancer medicine.. Journal of Clinical Oncology, 2022, 40, e13546-e13546.	0.8	0
20	Metabolomics in advanced pancreatic cancer (PC) patients (pts) achieving weight stability on enteral feeding for cachexia.. Journal of Clinical Oncology, 2022, 40, e16291-e16291.	0.8	0
21	Prognostic Impact of Histologic Grade for Papillary Thyroid Carcinoma. Annals of Surgical Oncology, 2021, 28, 1731-1739.	0.7	9
22	Elucidating Citrullination by Mass Spectrometry and Its Role in Disease Pathogenesis. Journal of Proteome Research, 2021, 20, 38-48.	1.8	10
23	BCG vaccination history associates with decreased SARS-CoV-2 seroprevalence across a diverse cohort of health care workers. Journal of Clinical Investigation, 2021, 131, .	3.9	108
24	Seroprevalence of antibodies to SARS-CoV-2 in healthcare workers: a cross-sectional study. BMJ Open, 2021, 11, e043584.	0.8	31
25	The World of Protein Interactions. Circulation Research, 2021, 128, 720-722.	2.0	2
26	HLA class II-associated expansion of TRBV11-2 T cells in multisystem inflammatory syndrome in children. Journal of Clinical Investigation, 2021, 131, .	3.9	130
27	Antibody responses to the BNT162b2 mRNA vaccine in individuals previously infected with SARS-CoV-2. Nature Medicine, 2021, 27, 981-984.	15.2	504
28	Gene and protein expression in human megakaryocytes derived from induced pluripotent stem cells. Journal of Thrombosis and Haemostasis, 2021, 19, 1783-1799.	1.9	6
29	Proteomic discovery in sickle cell disease: Elevated neurogranin levels in children with sickle cell disease. Proteomics - Clinical Applications, 2021, 15, 2100003.	0.8	2
30	The autoimmune signature of hyperinflammatory multisystem inflammatory syndrome in children. Journal of Clinical Investigation, 2021, 131, .	3.9	103
31	Proteomics of Mouse Heart Ventricles Reveals Mitochondria and Metabolism as Major Targets of a Post-Infarction Short-Acting GLP1Ra-Therapy. International Journal of Molecular Sciences, 2021, 22, 8711.	1.8	4
32	Discovery Proteomics for COVID-19: Where We Are Now. Journal of Proteome Research, 2021, 20, 4627-4639.	1.8	20
33	Autophagy-mitophagy induction attenuates cardiovascular inflammation in a murine model of Kawasaki disease vasculitis. JCI Insight, 2021, 6, .	2.3	23
34	Data-driven detection of subtype-specific differentially expressed genes. Scientific Reports, 2021, 11, 332.	1.6	9
35	Myofilament Phosphorylation in Stem Cell Treated Diastolic Heart Failure. Circulation Research, 2021, 129, 1125-1140.	2.0	16
36	An integrated multi-omic analysis of iPSC-derived motor neurons from C9ORF72 ALS patients. IScience, 2021, 24, 103221.	1.9	27

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37	Symptomology following mRNA vaccination against SARS-CoV-2. Preventive Medicine, 2021, 153, 106860.	1.6	7
38	Longitudinal SARS-CoV-2 mRNA Vaccine-Induced Humoral Immune Responses in Patients with Cancer. Cancer Research, 2021, 81, 6273-6280.	0.4	30
39	Paradoxical sex-specific patterns of autoantibody response to SARS-CoV-2 infection. Journal of Translational Medicine, 2021, 19, 524.	1.8	42
40	Abstract 11607: Protein Citrullination Landscape of Human Coronary Atherosclerosis. Circulation, 2021, 144, .	1.6	0
41	Abstract 11572: Plasma Proteomic Signature Implicates Impaired Calcium Handling and Cell-Matrix Adhesion in Repaired Tetralogy of Fallot with Right Ventricular Volume and Pressure Overload. Circulation, 2021, 144, .	1.6	0
42	Proteomics profiling reveals Spp1 deficiency to downregulate UCHL1 in macrophages and to associate with lysosomeâ€mitochondria mediated apoptotic pathways. Alzheimer's and Dementia, 2021, 17, e055297.	0.4	0
43	Feasibility of Patient-Centric Remote Dried <i>Blood Sampling: The</i> Prediction, Risk, and Evaluation of Major Adverse Cardiac Events (PRE-MACE) Study. Biodemography and Social Biology, 2020, 65, 313-322.	0.4	7
44	Neuronâ€generated thrombin induces a protective astrocyte response via protease activated receptors. Glia, 2020, 68, 246-262.	2.5	14
45	ACE overexpression in myeloid cells increases oxidative metabolism and cellular ATP. Journal of Biological Chemistry, 2020, 295, 1369-1384.	1.6	23
