

Juan Antonio Lopez

List of Publications by Citations

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141
papers

6,287
citations

43
h-index

75
g-index

141
ext. papers

7,276
ext. citations

6.1
avg, IF

5.07
L-index

#	Paper	IF	Citations
141	Loss of acetylation at Lys16 and trimethylation at Lys20 of histone H4 is a common hallmark of human cancer. <i>Nature Genetics</i> , 2005 , 37, 391-400	36.3	1492
140	Protein A-mediated multicellular behavior in <i>Staphylococcus aureus</i> . <i>Journal of Bacteriology</i> , 2009 , 191, 832-43	3.5	215
139	Cleavage of the human respiratory syncytial virus fusion protein at two distinct sites is required for activation of membrane fusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 9859-64	11.5	168
138	Overexpression of the multidrug efflux pumps MexCD-OprJ and MexEF-OprN is associated with a reduction of type III secretion in <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2005 , 187, 1384-91	3.5	124
137	Cyclostreptin binds covalently to microtubule pores and luminal taxoid binding sites 2007 , 3, 117-25		116
136	Interplay between hepatic mitochondria-associated membranes, lipid metabolism and caveolin-1 in mice. <i>Scientific Reports</i> , 2016 , 6, 27351	4.9	102
135	Exosomes promote restoration after an experimental animal model of intracerebral hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2018 , 38, 767-779	7.3	101
134	Diabetic nephropathy induces changes in the proteome of human urinary exosomes as revealed by label-free comparative analysis. <i>Journal of Proteomics</i> , 2014 , 96, 92-102	3.9	101
133	Proteomic analysis of the human receptive versus non-receptive endometrium using differential in-gel electrophoresis and MALDI-MS unveils stathmin 1 and annexin A2 as differentially regulated. <i>Human Reproduction</i> , 2009 , 24, 2607-17	5.7	100
132	Self-renewing human bone marrow mesospheres promote hematopoietic stem cell expansion. <i>Cell Reports</i> , 2013 , 3, 1714-24	10.6	97
131	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	6	88
130	Proteomic analysis of human omental adipose tissue in the polycystic ovary syndrome using two-dimensional difference gel electrophoresis and mass spectrometry. <i>Human Reproduction</i> , 2008 , 23, 651-61	5.7	85
129	Mammalian lipid droplets are innate immune hubs integrating cell metabolism and host defense. <i>Science</i> , 2020 , 370,	33.3	82
128	Differential proteomics of omental and subcutaneous adipose tissue reflects their unlike biochemical and metabolic properties. <i>Journal of Proteome Research</i> , 2009 , 8, 1682-93	5.6	79
127	Characterization of a human astrovirus serotype 2 structural protein (VP26) that contains an epitope involved in virus neutralization. <i>Virology</i> , 1994 , 201, 312-20	3.6	79
126	A proteomic approach to study pea (<i>Pisum sativum</i>) responses to powdery mildew (<i>Erysiphe pisi</i>). <i>Proteomics</i> , 2006 , 6 Suppl 1, S163-74	4.8	74
125	A study of the <i>Candida albicans</i> cell wall proteome. <i>Proteomics</i> , 2008 , 8, 3871-81	4.8	72

