

Jesus Vazquez

List of Publications by Year in descending order

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Version: 2024-02-01

255
papers

17,629
citations

20036

63
h-index

21843

118
g-index

266
all docs

266
docs citations

266
times ranked

29792
citing authors

#	ARTICLE	IF	CITATIONS
1	APPRIS: selecting functionally important isoforms. <i>Nucleic Acids Research</i> , 2022, 50, D54-D59.	6.5	29
2	Expression of spidroin proteins in the silk glands of golden orb-weaver spiders. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2022, 338, 241-253.	0.6	8
3	Comparative proteomic analysis of nuclear and cytoplasmic compartments in human cardiac progenitor cells. <i>Scientific Reports</i> , 2022, 12, 146.	1.6	3
4	Unbiased plasma proteomics discovery of biomarkers for improved detection of subclinical atherosclerosis. <i>EBioMedicine</i> , 2022, 76, 103874.	2.7	23
5	The Influence of Coronary Artery Disease in the Development of Aortic Stenosis and the Importance of the Albumin Redox State. <i>Antioxidants</i> , 2022, 11, 317.	2.2	6
6	Galectin-1 prevents pathological vascular remodeling in atherosclerosis and abdominal aortic aneurysm. <i>Science Advances</i> , 2022, 8, eabm7322.	4.7	18
7	Defective dimerization of FoF1-ATP synthase secondary to glycation favors mitochondrial energy deficiency in cardiomyocytes during aging. <i>Aging Cell</i> , 2022, 21, e13564.	3.0	8
8	Mechanical control of nuclear import by Importin-7 is regulated by its dominant cargo YAP. <i>Nature Communications</i> , 2022, 13, 1174.	5.8	32
9	Heteroplasmy of Wild-Type Mitochondrial DNA Variants in Mice Causes Metabolic Heart Disease With Pulmonary Hypertension and Frailty. <i>Circulation</i> , 2022, 145, 1084-1101.	1.6	10
10	Basal oxidation of conserved cysteines modulates cardiac titin stiffness and dynamics. <i>Redox Biology</i> , 2022, 52, 102306.	3.9	7
11	Mapping the Serum Proteome of COVID-19 Patients; Guidance for Severity Assessment. <i>Biomedicines</i> , 2022, 10, 1690.	1.4	7
12	Clinical profile and outcome of cardiac amyloidosis in a Spanish referral center. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 149-158.	0.4	10
13	ALDH4A1 is an atherosclerosis auto-antigen targeted by protective antibodies. <i>Nature</i> , 2021, 589, 287-292.	13.7	72
14	Local Pressure Drives Low-Density Lipoprotein Accumulation and Coronary Atherosclerosis in Hypertensive Minipigs. <i>Journal of the American College of Cardiology</i> , 2021, 77, 575-589.	1.2	19
15	Activation of amino acid metabolic program in cardiac HIF1-alpha-deficient mice. <i>IScience</i> , 2021, 24, 102124.	1.9	10
16	Assessing the functional relevance of splice isoforms. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab044.	1.5	13
17	Characterization of HIV-1 virus-like particles and determination of Gag stoichiometry for different production platforms. <i>Biotechnology and Bioengineering</i> , 2021, 118, 2660-2675.	1.7	16
18	Aortic disease in Marfan syndrome is caused by overactivation of sGC-PRKG signaling by NO. <i>Nature Communications</i> , 2021, 12, 2628.	5.8	28