46	Vascular biomarkers and digital ulcerations in systemic sclerosis: results from a randomized controlled trial of oral treprostinil (DISTOL-1). Clinical Rheumatology, 2020, 39, 1199-1205.	1.0	6
47	A high-stringency blueprint of the human proteome. Nature Communications, 2020, 11, 5301.	5.8	152
48	Parallels between retinal and brain pathology and response to immunotherapy in old, lateâ€stage Alzheimer's disease mouse models. Aging Cell, 2020, 19, e13246.	3.0	32
49	Pre-existing traits associated with Covid-19 illness severity. PLoS ONE, 2020, 15, e0236240.	1.1	129
50	Cellular Imprinting Proteomics Assay: A Novel Method for Detection of Neural and Ocular Disorders Applied to Congenital Zika Virus Syndrome. Journal of Proteome Research, 2020, 19, 4496-4515.	1.8	20
51	CHIP phosphorylation by protein kinase G enhances protein quality control and attenuates cardiac ischemic injury. Nature Communications, 2020, 11, 5237.	5.8	24
52	Lysine and Arginine Protein Post-translational Modifications by Enhanced DIA Libraries: Quantification in Murine Liver Disease. Journal of Proteome Research, 2020, 19, 4163-4178.	1.8	18
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. Journal of Proteome Research, 2020, 19, 4735-4746.	1.8	38
54	Proteomic analysis of the cardiac myocyte secretome reveals extracellular protective functions for the ER stress response. Journal of Molecular and Cellular Cardiology, 2020, 143, 132-144.	0.9	14

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55	PINE: An Automation Tool to Extract and Visualize Protein-Centric Functional Networks. Journal of the American Society for Mass Spectrometry, 2020, 31, 1410-1421.	1.2	14
56	A Dual Workflow to Improve the Proteomic Coverage in Plasma Using Data-Independent Acquisition-MS. Journal of Proteome Research, 2020, 19, 2828-2837.	1.8	11
57	Identification of Putative Early Atherosclerosis Biomarkers by Unsupervised Deconvolution of Heterogeneous Vascular Proteomes. Journal of Proteome Research, 2020, 19, 2794-2806.	1.8	16
58	Quality Control and Outlier Detection of Targeted Mass Spectrometry Data from Multiplex Protein Panels. Journal of Proteome Research, 2020, 19, 2278-2293.	1.8	12
59	MitoPlex: A targeted multiple reaction monitoring assay for quantification of a curated set of mitochondrial proteins. Journal of Molecular and Cellular Cardiology, 2020, 142, 1-13.	0.9	6
60	A Plasma Sample Preparation for Mass Spectrometry using an Automated Workstation. Journal of Visualized Experiments, 2020, , .	0.2	15
61	Abstract 16928: Discordant Mechanisms in Heart Failure and Hypertrophy. Circulation, 2020, 142, .	1.6	0
62	Pre-existing traits associated with Covid-19 illness severity. , 2020, 15, e0236240.		0
63	Pre-existing traits associated with Covid-19 illness severity. , 2020, 15, e0236240.		0
64	Pre-existing traits associated with Covid-19 illness severity. , 2020, 15, e0236240.		0
65	Pre-existing traits associated with Covid-19 illness severity. , 2020, 15, e0236240.		0
66	Contractility kits promote assembly of the mechanoresponsive cytoskeletal network. Journal of Cell Science, 2019, 132, .	1.2	14
67	Precision Medicine: Role of Proteomics in Changing Clinical Management and Care. Journal of Proteome Research, 2019, 18, 1-6.	1.8	26
68	Progress on Identifying and Characterizing the Human Proteome: 2019 Metrics from the HUPO Human Proteome Project. Journal of Proteome Research, 2019, 18, 4098-4107.	1.8	41
69	Mining the Proteome Associated with Rheumatic and Autoimmune Diseases. Journal of Proteome Research, 2019, 18, 4231-4239.	1.8	11
70	Human Proteome Project Mass Spectrometry Data Interpretation Guidelines 3.0. Journal of Proteome Research, 2019, 18, 4108-4116.	1.8	82
71	A protocol integrating remote patient monitoring patient reported outcomes and cardiovascular biomarkers. Npj Digital Medicine, 2019, 2, 84.	5.7	12
72	PKG1-modified TSC2 regulates mTORC1 activity to counter adverse cardiac stress. Nature, 2019, 566, 264-269.	13.7	98

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73	Human iPSC-Derived Blood-Brain Barrier Chips Enable Disease Modeling and Personalized Medicine Applications. <i>Cell Stem Cell</i> , 2019, 24, 995-1005.e6.	5.2	378
