

Jesus Vazquez

List of Publications by Year in descending order

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255
papers

17,629
citations

17440

63
h-index

19190

118
g-index

266
all docs

266
docs citations

266
times ranked

27255
citing authors

#	ARTICLE	IF	CITATIONS
1	Sumoylated hnRNPA2B1 controls the sorting of miRNAs into exosomes through binding to specific motifs. <i>Nature Communications</i> , 2013, 4, 2980.	12.8	1,522
2	Vesiclepedia: A Compendium for Extracellular Vesicles with Continuous Community Annotation. <i>PLoS Biology</i> , 2012, 10, e1001450.	5.6	1,064
3	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.	2.9	463
4	Genomic insights into the <i>Ixodes scapularis</i> tick vector of Lyme disease. <i>Nature Communications</i> , 2016, 7, 10507.	12.8	450
5	The Intracellular Interactome of Tetraspanin-enriched Microdomains Reveals Their Function as Sorting Machineries toward Exosomes. <i>Journal of Biological Chemistry</i> , 2013, 288, 11649-11661.	3.4	377
6	Glutathionylation of the p50 Subunit of NF- κ B: a Mechanism for Redox-Induced Inhibition of DNA Binding. <i>Biochemistry</i> , 2001, 40, 14134-14142.	2.5	366
7	A Network of Macrophages Supports Mitochondrial Homeostasis in the Heart. <i>Cell</i> , 2020, 183, 94-109.e23.	28.9	360
8	Mitochondrial and nuclear DNA matching shapes metabolism and healthy ageing. <i>Nature</i> , 2016, 535, 561-565.	27.8	333
9	SQANTI: 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.	5.5	299
10	S-nitrosylation of Hsp90 promotes the inhibition of its ATPase and endothelial nitric oxide synthase regulatory activities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8525-8530.	7.1	294
11	A polymorphism in the regulatory region of APOE associated with risk for Alzheimer's dementia. <i>Nature Genetics</i> , 1998, 18, 69-71.	21.4	291
12	Mammalian lipid droplets are innate immune hubs integrating cell metabolism and host defense. <i>Science</i> , 2020, 370, .	12.6	245
13	The CoQH2/CoQ Ratio Serves as a Sensor of Respiratory Chain Efficiency. <i>Cell Reports</i> , 2016, 15, 197-209.	6.4	215
14	Allelic polymorphisms in the transcriptional regulatory region of apolipoprotein E gene. <i>FEBS Letters</i> , 1998, 421, 105-108.	2.8	213
15	ITAM-Based Interaction of ERM Proteins with Syk Mediates Signaling by the Leukocyte Adhesion Receptor PSGL-1. <i>Immunity</i> , 2002, 17, 401-412.	14.3	200
16	ATP-Dependent Lon Protease Controls Tumor Bioenergetics by Reprogramming Mitochondrial Activity. <i>Cell Reports</i> , 2014, 8, 542-556.	6.4	186
17	Use of toxins to study potassium channels. <i>Journal of Bioenergetics and Biomembranes</i> , 1991, 23, 615-646.	2.3	184
18	Programmed "disarming" of the neutrophil proteome reduces the magnitude of inflammation. <i>Nature Immunology</i> , 2020, 21, 135-144.	14.5	180