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19	Early renal and vascular damage within the normoalbuminuria condition. <i>Journal of Hypertension</i> , 2021, 39, 2220-2231.	0.3	7
20	Cardiovascular Risk Stratification Based on Oxidative Stress for Early Detection of Pathology. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 602-617.	2.5	9
21	Aging Induces Hepatic Oxidative Stress and Nuclear Proteomic Remodeling in Liver from Wistar Rats. <i>Antioxidants</i> , 2021, 10, 1535.	2.2	10
22	Malondialdehyde-modified HDL particles elicit a specific IgG response in abdominal aortic aneurysm. <i>Free Radical Biology and Medicine</i> , 2021, 174, 171-181.	1.3	3
23	Cardiovascular Progerin Suppression and Lamin A Restoration Rescue Hutchinson-Gilford Progeria Syndrome. <i>Circulation</i> , 2021, 144, 1777-1794.	1.6	20
24	Generation of a lentiviral vector system to efficiently express bioactive recombinant human prolactin hormones. <i>Molecular and Cellular Endocrinology</i> , 2020, 499, 110605.	1.6	0
25	Targeting L-type amino acid transporter 1 in innate and adaptive T cells efficiently controls skin inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 199-214.e11.	1.5	47
26	Comprehensive Proteomic Profiling of Pressure Ulcers in Patients with Spinal Cord Injury Identifies a Specific Protein Pattern of Pathology. <i>Advances in Wound Care</i> , 2020, 9, 277-294.	2.6	5
27	Programmed "disarming" of the neutrophil proteome reduces the magnitude of inflammation. <i>Nature Immunology</i> , 2020, 21, 135-144.	7.0	180
28	Improved integrative analysis of the thiol redox proteome using filter-aided sample preparation. <i>Journal of Proteomics</i> , 2020, 214, 103624.	1.2	14
29	Bone Marrow Mesenchymal Stem Cells Support Acute Myeloid Leukemia Bioenergetics and Enhance Antioxidant Defense and Escape from Chemotherapy. <i>Cell Metabolism</i> , 2020, 32, 829-843.e9.	7.2	122
30	An analysis of tissue-specific alternative splicing at the protein level. <i>PLoS Computational Biology</i> , 2020, 16, e1008287.	1.5	55
31	Mammalian lipid droplets are innate immune hubs integrating cell metabolism and host defense. <i>Science</i> , 2020, 370, .	6.0	245
32	Identification of common cardiometabolic alterations and deregulated pathways in mouse and pig models of aging. <i>Aging Cell</i> , 2020, 19, e13203.	3.0	10
33	Why Does COVID-19 Affect Patients with Spinal Cord Injury Milder? A Case-Control Study: Results from Two Observational Cohorts. <i>Journal of Personalized Medicine</i> , 2020, 10, 182.	1.1	5
34	A Network of Macrophages Supports Mitochondrial Homeostasis in the Heart. <i>Cell</i> , 2020, 183, 94-109.e23.	13.5	360
35	Molecular Characterization of the Coproduced Extracellular Vesicles in HEK293 during Virus-Like Particle Production. <i>Journal of Proteome Research</i> , 2020, 19, 4516-4532.	1.8	15
36	Caveolin1 and YAP drive mechanically induced mesothelial to mesenchymal transition and fibrosis. <i>Cell Death and Disease</i> , 2020, 11, 647.	2.7	39