74	Serum NfL (Neurofilament Light Chain) Levels and Incident Stroke in Adults With Diabetes Mellitus. <i>Stroke</i> , 2019, 50, 1669-1675.	1.0	60
75	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.	3.3	19
76	Mapping Citrullinated Sites in Multiple Organs of Mice Using Hypercitrullinated Library. <i>Journal of Proteome Research</i> , 2019, 18, 2270-2278.	1.8	30
77	Acute neuropathological consequences of short-term mechanical ventilation in wild-type and Alzheimer's disease mice. <i>Critical Care</i> , 2019, 23, 63.	2.5	21
78	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.	0.3	11
79	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.	1.5	3
80	In Vitro and In Vivo Proteomic Comparison of Human Neural Progenitor Cell-Induced Photoreceptor Survival. <i>Proteomics</i> , 2019, 19, e1800213.	1.3	8
81	Desmin Phosphorylation Triggers Preamyloid Oligomers Formation and Myocyte Dysfunction in Acquired Heart Failure. <i>Circulation Research</i> , 2018, 122, e75-e83.	2.0	46
82	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.	0.4	7
83	Molecular Profile of Priapism Associated with Low Nitric Oxide Bioavailability. <i>Journal of Proteome Research</i> , 2018, 17, 1031-1040.	1.8	5
84	How many human proteoforms are there?. <i>Nature Chemical Biology</i> , 2018, 14, 206-214.	3.9	580
85	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.	2.9	327
86	Newt cells secrete extracellular vesicles with therapeutic bioactivity in mammalian cardiomyocytes. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1456888.	5.5	30
87	Precision Profiling of the Cardiovascular Post-Translationally Modified Proteome. <i>Circulation Research</i> , 2018, 122, 1221-1237.	2.0	33
88	Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. <i>Neuron</i> , 2018, 97, 1268-1283.e6.	3.8	517
89	Protein S-Nitrosylation Controls Glycogen Synthase Kinase 3 $\beta$ Function Independent of Its Phosphorylation State. <i>Circulation Research</i> , 2018, 122, 1517-1531.	2.0	40
90	Highly Reproducible Automated Proteomics Sample Preparation Workflow for Quantitative Mass Spectrometry. <i>Journal of Proteome Research</i> , 2018, 17, 420-428.	1.8	68

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91	Association of Quantitative Metastatic Lymph Node Burden With Survival in Hypopharyngeal and Laryngeal Cancer. <i>JAMA Oncology</i> , 2018, 4, 985.	3.4	82
92	Precision Medicine. <i>Circulation</i> , 2018, 138, 2172-2174.	1.6	10
93	Cardiac troponins may be irreversibly modified by glycation: novel potential mechanisms of cardiac performance modulation. <i>Scientific Reports</i> , 2018, 8, 16084.	1.6	17
94	Diabetes with heart failure increases methylglyoxal modifications in the sarcomere, which inhibit function. <i>JCI Insight</i> , 2018, 3, .	2.3	50
95	Identifying High-Priority Proteins Across the Human Diseasesome Using Semantic Similarity. <i>Journal of Proteome Research</i> , 2018, 17, 4267-4278.	1.8	21
96	Dynamic Proteomic and miRNA Analysis of Polysomes from Isolated Mouse Heart After Langendorff Perfusion. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	3
97	Sex differences in ischemic heart disease and heart failure biomarkers. <i>Biology of Sex Differences</i> , 2018, 9, 43.	1.8	35
98	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.	2.2	37
99	Guidelines for experimental models of myocardial ischemia and infarction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 314, H812-H838.	1.5	372
100	Proteomics reveals Rictor as a noncanonical TGF- $\beta$ 2 signaling target during aneurysm progression in Marfan mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1112-H1126.	1.5	20
101	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.	1.8	59
102	Phospho-Proteomic Analysis of Cardiac Dyssynchrony and Resynchronization Therapy. <i>Proteomics</i> , 2018, 18, e1800079.	1.3	11
103	Proteomic Architecture of Human Coronary and Aortic Atherosclerosis. <i>Circulation</i> , 2018, 137, 2741-2756.	1.6	100
104	Proteomics Reveals Context-Dependent Activation of Rictor Signaling by TGF $\beta$ 2 in Vascular Smooth Muscle Cells. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