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19	MTOC translocation modulates IS formation and controls sustained T cell signaling. <i>Journal of Cell Biology</i> , 2008, 182, 951-962.	5.2	165
20	General Statistical Framework for Quantitative Proteomics by Stable Isotope Labeling. <i>Journal of Proteome Research</i> , 2014, 13, 1234-1247.	3.7	165
21	A Refined Method To Calculate False Discovery Rates for Peptide Identification Using Decoy Databases. <i>Journal of Proteome Research</i> , 2009, 8, 1792-1796.	3.7	161
22	Mechanism of super-assembly of respiratory complexes III and IV. <i>Nature</i> , 2016, 539, 579-582.	27.8	157
23	Ultra Fast Trypsin Digestion of Proteins by High Intensity Focused Ultrasound. <i>Journal of Proteome Research</i> , 2005, 4, 1569-1574.	3.7	155
24	Properties of Average Score Distributions of SEQUEST. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 1135-1145.	3.8	142
25	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.	3.5	139
26	Risk for Alzheimer's disease correlates with transcriptional activity of the APOE gene. <i>Human Molecular Genetics</i> , 1998, 7, 1887-1892.	2.9	135
27	APPRIS 2017: principal isoforms for multiple gene sets. <i>Nucleic Acids Research</i> , 2018, 46, D213-D217.	14.5	134
28	Interplay between hepatic mitochondria-associated membranes, lipid metabolism and caveolin-1 in mice. <i>Scientific Reports</i> , 2016, 6, 27351.	3.3	131
29	Self-Renewing Human Bone Marrow Mesospheres Promote Hematopoietic Stem Cell Expansion. <i>Cell Reports</i> , 2013, 3, 1714-1724.	6.4	128
30	Optic Atrophy 1 Is Epistatic to the Core MICOS Component MIC60 in Mitochondrial Cristae Shape Control. <i>Cell Reports</i> , 2016, 17, 3024-3034.	6.4	127
31	Connexin43 in cardiomyocyte mitochondria contributes to mitochondrial potassium uptake. <i>Cardiovascular Research</i> , 2009, 83, 747-756.	3.8	124
32	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.	16.2	122
33	The cristae modulator Optic atrophy 1 requires mitochondrial ATP synthase oligomers to safeguard mitochondrial function. <i>Nature Communications</i> , 2018, 9, 3399.	12.8	111
34	Most Highly Expressed Protein-Coding Genes Have a Single Dominant Isoform. <i>Journal of Proteome Research</i> , 2015, 14, 1880-1887.	3.7	106
35	Peptide Rearrangement during Quadrupole Ion Trap Fragmentation: Added Complexity to MS/MS Spectra. <i>Analytical Chemistry</i> , 2003, 75, 1524-1535.	6.5	101
36	Statistical Model for Large-Scale Peptide Identification in Databases from Tandem Mass Spectra Using SEQUEST. <i>Analytical Chemistry</i> , 2004, 76, 6853-6860.	6.5	101

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37	Analyzing the First Drafts of the Human Proteome. <i>Journal of Proteome Research</i> , 2014, 13, 3854-3855.	3.7	101
38	<i>Anaplasma phagocytophilum</i> Inhibits Apoptosis and Promotes Cytoskeleton Rearrangement for Infection of Tick Cells. <i>Infection and Immunity</i> , 2013, 81, 2415-2425.	2.2	99
39	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.	14.5	98
40	Characterization and partial sequencing of species-specific sarcoplasmic polypeptides from commercial hake species by mass spectrometry following two-dimensional electrophoresis. <i>Electrophoresis</i> , 2001, 22, 1545-1552.	2.4	96
41	A Robust Method for Quantitative High-throughput Analysis of Proteomes by 18O Labeling. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003335.	3.8	95
42	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.	5.7	94
43	Proteomics as a Tool for the Investigation of Seafood and Other Marine Products. <i>Journal of Proteome Research</i> , 2003, 2, 127-135.	3.7	92
44	Caveolin-1 Modulates Mechanotransduction Responses to Substrate Stiffness through Actin-Dependent Control of YAP. <i>Cell Reports</i> , 2018, 25, 1622-1635.e6.	6.4	91
45	Identification of commercial hake and grenadier species by proteomic analysis of the parvalbumin fraction. <i>Proteomics</i> , 2006, 6, 5278-5287.	2.2	90
46	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.	3.8	86
47	Defective sarcoplasmic reticulum mitochondria calcium exchange in aged mouse myocardium. <i>Cell Death and Disease</i> , 2014, 5, e1573-e1573.	6.3	85
48	Fast Monitoring of Species-Specific Peptide Biomarkers Using High-Intensity-Focused-Ultrasound-Assisted Tryptic Digestion and Selected MS/MS Ion Monitoring. <i>Analytical Chemistry</i> , 2011, 83, 5688-5695.	6.5	81
49	Alternatively Spliced Homologous Exons Have Ancient Origins and Are Highly Expressed at the Protein Level. <i>PLoS Computational Biology</i> , 2015, 11, e1004325.	3.2	80
50	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.	2.3	79
51	Caveolin-1 deficiency induces a MEK-ERK1/2-dependent epithelial-mesenchymal transition and fibrosis during peritoneal dialysis. <i>EMBO Molecular Medicine</i> , 2015, 7, 102-123.	6.9	79
52	Improved Method for Differential Expression Proteomics Using Trypsin-catalyzed 18O Labeling with a Correction for Labeling Efficiency. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1274-1286.	3.8	78
53	Differential Association of HLA-B*2705 and B*2709 to Ankylosing Spondylitis Correlates with Limited Peptide Subsets but Not with Altered Cell Surface Stability. <i>Journal of Biological Chemistry</i> , 2002, 277, 28749-28756.	3.4	77
54	Statistical Model to Analyze Quantitative Proteomics Data Obtained by 18O/16O Labeling and Linear Ion Trap Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 1130-1149.	3.8	76