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37	A Proteomics Signature of Mild Hypospadias: A Pilot Study. <i>Frontiers in Pediatrics</i> , 2020, 8, 586287.	0.9	2
38	Novel molecular plasma signatures on cardiovascular disease can stratify patients throughout life. <i>Journal of Proteomics</i> , 2020, 222, 103816.	1.2	5
39	The Immunomodulatory Signature of Extracellular Vesicles From Cardiosphere-Derived Cells: A Proteomic and miRNA Profiling. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 321.	1.8	11
40	Functional role of respiratory supercomplexes in mice: SCAF1 relevance and segmentation of the Q_{pool}. <i>Science Advances</i> , 2020, 6, eaba7509.	4.7	68
41	Protein-protein interactions involving enzymes of the mammalian methionine and homocysteine metabolism. <i>Biochimie</i> , 2020, 173, 33-47.	1.3	25
42	Protein Probability Model for High-Throughput Protein Identification by Mass Spectrometry-Based Proteomics. <i>Journal of Proteome Research</i> , 2020, 19, 1285-1297.	1.8	2
43	Multiplexed Quantitative Proteomic Analysis of HEK293 Provides Insights into Molecular Changes Associated with the Cell Density Effect, Transient Transfection, and Virus-Like Particle Production. <i>Journal of Proteome Research</i> , 2020, 19, 1085-1099.	1.8	23
44	Complement C5 Protein as a Marker of Subclinical Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1926-1941.	1.2	32
45	Calculation of False Discovery Rate for Peptide and Protein Identification. <i>Methods in Molecular Biology</i> , 2020, 2051, 145-159.	0.4	2
46	ECM deposition is driven by caveolin-1-dependent regulation of exosomal biogenesis and cargo sorting. <i>Journal of Cell Biology</i> , 2020, 219, .	2.3	58
47	The chaperonin CCT controls T cell receptor-driven 3D configuration of centrioles. <i>Science Advances</i> , 2020, 6, .	4.7	23
48	Scaf1 promotes respiratory supercomplexes and metabolic efficiency in zebrafish. <i>EMBO Reports</i> , 2020, 21, e50287.	2.0	42
49	Successful aging: insights from proteome analyses of healthy centenarians. <i>Aging</i> , 2020, 12, 3502-3515.	1.4	31
50	Flow Cytometry Has a Significant Impact on the Cellular Metabolome. <i>Journal of Proteome Research</i> , 2019, 18, 169-181.	1.8	66
51	Lamin A/C deficiency in CD4⁺ T cells enhances regulatory T cells and prevents inflammatory bowel disease. <i>Journal of Pathology</i> , 2019, 249, 509-522.	2.1	12
52	NOTCH Activation Promotes Valve Formation by Regulating the Endocardial Secretome. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1782-1795.	2.5	18
53	Interplay between post-translational cyclooxygenase-2 modifications and the metabolic and proteomic profile in a colorectal cancer cohort. <i>World Journal of Gastroenterology</i> , 2019, 25, 433-446.	1.4	16
54	Severe Cardiac Dysfunction and Death Caused by Arrhythmogenic Right Ventricular Cardiomyopathy Type 5 Are Improved by Inhibition of Glycogen Synthase Kinase-3 β . <i>Circulation</i> , 2019, 140, 1188-1204.	1.6	62

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55	Loss of SRSF3 in Cardiomyocytes Leads to Decapping of Contraction-Related mRNAs and Severe Systolic Dysfunction. <i>Circulation Research</i> , 2019, 125, 170-183.	2.0	41
56	Exercise Benefits in Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2906-2907.	1.2	5
57	APOA1 oxidation is associated to dysfunctional high-density lipoproteins in human abdominal aortic aneurysm. <i>EBioMedicine</i> , 2019, 43, 43-53.	2.7	40
58	Preparation and characterization of <i>Nephila clavipes</i> tubuliform silk gut. <i>Soft Matter</i> , 2019, 15, 2960-2970.	1.2	9
59	Definition of a cell surface signature for human cardiac progenitor cells after comprehensive comparative transcriptomic and proteomic characterization. <i>Scientific Reports</i> , 2019, 9, 4647.	1.6	17
60	p38 β is essential for cell cycle progression and liver tumorigenesis. <i>Nature</i> , 2019, 568, 557-560.	13.7	72
61	Arabidopsis YAF9 histone readers modulate flowering time through NuA4 ϵ complex-dependent H4 and H2A.Z histone acetylation at <i>FLC</i> chromatin. <i>New Phytologist</i> , 2019, 222, 1893-1908.	3.5	39
62	Sequential Bone-Marrow Cell Delivery of VEGFA/S1P Improves Vascularization and Limits Adverse Cardiac Remodeling After Myocardial Infarction in Mice. <i>Human Gene Therapy</i> , 2019, 30, 893-905.	1.4	8
63	CIBER-CLAP (CIBERCV Cardioprotection Large Animal Platform): A multicenter preclinical network for testing reproducibility in cardiovascular interventions. <i>Scientific Reports</i> , 2019, 9, 20290.	1.6	15
64	Unraveling the Molecular Signature of Extracellular Vesicles From Endometrial-Derived Mesenchymal Stem Cells: Potential Modulatory Effects and Therapeutic Applications. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 431.	2.0	38
65	Extracellular vesicles derived from endometrial human mesenchymal stem cells enhance embryo yield and quality in an aged murine model. <i>Biology of Reproduction</i> , 2019, 100, 1180-1192.	1.2	44
66	Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease. <i>Circulation</i> , 2019, 139, 243-255.	1.6	36
67	Identification of six cardiovascular risk biomarkers in the young population: A promising tool for early prevention. <i>Atherosclerosis</i> , 2019, 282, 67-74.	0.4	14
68	Ryanodine Receptor Glycation Favors Mitochondrial Damage in the Senescent Heart. <i>Circulation</i> , 2019, 139, 949-964.	1.6	62
69	SanXoT: a modular and versatile package for the quantitative analysis of high-throughput proteomics experiments. <i>Bioinformatics</i> , 2019, 35, 1594-1596.	1.8	59
70	Urine Haptoglobin and Haptoglobin-Related Protein Predict Response to Spironolactone in Patients With Resistant Hypertension. <i>Hypertension</i> , 2019, 73, 794-802.	1.3	6
71	Cardiomyocyte hypertrophy induced by Endonuclease G deficiency requires reactive oxygen radicals accumulation and is inhibitable by the micropeptide humanin. <i>Redox Biology</i> , 2018, 16, 146-156.	3.9	32
72	Activation of Serine One-Carbon Metabolism by Calcineurin A β 1 Reduces Myocardial Hypertrophy and Improves Ventricular Function. <i>Journal of the American College of Cardiology</i> , 2018, 71, 654-667.	1.2	45