105	Head injury serum markers for assessing response to trauma: Design of the HeadSMART study. <i>Brain Injury</i> , 2017, 31, 370-378.	0.6	19
106	Metabolomic Identification of Subtypes of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2017, 152, 1449-1461.e7.	0.6	209
107	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.	5.2	181
108	Whole Exome Sequencing to Identify Genetic Variants Associated with Raised Atherosclerotic Lesions in Young Persons. <i>Scientific Reports</i> , 2017, 7, 4091.	1.6	15

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109	Exploring ribosome composition and newly synthesized proteins through proteomics and potential biomedical applications. <i>Expert Review of Proteomics</i> , 2017, 14, 529-543.	1.3	2
110	A Roadmap to Successful Clinical Proteomics. <i>Clinical Chemistry</i> , 2017, 63, 245-247.	1.5	30
111	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
112	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.	1.8	14
113	Advances in quantifying apolipoproteins using LC-MS/MS technology: implications for the clinic. <i>Expert Review of Proteomics</i> , 2017, 14, 869-880.	1.3	23
114	Progress and Future Direction of Chromosome-Centric Human Proteome Project. <i>Journal of Proteome Research</i> , 2017, 16, 4253-4258.	1.8	14
115	Extracellular matrix downregulation in the <i>Drosophila</i> heart preserves contractile function and improves lifespan. <i>Matrix Biology</i> , 2017, 62, 15-27.	1.5	25
116	Heterogeneous Stromal Signaling within the Tumor Microenvironment Controls the Metastasis of Pancreatic Cancer. <i>Cancer Research</i> , 2017, 77, 41-52.	0.4	71
117	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.	1.7	15
118	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.	1.3	18
119	The continuing evolution of cardiac troponin I biomarker analysis: from protein to proteoform. <i>Expert Review of Proteomics</i> , 2017, 14, 973-986.	1.3	29
120	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.	3.3	28
121	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
122	Mapping Biological Networks from Quantitative Data-Independent Acquisition Mass Spectrometry: Data to Knowledge Pipelines. <i>Methods in Molecular Biology</i> , 2017, 1558, 395-413.	0.4	7
123	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.	1.8	50
124	Protein kinase G signaling in cardiac pathophysiology: Impact of proteomics on clinical trials. <i>Proteomics</i> , 2016, 16, 894-905.	1.3	10
125	Defining the proteome of human iris, ciliary body, retinal pigment epithelium, and choroid. <i>Proteomics</i> , 2016, 16, 1146-1153.	1.3	30
126	A novel phosphorylation site at Ser130 adjacent to the pseudosubstrate domain contributes to the activation of protein kinase C- $\beta$ . <i>Biochemical Journal</i> , 2016, 473, 311-320.	1.7	7



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127	Human Proteome Project Mass Spectrometry Data Interpretation Guidelines 2.1. <i>Journal of Proteome Research</i> , 2016, 15, 3961-3970.	1.8	158
128	Effect of peptide assay library size and composition in targeted data-independent acquisition-MS analyses. <i>Proteomics</i> , 2016, 16, 2221-2237.	1.3	38
129	Highlights of the Biology and Disease-driven Human Proteome Project, 2015-2016. <i>Journal of Proteome Research</i> , 2016, 15, 3979-3987.	1.8	21
130	The proteome of normal human retrobulbar optic nerve and sclera. <i>Proteomics</i> , 2016, 16, 2592-2596.	1.3	17
131	Protein kinase A-dependent phosphorylation stimulates the transcriptional activity of hypoxia-inducible factor 1. <i>Science Signaling</i> , 2016, 9, ra56.	1.6	76
132	Profilin modulates sarcomeric organization and mediates cardiomyocyte hypertrophy. <i>Cardiovascular Research</i> , 2016, 110, 238-248.	1.8	31
133	Recommendations for the Generation, Quantification, Storage, and Handling of Peptides Used for Mass Spectrometry-Based Assays. <i>Clinical Chemistry</i> , 2016, 62, 48-69.	1.5	187
134	An Empirical Approach to Signature Peptide Choice for Selected Reaction Monitoring: Quantification of Uromodulin in Urine. <i>Clinical Chemistry</i> , 2016, 62, 198-207.	1.5	19