124	Zampanolide, a potent new microtubule-stabilizing agent, covalently reacts with the taxane luminal site in tubulin heterodimers and microtubules. <i>Chemistry and Biology</i> , 2012 , 19, 686-98		68
123	An innovative sandwich ELISA system based on an antibody cocktail for gluten analysis. <i>FEBS Letters</i> , 1998 , 439, 46-50	3.8	65
122	Identification of peroxiredoxin-1 as a novel biomarker of abdominal aortic aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 935-43	9.4	63
121	Proteomic analysis of polymorphonuclear neutrophils identifies catalase as a novel biomarker of abdominal aortic aneurysm: potential implication of oxidative stress in abdominal aortic aneurysm progression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 3011-9	9.4	63
120	Analysis of genetic variability in human respiratory syncytial virus by the RNase A mismatch cleavage method: subtype divergence and heterogeneity. <i>Virology</i> , 1990 , 174, 126-34	3.6	63
119	Frame shift mutations as a novel mechanism for the generation of neutralization resistant mutants of human respiratory syncytial virus. <i>EMBO Journal</i> , 1990 , 9, 4181-7	13	63
118	Proteomic analysis of phytopathogenic fungus <i>Botrytis cinerea</i> as a potential tool for identifying pathogenicity factors, therapeutic targets and for basic research. <i>Archives of Microbiology</i> , 2007 , 187, 207-15	3	62
117	Structural analysis of the human respiratory syncytial virus phosphoprotein: characterization of an alpha-helical domain involved in oligomerization. <i>Journal of General Virology</i> , 2006 , 87, 159-169	4.9	62
116	Two-dimensional electrophoresis protein profile of the phytopathogenic fungus <i>Botrytis cinerea</i> . <i>Proteomics</i> , 2006 , 6 Suppl 1, S88-96	4.8	61
115	Nitric oxide increases cardiac IK1 by nitrosylation of cysteine 76 of Kir2.1 channels. <i>Circulation Research</i> , 2009 , 105, 383-92	15.7	59
114	Nucleotide sequence of the fusion and phosphoprotein genes of human respiratory syncytial (RS) virus Long strain: evidence of subtype genetic heterogeneity. <i>Virus Research</i> , 1988 , 10, 249-61	6.4	59
113	Changes in <i>Escherichia coli</i> outer membrane subproteome under environmental conditions inducing the viable but nonculturable state. <i>FEMS Microbiology Ecology</i> , 2008 , 64, 28-36	4.3	57
112	PTRF/cavin-1 and MIF proteins are identified as non-small cell lung cancer biomarkers by label-free proteomics. <i>PLoS ONE</i> , 2012 , 7, e33752	3.7	55
111	Caveolin-1 Modulates Mechanotransduction Responses to Substrate Stiffness through Actin-Dependent Control of YAP. <i>Cell Reports</i> , 2018 , 25, 1622-1635.e6	10.6	54
110	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, 1264-78	8.4	53
109	p38 is essential for cell cycle progression and liver tumorigenesis. <i>Nature</i> , 2019 , 568, 557-560	50.4	51
108	Modifications in the human T cell proteome induced by intracellular HIV-1 Tat protein expression. <i>Proteomics</i> , 2006 , 6 Suppl 1, S63-73	4.8	51
107	Secretome analysis of atherosclerotic and non-atherosclerotic arteries reveals dynamic extracellular remodeling during pathogenesis. <i>Journal of Proteomics</i> , 2012 , 75, 2960-71	3.9	49