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55	ISG15 governs mitochondrial function in macrophages following vaccinia virus infection. PLoS Pathogens, 2017, 13, e1006651.	4.7	75
56	The glycine receptor: pharmacological studies and mathematical modeling of the allosteric interaction between the glycine- and strychnine-binding sites. Molecular Pharmacology, 1986, 30, 590-7.	2.3	75
57	De Novo Mass Spectrometry Sequencing and Characterization of Species-Specific Peptides from Nucleoside Diphosphate Kinase B for the Classification of Commercial Fish Species Belonging to the Family Merlucciidae. Journal of Proteome Research, 2007, 6, 3070-3080.	3.7	74
58	p38 β is essential for cell cycle progression and liver tumorigenesis. Nature, 2019, 568, 557-560.	27.8	72
59	ALDH4A1 is an atherosclerosis auto-antigen targeted by protective antibodies. Nature, 2021, 589, 287-292.	27.8	72
60	Application of proteomics for fast identification of species-specific peptides from marine species. Proteomics, 2002, 2, 1658-1665.	2.2	70
61	Transcriptional activation by AP-2alpha is modulated by the oncogene DEK. Nucleic Acids Research, 2003, 31, 1571-1575.	14.5	70
62	High-sensitivity analysis of specific peptides in complex samples by selected MS/MS ion monitoring and linear ion trap mass spectrometry: Application to biological studies. Journal of Mass Spectrometry, 2007, 42, 1391-1403.	1.6	68
63	p38 β and τ promote heart hypertrophy by targeting the mTOR-inhibitory protein DEPTOR for degradation. Nature Communications, 2016, 7, 10477.	12.8	68
64	Functional role of respiratory supercomplexes in mice: SCAF1 relevance and segmentation of the Q pool. Science Advances, 2020, 6, eaba7509.	10.3	68
65	The Peptide Repertoires of HLA-B27 Subtypes Differentially Associated to Spondyloarthritis (B*2704). Tj ETQq1 1 0.784314 rgBT / Ov 2002, 277, 16744-16749.	3.4	66
66	A proteomic approach to the study of the marine mussels Mytilus edulis and M. galloprovincialis. Marine Biology, 2002, 141, 217-223.	1.5	66
67	Flow Cytometry Has a Significant Impact on the Cellular Metabolome. Journal of Proteome Research, 2019, 18, 169-181.	3.7	66
68	A Novel Strategy for Global Analysis of the Dynamic Thiol Redox Proteome. Molecular and Cellular Proteomics, 2012, 11, 800-813.	3.8	65
69	Revisiting Peptide Identification by High-Accuracy Mass Spectrometry: Problems Associated with the Use of Narrow Mass Precursor Windows. Journal of Proteome Research, 2015, 14, 700-710.	3.7	65
70	CD81 regulates cell migration through its association with Rac GTPase. Molecular Biology of the Cell, 2013, 24, 261-273.	2.1	64
71	Transcription factor AP-2 activity is modulated by protein kinase A-mediated phosphorylation. FEBS Letters, 1999, 444, 27-31.	2.8	62
72	Blockade of NFAT Activation by the Second Calcineurin Binding Site. Journal of Biological Chemistry, 2006, 281, 6227-6235.	3.4	62