135	Circulating Brain-Derived Neurotrophic Factor Has Diagnostic and Prognostic Value in Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 215-225.	1.7	118
136	Multiple and Selective Reaction Monitoring Using Triple Quadrupole Mass Spectrometer: Preclinical Large Cohort Analysis. <i>Methods in Molecular Biology</i> , 2016, 1410, 249-264.	0.4	16
137	Methods for SWATH-MS: Data Independent Acquisition on TripleTOF Mass Spectrometers. <i>Methods in Molecular Biology</i> , 2016, 1410, 265-279.	0.4	25
138	Priorities and trends in the study of proteins in eye research, 1924-2014. <i>Proteomics - Clinical Applications</i> , 2015, 9, 1105-1122.	0.8	5
139	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.	2.9	111
140	Biomarkers of pulmonary hypertension in patients with scleroderma: a case-control study. <i>Arthritis Research and Therapy</i> , 2015, 17, 201.	1.6	27
141	A deleterious gene-by-environment interaction imposed by calcium channel blockers in Marfan syndrome. <i>ELife</i> , 2015, 4, .	2.8	87
142	Pacemaker-induced transient asynchrony suppresses heart failure progression. <i>Science Translational Medicine</i> , 2015, 7, 319ra207.	5.8	31
143	Emerging proteomic technologies for elucidating context-dependent cellular signaling events: A big challenge of tiny proportions. <i>Proteomics</i> , 2015, 15, 1486-1502.	1.3	9
144	Posttranslational modifications of lysine and evolving role in heart pathologies-Recent developments. <i>Proteomics</i> , 2015, 15, 1164-1180.	1.3	22

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145	Prioritizing Proteomics Assay Development for Clinical Translation. <i>Journal of the American College of Cardiology</i> , 2015, 66, 202-204.	1.2	17
146	Citrullination of myofilament proteins in heart failure. <i>Cardiovascular Research</i> , 2015, 108, 232-242.	1.8	64
147	Vinculin network-mediated cytoskeletal remodeling regulates contractile function in the aging heart. <i>Science Translational Medicine</i> , 2015, 7, 292ra99.	5.8	81
148	Universal therapeutic targeting of age-related protein quality control system dysfunction in chronic diseases?. <i>Trends in Cardiovascular Medicine</i> , 2015, 25, 248-249.	2.3	0
149	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.	0.9	20
150	Cofilin-2 Phosphorylation and Sequestration in Myocardial Aggregates. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1199-1214.	1.2	62
151	Phosphodiesterase 9A controls nitric-oxide-independent cGMP and hypertrophic heart disease. <i>Nature</i> , 2015, 519, 472-476.	13.7	274
152	Cross-Disciplinary Biomarkers Research. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2015, 10, 894-902.	2.2	24
153	Identification of Glycoproteins Containing Specific Glycans Using a Lectin-Chemical Method. <i>Analytical Chemistry</i> , 2015, 87, 4683-4687.	3.2	30
154	Lipid-induced NOX2 activation inhibits autophagic flux by impairing lysosomal enzyme activity. <i>Journal of Lipid Research</i> , 2015, 56, 546-561.	2.0	94
155	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.	2.5	76
156	Sex, Myocardial Infarction, and the Failure of Risk Scores in Women. <i>Journal of Women's Health</i> , 2015, 24, 859-861.	1.5	27
157	The C2 Domain and Altered ATP-Binding Loop Phosphorylation at Ser <sup>359</sup> Mediate the Redox-Dependent Increase in Protein Kinase C- $\beta$ Activity. <i>Molecular and Cellular Biology</i> , 2015, 35, 1727-1740.	1.1	18
158	Dual Labeling Biotin Switch Assay to Reduce Bias Derived From Different Cysteine Subpopulations. <i>Circulation Research</i> , 2015, 117, 846-857.	2.0	31
159	A Mass Spectrometric-Derived Cell Surface Protein Atlas. <i>PLoS ONE</i> , 2015, 10, e0121314.	1.1	356
160	Clinical and biochemical profiles suggest fibromuscular dysplasia is a systemic disease with altered TGF $\beta$ 2 expression and connective tissue features. <i>FASEB Journal</i> , 2014, 28, 3313-3324.	0.2	68
161	OxLDL Triggers Retrograde Translocation of Arginase2 in Aortic Endothelial Cells via ROCK and Mitochondrial Processing Peptidase. <i>Circulation Research</i> , 2014, 115, 450-459.	2.0	75
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