106	A Novel Systems-Biology Algorithm for the Analysis of Coordinated Protein Responses Using Quantitative Proteomics. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1740-60	7.6	48
105	p38 β and β promote heart hypertrophy by targeting the mTOR-inhibitory protein DEPTOR for degradation. <i>Nature Communications</i> , 2016 , 7, 10477	17.4	46
104	Phosphorylation and subcellular localization of transmissible gastroenteritis virus nucleocapsid protein in infected cells. <i>Journal of General Virology</i> , 2005 , 86, 2255-2267	4.9	46
103	White matter injury restoration after stem cell administration in subcortical ischemic stroke. <i>Stem Cell Research and Therapy</i> , 2015 , 6, 121	8.3	45
102	Modeling human endometrial decidualization from the interaction between proteome and secretome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 706-16	5.6	45
101	Evidence of multiple regulatory functions for the PtsN (IIA(Ntr)) protein of <i>Pseudomonas putida</i> . <i>Journal of Bacteriology</i> , 2001 , 183, 1032-7	3.5	45
100	Conformational constraints of conserved neutralizing epitopes from a major antigenic area of human respiratory syncytial virus fusion glycoprotein. <i>Journal of General Virology</i> , 1993 , 74 (Pt 12), 2567-77	4.9	45
99	SPARC promotes cathepsin B-mediated melanoma invasiveness through a collagen I/ $\alpha 1$ integrin axis. <i>Journal of Investigative Dermatology</i> , 2011 , 131, 2438-47	4.3	44
98	Comparative NMR and MS studies on the mechanism of enantioseparation of propranolol with heptakis(2,3-diacetyl-6-sulfo)- β -cyclodextrin in capillary electrophoresis with aqueous and non-aqueous electrolytes. <i>Electrophoresis</i> , 2011 , 32, 1156-63	3.6	41
97	Selective identification by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry of different types of gluten in foods made with cereal mixtures. <i>Journal of Chromatography A</i> , 1998 , 823, 299-306	4.5	41
96	Proteomic and transcriptional characterization of aromatic degradation pathways in <i>Rhodococcus</i> sp. strain TFB. <i>Proteomics</i> , 2006 , 6 Suppl 1, S119-32	4.8	41
95	Proteomic analysis of intraluminal thrombus highlights complement activation in human abdominal aortic aneurysms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 2013-20	9.4	40
94	Applying selected reaction monitoring to targeted proteomics. <i>Expert Review of Proteomics</i> , 2011 , 8, 165-73	4.2	40
93	Location of a highly conserved neutralizing epitope in the F glycoprotein of human respiratory syncytial virus. <i>Journal of Virology</i> , 1990 , 64, 927-30	6.6	40
92	The presence of HIV-1 Tat protein second exon delays fas protein-mediated apoptosis in CD4+ T lymphocytes: a potential mechanism for persistent viral production. <i>Journal of Biological Chemistry</i> , 2013 , 288, 7626-7644	5.4	39
91	Proteome-wide alterations on adipose tissue from obese patients as age-, diabetes- and gender-specific hallmarks. <i>Scientific Reports</i> , 2016 , 6, 25756	4.9	37
90	Proteomic strategies in the search of new biomarkers in atherothrombosis. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2009-16	15.1	37
89	Endothelial nitric oxide deficiency reduces MMP-13-mediated cleavage of ICAM-1 in vascular endothelium: a role in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 27-32	9.4	37

88	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	2.2	36
87	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	24.6	36
86	ApoA-I/HDL-C levels are inversely associated with abdominal aortic aneurysm progression. <i>Thrombosis and Haemostasis</i> , 2015 , 113, 1335-46	7	35
85	Separation of enantiomers of ephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: comparative CE, NMR and high resolution MS studies. <i>Electrophoresis</i> , 2011 , 32, 2640-7	3.6	35
84	Setae from the pine processionary moth (<i>Thaumetopoea pityocampa</i>) contain several relevant allergens. <i>Contact Dermatitis</i> , 2012 , 67, 367-74	2.7	34
83	Attenuated metabolism is a hallmark of obesity as revealed by comparative proteomic analysis of human omental adipose tissue. <i>Journal of Proteomics</i> , 2012 , 75, 783-95	3.9	34
82	Proteomic analysis from haploid and diploid embryos of <i>Quercus suber</i> L. identifies qualitative and quantitative differential expression patterns. <i>Proteomics</i> , 2009 , 9, 4355-67	4.8	34
81	Nitric oxide elicits functional MMP-13 protein-tyrosine nitration during wound repair. <i>FASEB Journal</i> , 2008 , 22, 3207-15	0.9	33
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	14.4	32
79	Protein phosphorylation analysis in archival clinical cancer samples by shotgun and targeted proteomics approaches. <i>Molecular BioSystems</i> , 2011 , 7, 2368-74		32
78	Proteome changes in the myocardium of experimental chronic diabetes and hypertension: role of PPAR α in the associated hypertrophy. <i>Journal of Proteomics</i> , 2012 , 75, 1816-29	3.9	29
77	CXCL6 is an important paracrine factor in the pro-angiogenic human cardiac progenitor-like cell secretome. <i>Scientific Reports</i> , 2017 , 7, 12490	4.9	28
76	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	11.3	27
75	Proteomic perspective of <i>Quercus suber</i> somatic embryogenesis. <i>Journal of Proteomics</i> , 2013 , 93, 314-25.9		27
74	Application of proteomics technology for analyzing the interactions between host cells and intracellular infectious agents. <i>Proteomics</i> , 2008 , 8, 852-73	4.8	27
73	MALDI profiling of human lung cancer subtypes. <i>PLoS ONE</i> , 2009 , 4, e7731	3.7	27
72	iTRAQ proteomic analysis of extracellular matrix remodeling in aortic valve disease. <i>Scientific Reports</i> , 2015 , 5, 17290	4.9	26
71	Experimental validation of Haldane's hypothesis on the role of infection as an evolutionary force for Metazoans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 13728-31	11.5	26