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73	Loose ends: almost one in five human genes still have unresolved coding status. <i>Nucleic Acids Research</i> , 2018, 46, 7070-7084.	14.5	62
74	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
75	Ryanodine Receptor Glycation Favors Mitochondrial Damage in the Senescent Heart. <i>Circulation</i> , 2019, 139, 949-964.	1.6	62
76	Cyclosporine A-induced nitration of tyrosine 34 MnSOD in endothelial cells: role of mitochondrial superoxide. <i>Cardiovascular Research</i> , 2010, 87, 356-365.	3.8	61
77	Proteome-wide alterations on adipose tissue from obese patients as age-, diabetes- and gender-specific hallmarks. <i>Scientific Reports</i> , 2016, 6, 25756.	3.3	61
78	Transcription Factor AP-2 Regulates Human Apolipoprotein E Gene Expression in Astrocytoma Cells. <i>Journal of Neuroscience</i> , 1996, 16, 7550-7556.	3.6	60
79	Extensive <i>De Novo</i> Sequencing of New Parvalbumin Isoforms Using a Novel Combination of Bottom-Up Proteomics, Accurate Molecular Mass Measurement by FTICR-MS, and Selected MS/MS Ion Monitoring. <i>Journal of Proteome Research</i> , 2010, 9, 4393-4406.	3.7	60
80	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.	8.3	60
81	Characterization of high affinity binding sites for charybdotoxin in synaptic plasma membranes from rat brain. Evidence for a direct association with an inactivating, voltage-dependent, potassium channel. <i>Journal of Biological Chemistry</i> , 1990, 265, 15564-71.	3.4	60
82	c-Jun N-terminal Kinase (JNK) Positively Regulates NFATc2 Transactivation through Phosphorylation within the N-terminal Regulatory Domain. <i>Journal of Biological Chemistry</i> , 2005, 280, 20867-20878.	3.4	59
83	SanXoT: a modular and versatile package for the quantitative analysis of high-throughput proteomics experiments. <i>Bioinformatics</i> , 2019, 35, 1594-1596.	4.1	59
84	High-sensitivity analysis and sequencing of peptides and proteins by quadrupole ion trap mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1999, 34, 17-27.	1.6	58
85	Ischemic preconditioning protects cardiomyocyte mitochondria through mechanisms independent of cytosol. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 68, 79-88.	1.9	58
86	The immunomodulatory activity of extracellular vesicles derived from endometrial mesenchymal stem cells on CD4+ T cells is partially mediated by TGF β . <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 2088-2098.	2.7	58
87	ECM deposition is driven by caveolin-1-dependent regulation of exosomal biogenesis and cargo sorting. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	58
88	Interaction of bilirubin with the synaptosomal plasma membrane. <i>Journal of Biological Chemistry</i> , 1988, 263, 1255-65.	3.4	58
89	Quantitative proteomics using 16O/18O labeling and linear ion trap mass spectrometry. <i>Proteomics</i> , 2006, 6, S4-S11.	2.2	57
90	Sample treatment for protein identification by mass spectrometry-based techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2006, 25, 996-1005.	11.4	57