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73	SOANTI: extensive characterization of long-read transcript sequences for quality control in full-length transcriptome identification and quantification. <i>Genome Research</i> , 2018, 28, 396-411.	2.4	299
74	Muscle molecular adaptations to endurance exercise training are conditioned by glycogen availability: a proteomics-based analysis in the McArdle mouse model. <i>Journal of Physiology</i> , 2018, 596, 1035-1061.	1.3	26
75	Arabidopsis SWC4 Binds DNA and Recruits the SWR1 Complex to Modulate Histone H2A.Z Deposition at Key Regulatory Genes. <i>Molecular Plant</i> , 2018, 11, 815-832.	3.9	60
76	Potential role of new molecular plasma signatures on cardiovascular risk stratification in asymptomatic individuals. <i>Scientific Reports</i> , 2018, 8, 4802.	1.6	8
77	APPRIS 2017: principal isoforms for multiple gene sets. <i>Nucleic Acids Research</i> , 2018, 46, D213-D217.	6.5	134
78	Conditional deletion of Rcan1 predisposes to hypertension-mediated intramural hematoma and subsequent aneurysm and aortic rupture. <i>Nature Communications</i> , 2018, 9, 4795.	5.8	10
79	Caveolin-1 Modulates Mechanotransduction Responses to Substrate Stiffness through Actin-Dependent Control of YAP. <i>Cell Reports</i> , 2018, 25, 1622-1635.e6.	2.9	91
80	Impaired HDL (High-Density Lipoprotein)-Mediated Macrophage Cholesterol Efflux in Patients With Abdominal Aortic Aneurysm—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2750-2754.	1.1	13
81	The immunomodulatory activity of extracellular vesicles derived from endometrial mesenchymal stem cells on CD4+ T cells is partially mediated by TGFbeta. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2088-2098.	1.3	58
82	Loose ends: almost one in five human genes still have unresolved coding status. <i>Nucleic Acids Research</i> , 2018, 46, 7070-7084.	6.5	62
83	The cristae modulator Optic atrophy 1 requires mitochondrial ATP synthase oligomers to safeguard mitochondrial function. <i>Nature Communications</i> , 2018, 9, 3399.	5.8	111
84	Identification of hepatic protein-protein interaction targets for betaine homocysteine S-methyltransferase. <i>PLoS ONE</i> , 2018, 13, e0199472.	1.1	4
85	Comprehensive Quantification of the Modified Proteome Reveals Oxidative Heart Damage in Mitochondrial Heteroplasmy. <i>Cell Reports</i> , 2018, 23, 3685-3697.e4.	2.9	39
86	Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. <i>Redox Biology</i> , 2017, 11, 415-428.	3.9	40
87	miR-28 regulates the germinal center reaction and blocks tumor growth in preclinical models of non-Hodgkin lymphoma. <i>Blood</i> , 2017, 129, 2408-2419.	0.6	52
88	Proteomic footprint of myocardial ischemia/reperfusion injury: Longitudinal study of the at-risk and remote regions in the pig model. <i>Scientific Reports</i> , 2017, 7, 12343.	1.6	37
89	CXCL6 is an important paracrine factor in the pro-angiogenic human cardiac progenitor-like cell secretome. <i>Scientific Reports</i> , 2017, 7, 12490.	1.6	39
90	Immune system deregulation in hypertensive patients chronically RAS suppressed developing albuminuria. <i>Scientific Reports</i> , 2017, 7, 8894.	1.6	13