70	Executioner Caspase-3 and 7 Deficiency Reduces Myocyte Number in the Developing Mouse Heart. <i>PLoS ONE</i> , 2015 , 10, e0131411	3.7	26
69	Arabidopsis DNA polymerase δ recruits components of Polycomb repressor complex to mediate epigenetic gene silencing. <i>Nucleic Acids Research</i> , 2016 , 44, 5597-614	20.1	25
68	Tackling the human adipose tissue proteome to gain insight into obesity and related pathologies. <i>Expert Review of Proteomics</i> , 2009 , 6, 353-61	4.2	24
67	Intracellular expression of Tat alters mitochondrial functions in T cells: a potential mechanism to understand mitochondrial damage during HIV-1 replication. <i>Retrovirology</i> , 2015 , 12, 78	3.6	23
66	Proteomic and metabolomic profiles in atherothrombotic vascular disease. <i>Current Atherosclerosis Reports</i> , 2010 , 12, 202-8	6	23
65	Urinary exosomes reveal protein signatures in hypertensive patients with albuminuria. <i>Oncotarget</i> , 2017 , 8, 44217-44231	3.3	23
64	Phosphatidylcholine-coated iron oxide nanomicelles for in vivo prolonged circulation time with an antibiofouling protein corona. <i>Chemistry - A European Journal</i> , 2014 , 20, 16662-71	4.8	22
63	Uncovering suitable reference proteins for expression studies in human adipose tissue with relevance to obesity. <i>PLoS ONE</i> , 2012 , 7, e30326	3.7	21
62	15-Deoxy-Delta(12,14)-prostaglandin J2 is a tubulin-binding agent that destabilizes microtubules and induces mitotic arrest. <i>Biochemical Pharmacology</i> , 2009 , 78, 1330-9	6	20
61	Differential proteome of bone marrow mesenchymal stem cells from osteoarthritis patients. <i>Osteoarthritis and Cartilage</i> , 2008 , 16, 929-35	6.2	20
60	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	4.9	19
59	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	9.8	19
58	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	4	19
57	Proteomic characterization of human coronary thrombus in patients with ST-segment elevation acute myocardial infarction. <i>Journal of Proteomics</i> , 2014 , 109, 368-81	3.9	18
56	Metabolomic study of plasma of patients with abdominal aortic aneurysm. <i>Analytical and Bioanalytical Chemistry</i> , 2012 , 403, 1651-60	4.4	18
55	Successful aging: insights from proteome analyses of healthy centenarians. <i>Aging</i> , 2020 , 12, 3502-3515	5.6	18
54	ECM deposition is driven by caveolin-1-dependent regulation of exosomal biogenesis and cargo sorting. <i>Journal of Cell Biology</i> , 2020 , 219,	7.3	18
53	Cyclostreptin derivatives specifically target cellular tubulin and further map the paclitaxel site. <i>Biochemistry</i> , 2012 , 51, 329-41	3.2	17