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91	Expression of Heat Shock and Other Stress Response Proteins in Ticks and Cultured Tick Cells in Response to <i>Anaplasma</i> spp. Infection and Heat Shock. <i>International Journal of Proteomics</i> , 2010, 2010, 1-11.	2.0	55
92	An analysis of tissue-specific alternative splicing at the protein level. <i>PLoS Computational Biology</i> , 2020, 16, e1008287.	3.2	55
93	Purification and characterization of paraoxon hydrolase from rat liver. <i>Biochemical Journal</i> , 1997, 321, 595-601.	3.7	54
94	F-actin-binding protein drebrin regulates CXCR4 recruitment to the immune synapse. <i>Journal of Cell Science</i> , 2010, 123, 1160-1170.	2.0	54
95	Cutting Edge: Association of the Motor Protein Nonmuscle Myosin Heavy Chain-IIA with the C Terminus of the Chemokine Receptor CXCR4 in T Lymphocytes. <i>Journal of Immunology</i> , 2002, 169, 5410-5414.	0.8	53
96	Deficiency of MMP17/MT4-MMP Proteolytic Activity Predisposes to Aortic Aneurysm in Mice. <i>Circulation Research</i> , 2015, 117, e13-26.	4.5	53
97	Aurora A drives early signalling and vesicle dynamics during T-cell activation. <i>Nature Communications</i> , 2016, 7, 11389.	12.8	53
98	Characterization of high affinity binding sites for charybdotoxin in sarcolemmal membranes from bovine aortic smooth muscle. Evidence for a direct association with the high conductance calcium-activated potassium channel. <i>Journal of Biological Chemistry</i> , 1989, 264, 20902-9.	3.4	53
99	The same natural ligand is involved in allorecognition of multiple HLA-B27 subtypes by a single T cell clone: role of peptide and the MHC molecule in alloreactivity. <i>Journal of Immunology</i> , 1998, 161, 5481-90.	0.8	53
100	Differential effects of the tricyclic antidepressant amoxapine on glycine uptake mediated by the recombinant GLYT1 and GLYT2 glycine transporters. <i>British Journal of Pharmacology</i> , 2000, 129, 200-206.	5.4	52
101	Growth, mortality, pathological conditions and protein expression of <i>Mytilus edulis</i> and <i>M. galloprovincialis</i> crosses cultured in the R��a de Arousa (NW of Spain). <i>Aquaculture</i> , 2002, 213, 233-251.	3.5	52
102	White matter injury restoration after stem cell administration in subcortical ischemic stroke. <i>Stem Cell Research and Therapy</i> , 2015, 6, 121.	5.5	52
103	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.	1.4	52
104	Two-dimensional gel electrophoresis of <i>Mytilus galloprovincialis</i> differences in protein expression between intertidal and cultured mussels. <i>Marine Ecology - Progress Series</i> , 2001, 224, 149-156.	1.9	51
105	New protein-protein interactions of mitochondrial connexin 43 in mouse heart. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 794-803.	3.6	49
106	Proteomic and transcriptomic analyses of differential stress/inflammatory responses in mandibular lymph nodes and oropharyngeal tonsils of European wild boars naturally infected with <i>Mycobacterium bovis</i> . <i>Proteomics</i> , 2007, 7, 220-231.	2.2	48
107	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.	2.9	47
108	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.	3.4	46

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109	Activation of Serine One-Carbon Metabolism by Calcineurin A ²¹ Reduces Myocardial Hypertrophy and Improves Ventricular Function. <i>Journal of the American College of Cardiology</i> , 2018, 71, 654-667.	2.8	45
110	Thermodynamics of Agonist and Antagonist Interaction with the Strychnine-Sensitive Glycine Receptor. <i>Journal of Neurochemistry</i> , 1989, 52, 1775-1780.	3.9	44
111	EWI-2 Association with F-Actinin Regulates T Cell Immune Synapses and HIV Viral Infection. <i>Journal of Immunology</i> , 2012, 189, 689-700.	0.8	44
112	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.	2.7	44
113	Scaf1 promotes respiratory supercomplexes and metabolic efficiency in zebrafish. <i>EMBO Reports</i> , 2020, 21, e50287.	4.5	42
114	Purification of the sodium- and chloride-coupled glycine transporter from central nervous system. <i>Journal of Biological Chemistry</i> , 1991, 266, 24809-14.	3.4	42
115	Beneficial effects of omega-3 fatty acids in the proteome of high-density lipoprotein proteome. <i>Lipids in Health and Disease</i> , 2012, 11, 116.	3.0	41
116	ApoA-I/HDL-C levels are inversely associated with abdominal aortic aneurysm progression. <i>Thrombosis and Haemostasis</i> , 2015, 113, 1335-1346.	3.4	41
117	Loss of SRSF3 in Cardiomyocytes Leads to Decapping of Contraction-Related mRNAs and Severe Systolic Dysfunction. <i>Circulation Research</i> , 2019, 125, 170-183.	4.5	41
118	Inhibition of insulin release by synthetic peptides shows that the H3 region at the C-terminal domain of syntaxin-1 is crucial for Ca ²⁺ - but not for guanosine 5'-[³ -thio]triphosphate-induced secretion. <i>Biochemical Journal</i> , 1996, 320, 201-205.	3.7	40
119	Limited Diversity of Peptides Related to an Alloreactive T Cell Epitope in the HLA-B27-Bound Peptide Repertoire Results from Restrictions at Multiple Steps Along the Processing-Loading Pathway. <i>Journal of Immunology</i> , 2000, 164, 329-337.	0.8	40
120	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.	9.0	40
121	APOA1 oxidation is associated to dysfunctional high-density lipoproteins in human abdominal aortic aneurysm. <i>EBioMedicine</i> , 2019, 43, 43-53.	6.1	40
122	Evidence of saxitoxin derivatives as causative agents in the 1997 mass mortality of monk seals in the Cape Blanc Peninsula. <i>Natural Toxins</i> , 1999, 7, 311-315.	1.0	39
123	CXCL6 is an important paracrine factor in the pro-angiogenic human cardiac progenitor-like cell secretome. <i>Scientific Reports</i> , 2017, 7, 12490.	3.3	39
124	Comprehensive Quantification of the Modified Proteome Reveals Oxidative Heart Damage in Mitochondrial Heteroplasmy. <i>Cell Reports</i> , 2018, 23, 3685-3697.e4.	6.4	39
125	Arabidopsis YAF9 histone readers modulate flowering time through NuA4 complex-dependent H4 and H2A.Z histone acetylation at FLC chromatin. <i>New Phytologist</i> , 2019, 222, 1893-1908.	7.3	39
126	Caveolin1 and YAP drive mechanically induced mesothelial to mesenchymal transition and fibrosis. <i>Cell Death and Disease</i> , 2020, 11, 647.	6.3	39