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91	A multicentric study to evaluate the use of relative retention times in targeted proteomics. <i>Journal of Proteomics</i> , 2017, 152, 138-149.	1.2	9
92	HDAC6 controls innate immune and autophagy responses to TLR-mediated signalling by the intracellular bacteria <i>Listeria monocytogenes</i> . <i>PLoS Pathogens</i> , 2017, 13, e1006799.	2.1	38
93	eNOS S-nitrosylates β -actin on Cys374 and regulates PKC- δ at the immune synapse by impairing actin binding to profilin-1. <i>PLoS Biology</i> , 2017, 15, e2000653.	2.6	25
94	The Application of Proteomic Techniques in the Study of HDL Particle Characterization and Biomarker Discovery. , 2017, , 231-255.		0
95	ISG15 governs mitochondrial function in macrophages following vaccinia virus infection. <i>PLoS Pathogens</i> , 2017, 13, e1006651.	2.1	75
96	Kalirin and CHD7: novel endothelial dysfunction indicators in circulating extracellular vesicles from hypertensive patients with albuminuria. <i>Oncotarget</i> , 2017, 8, 15553-15562.	0.8	20
97	Urinary exosomes reveal protein signatures in hypertensive patients with albuminuria. <i>Oncotarget</i> , 2017, 8, 44217-44231.	0.8	33
98	The intracellular bacterium <i>Anaplasma phagocytophilum</i> selectively manipulates the levels of vertebrate host proteins in the tick vector <i>Ixodes scapularis</i> . <i>Parasites and Vectors</i> , 2016, 9, 467.	1.0	33
99	CD69 controls the uptake of L-tryptophan through LAT1-CD98 and AhR-dependent secretion of IL-22 in psoriasis. <i>Nature Immunology</i> , 2016, 17, 985-996.	7.0	98
100	Mitochondrial and nuclear DNA matching shapes metabolism and healthy ageing. <i>Nature</i> , 2016, 535, 561-565.	18.7	333
101	Quantitative HDL Proteomics Identifies Peroxiredoxin-6 as a Biomarker of Human Abdominal Aortic Aneurysm. <i>Scientific Reports</i> , 2016, 6, 38477.	1.6	29
102	Optic Atrophy 1 Is Epistatic to the Core MICOS Component MIC60 in Mitochondrial Cristae Shape Control. <i>Cell Reports</i> , 2016, 17, 3024-3034.	2.9	127
103	Aurora A drives early signalling and vesicle dynamics during T-cell activation. <i>Nature Communications</i> , 2016, 7, 11389.	5.8	53
104	The CoQH2/CoQ Ratio Serves as a Sensor of Respiratory Chain Efficiency. <i>Cell Reports</i> , 2016, 15, 197-209.	2.9	215
105	The apparent variability of silkworm (<i>Bombyx mori</i>) silk and its relationship with degumming. <i>European Polymer Journal</i> , 2016, 78, 129-140.	2.6	33
106	Dissecting the proteome dynamics of the early heat stress response leading to plant survival or death in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 1264-1278.	2.8	94
107	A Single In-Vial Dual Extraction Strategy for the Simultaneous Lipidomics and Proteomics Analysis of HDL and LDL Fractions. <i>Journal of Proteome Research</i> , 2016, 15, 1762-1775.	1.8	35
108	<i>Arabidopsis</i> DNA polymerase β recruits components of Polycomb repressor complex to mediate epigenetic gene silencing. <i>Nucleic Acids Research</i> , 2016, 44, 5597-5614.	6.5	34

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109	Hypothesis Driven versus Hypothesis-free: Filling the Gaps in CoQ Biosynthesis. <i>Cell Metabolism</i> , 2016, 24, 525-526.	7.2	2
110	Vascular Proteomics. , 2016, , 105-122.		0
111	Proteome-wide alterations on adipose tissue from obese patients as age-, diabetes- and gender-specific hallmarks. <i>Scientific Reports</i> , 2016, 6, 25756.	1.6	61
112	Mechanism of super-assembly of respiratory complexes III and IV. <i>Nature</i> , 2016, 539, 579-582.	13.7	157
113	Interplay between hepatic mitochondria-associated membranes, lipid metabolism and caveolin-1 in mice. <i>Scientific Reports</i> , 2016, 6, 27351.	1.6	131
114	Plasma Molecular Signatures in Hypertensive Patients With Renin-angiotensin System Suppression. <i>Hypertension</i> , 2016, 68, 157-166.	1.3	18
115	MMP-25 Metalloprotease Regulates Innate Immune Response through NF- κ B Signaling. <i>Journal of Immunology</i> , 2016, 197, 296-302.	0.4	34
116	¹⁸ O proteomics reveal increased human apolipoprotein CIII in Hispanic HIV ¹⁺ women with HAART that use cocaine. <i>Proteomics - Clinical Applications</i> , 2016, 10, 144-155.	0.8	4
117	p38 β and γ promote heart hypertrophy by targeting the mTOR-inhibitory protein DEPTOR for degradation. <i>Nature Communications</i> , 2016, 7, 10477.	5.8	68
118	The Quest for Metabolic Biomarkers of Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , 2016, 67, 190-192.	1.2	3
119	New protein-protein interactions of mitochondrial connexin 43 in mouse heart. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 794-803.	1.6	49
120	HDAC6 regulates the dynamics of lytic granules in cytotoxic T lymphocytes. <i>Journal of Cell Science</i> , 2016, 129, 1305-1311.	1.2	29
121	Genomic insights into the Ixodes scapularis tick vector of Lyme disease. <i>Nature Communications</i> , 2016, 7, 10507.	5.8	450
122	A Novel Systems-Biology Algorithm for the Analysis of Coordinated Protein Responses Using Quantitative Proteomics. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1740-1760.	2.5	86
123	Loss of the proteostasis factor AIRAPL causes myeloid transformation by deregulating IGF-1 signaling. <i>Nature Medicine</i> , 2016, 22, 91-96.	15.2	37
124	Quantitative proteomics reveals Piccolo as a candidate serological correlate of recovery from Guillain-Barré syndrome. <i>Oncotarget</i> , 2016, 7, 74582-74591.	0.8	5
125	Altered FoF1 ATP synthase and susceptibility to mitochondrial permeability transition pore during ischaemia and reperfusion in aging cardiomyocytes. <i>Thrombosis and Haemostasis</i> , 2015, 113, 441-451.	1.8	46
126	White matter injury restoration after stem cell administration in subcortical ischemic stroke. <i>Stem Cell Research and Therapy</i> , 2015, 6, 121.	2.4	52