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127	The Cys-67 Residue of HLA-B27 Influences Cell Surface Stability, Peptide Specificity, and T-cell Antigen Presentation. <i>Journal of Biological Chemistry</i> , 2001, 276, 48740-48747.	3.4	38
128	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.	4.7	38
129	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.	4.1	38
130	Executioner Caspase-3 and 7 Deficiency Reduces Myocyte Number in the Developing Mouse Heart. <i>PLoS ONE</i> , 2015, 10, e0131411.	2.5	38
131	Specific interaction of heterogeneous nuclear ribonucleoprotein A1 with the -219T allelic form modulates APOE promoter activity. <i>Nucleic Acids Research</i> , 2003, 31, 3063-3070.	14.5	37
132	Loss of the proteostasis factor AIRAPL causes myeloid transformation by deregulating IGF-1 signaling. <i>Nature Medicine</i> , 2016, 22, 91-96.	30.7	37
133	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.	3.3	37
134	The metalloprotease ADAM8 is associated with and regulates the function of the adhesion receptor PSGL-1 through ERM proteins. <i>European Journal of Immunology</i> , 2011, 41, 3436-3442.	2.9	36
135	Oxidized Low-Density Lipoprotein Receptor in Lymphocytes Prevents Atherosclerosis and Predicts Subclinical Disease. <i>Circulation</i> , 2019, 139, 243-255.	1.6	36
136	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.	3.6	35
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.	2.9	35
138	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.	3.7	35
139	Arabidopsis DNA polymerase β recruits components of Polycomb repressor complex to mediate epigenetic gene silencing. <i>Nucleic Acids Research</i> , 2016, 44, 5597-5614.	14.5	34
140	MMP-25 Metalloprotease Regulates Innate Immune Response through NF- κ B Signaling. <i>Journal of Immunology</i> , 2016, 197, 296-302.	0.8	34
141	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.	2.5	33
142	The apparent variability of silkworm (<i>Bombyx mori</i>) silk and its relationship with degumming. <i>European Polymer Journal</i> , 2016, 78, 129-140.	5.4	33
143	Urinary exosomes reveal protein signatures in hypertensive patients with albuminuria. <i>Oncotarget</i> , 2017, 8, 44217-44231.	1.8	33
144	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.	9.0	32

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145	Complement C5 Protein as a Marker of Subclinical Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2020, 75, 1926-1941.	2.8	32
146	Mechanical control of nuclear import by Importin-7 is regulated by its dominant cargo YAP. <i>Nature Communications</i> , 2022, 13, 1174.	12.8	32
147	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.	2.5	31
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