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127	Alternatively Spliced Homologous Exons Have Ancient Origins and Are Highly Expressed at the Protein Level. <i>PLoS Computational Biology</i> , 2015, 11, e1004325.	1.5	80
128	Identification and Characterization of <i>Anaplasma phagocytophilum</i> Proteins Involved in Infection of the Tick Vector, <i>Ixodes scapularis</i> . <i>PLoS ONE</i> , 2015, 10, e0137237.	1.1	31
129	ApoA-I/HDL-C levels are inversely associated with abdominal aortic aneurysm progression. <i>Thrombosis and Haemostasis</i> , 2015, 113, 1335-1346.	1.8	41
130	Unexpected behavior of irradiated spider silk links conformational freedom to mechanical performance. <i>Soft Matter</i> , 2015, 11, 4868-4878.	1.2	17
131	Caveolin-1 deficiency induces a MEK-ERK1/2-independent epithelial-mesenchymal transition and fibrosis during peritoneal dialysis. <i>EMBO Molecular Medicine</i> , 2015, 7, 102-123.	3.3	79
132	Exploring analytical proteomics platforms toward the definition of human cardiac stem cells receptome. <i>Proteomics</i> , 2015, 15, 1332-1337.	1.3	14
133	Deficiency of MMP17/MT4-MMP Proteolytic Activity Predisposes to Aortic Aneurysm in Mice. <i>Circulation Research</i> , 2015, 117, e13-26.	2.0	53
134	Systems Biology of Tissue-Specific Response to <i>Anaplasma phagocytophilum</i> Reveals Differentiated Apoptosis in the Tick Vector <i>Ixodes scapularis</i> . <i>PLoS Genetics</i> , 2015, 11, e1005120.	1.5	139
135	Most Highly Expressed Protein-Coding Genes Have a Single Dominant Isoform. <i>Journal of Proteome Research</i> , 2015, 14, 1880-1887.	1.8	106
136	The potential clinical impact of the release of two drafts of the human proteome. <i>Expert Review of Proteomics</i> , 2015, 12, 579-593.	1.3	26
137	NOX4-dependent Hydrogen peroxide promotes shear stress-induced SHP2 sulfenylation and eNOS activation. <i>Free Radical Biology and Medicine</i> , 2015, 89, 419-430.	1.3	35
138	Revisiting Peptide Identification by High-Accuracy Mass Spectrometry: Problems Associated with the Use of Narrow Mass Precursor Windows. <i>Journal of Proteome Research</i> , 2015, 14, 700-710.	1.8	65
139	Executioner Caspase-3 and 7 Deficiency Reduces Myocyte Number in the Developing Mouse Heart. <i>PLoS ONE</i> , 2015, 10, e0131411.	1.1	38
140	Phosphatidylcholine-Coated Iron Oxide Nanomicelles for In Vivo Prolonged Circulation Time with an Antibiofouling Protein Corona. <i>Chemistry - A European Journal</i> , 2014, 20, 16662-16671.	1.7	26
141	Defective sarcoplasmic reticulum-mitochondria calcium exchange in aged mouse myocardium. <i>Cell Death and Disease</i> , 2014, 5, e1573-e1573.	2.7	85
142	Mesenchymal stem cell-coated sutures enhance collagen depositions in sutured tissues. <i>Wound Repair and Regeneration</i> , 2014, 22, 256-264.	1.5	19
143	The Leukocyte Activation Receptor CD69 Controls T Cell Differentiation through Its Interaction with Galectin-1. <i>Molecular and Cellular Biology</i> , 2014, 34, 2479-2487.	1.1	79
144	The human HDL proteome displays high inter-individual variability and is altered dynamically in response to angioplasty-induced atheroma plaque rupture. <i>Journal of Proteomics</i> , 2014, 106, 61-73.	1.2	30

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145	General Statistical Framework for Quantitative Proteomics by Stable Isotope Labeling. <i>Journal of Proteome Research</i> , 2014, 13, 1234-1247.	1.8	165
146	Analyzing the First Drafts of the Human Proteome. <i>Journal of Proteome Research</i> , 2014, 13, 3854-3855.	1.8	101
147	ATP-Dependent Lon Protease Controls Tumor Bioenergetics by Reprogramming Mitochondrial Activity. <i>Cell Reports</i> , 2014, 8, 542-556.	2.9	186
148	Multiple evidence strands suggest that there may be as few as 19 000 human protein-coding genes. <i>Human Molecular Genetics</i> , 2014, 23, 5866-5878.	1.4	463
149	Ischemic preconditioning protects cardiomyocyte mitochondria through mechanisms independent of cytosol. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 68, 79-88.	0.9	58
150	Proteomic changes in HEK-293 cells induced by hepatitis delta virus replication. <i>Journal of Proteomics</i> , 2013, 89, 24-38.	1.2	20
151	Na ⁺ /K ⁺ -ATPase Is a New Interacting Partner for the Neuronal Glycine Transporter GlyT2 That Downregulates Its Expression In Vitro and In Vivo. <i>Journal of Neuroscience</i> , 2013, 33, 14269-14281.	1.7	35
152	Sumoylated hnRNPA2B1 controls the sorting of miRNAs into exosomes through binding to specific motifs. <i>Nature Communications</i> , 2013, 4, 2980.	5.8	1,522
153	Self-Renewing Human Bone Marrow Mesenspheres Promote Hematopoietic Stem Cell Expansion. <i>Cell Reports</i> , 2013, 3, 1714-1724.	2.9	128
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