52	An antigen-binding assay to determine the specificity of monoclonal antibodies against influenza virus and mapping of epitopes. <i>Journal of Virological Methods</i> , 1986 , 13, 255-64	2.6	17
51	Kalirin and CHD7: novel endothelial dysfunction indicators in circulating extracellular vesicles from hypertensive patients with albuminuria. <i>Oncotarget</i> , 2017 , 8, 15553-15562	3.3	17
50	Protein variability in <i>Meloidogyne</i> spp. (Nematoda:Meloidogynidae) revealed by two-dimensional gel electrophoresis and mass spectrometry. <i>Journal of Proteome Research</i> , 2002 , 1, 421-7	5.6	16
49	Plasma Molecular Signatures in Hypertensive Patients With Renin-Angiotensin System Suppression: New Predictors of Renal Damage and De Novo Albuminuria Indicators. <i>Hypertension</i> , 2016 , 68, 157-66	8.5	14
48	Conformational studies of a short linear peptide corresponding to a major conserved neutralizing epitope of human respiratory syncytial virus fusion glycoprotein. <i>Biopolymers</i> , 1996 , 39, 537-48	2.2	14
47	Mutant forms of the F protein of human respiratory syncytial (RS) virus induce a cytotoxic T lymphocyte response but not a neutralizing antibody response and only transient resistance to RS virus infection. <i>Journal of General Virology</i> , 1996 , 77 (Pt 6), 1239-48	4.9	14
46	Intracellular calcium mishandling leads to cardiac dysfunction and ventricular arrhythmias in a mouse model of propionic acidemia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165586	6.9	14
45	Exploring analytical proteomics platforms toward the definition of human cardiac stem cells receptome. <i>Proteomics</i> , 2015 , 15, 1332-7	4.8	13
44	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	3.9	12
43	Identification of six cardiovascular risk biomarkers in the young population: A promising tool for early prevention. <i>Atherosclerosis</i> , 2019 , 282, 67-74	3.1	12
42	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	4.9	11
41	Paraoxonase-1 overexpression prevents experimental abdominal aortic aneurysm progression. <i>Clinical Science</i> , 2016 , 130, 1027-38	6.5	11
40	Immune system deregulation in hypertensive patients chronically RAS suppressed developing albuminuria. <i>Scientific Reports</i> , 2017 , 7, 8894	4.9	11
39	Identification of <i>Candida albicans</i> wall mannoproteins covalently linked by disulphide and/or alkali-sensitive bridges. <i>Yeast</i> , 2014 , 31, 137-44	3.4	10
38	A clinical perspective on the utility of alpha 1 antichymotrypsin for the early diagnosis of calcific aortic stenosis. <i>Clinical Proteomics</i> , 2017 , 14, 12	5	10
37	Identification of proteins expressing differences among isolates of <i>Meloidogyne</i> spp. (Nematoda: Meloidogynidae) by nano-liquid chromatography coupled to ion-trap mass spectrometry. <i>Journal of Proteome Research</i> , 2005 , 4, 1017-21	5.6	10
36	Label-free proteomic analysis of red blood cell membrane fractions from abdominal aortic aneurysm patients. <i>Proteomics - Clinical Applications</i> , 2014 , 8, 626-30	3.1	9
35	Proteomic characterization of EPCs and CECs "in vivo" from acute coronary syndrome patients and control subjects. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013 , 1830, 3030-53	4	9

34	A multicentric study to evaluate the use of relative retention times in targeted proteomics. <i>Journal of Proteomics</i> , 2017 , 152, 138-149	3.9	9
33	Severe acute respiratory syndrome coronavirus accessory proteins 6 and 9b interact in vivo. <i>Virus Research</i> , 2012 , 169, 282-8	6.4	9
32	The chaperonin CCT controls T cell receptor-driven 3D configuration of centrioles. <i>Science Advances</i> , 2020 , 6,	14.3	9
31	HEY1 functions are regulated by its phosphorylation at Ser-68. <i>Bioscience Reports</i> , 2016 , 36,	4.1	9
30	Perfil clínic y evoluci3n de la amiloidosis cardiaca en un centro espa3ol de referencia. <i>Revista Espanola De Cardiologia</i> , 2021 , 74, 149-158	1.5	9
29	Potential role of new molecular plasma signatures on cardiovascular risk stratification in asymptomatic individuals. <i>Scientific Reports</i> , 2018 , 8, 4802	4.9	8
28	Chemoproteomic Approach to Explore the Target Profile of GPCR ligands: Application to 5-HT1A and 5-HT6 Receptors. <i>Chemistry - A European Journal</i> , 2016 , 22, 1313-21	4.8	8
27	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	9.4	8
26	Vascular proteomics, a translational approach: from traditional to novel proteomic techniques. <i>Expert Review of Proteomics</i> , 2009 , 6, 461-4	4.2	8
25	A point mutation in the F1 subunit of human respiratory syncytial virus fusion glycoprotein blocks its cell surface transport at an early stage of the exocytic pathway. <i>Journal of General Virology</i> , 1996 , 77 (Pt 4), 649-60	4.9	8
24	Proteomics: New insights into rheumatic diseases. <i>Proteomics - Clinical Applications</i> , 2009 , 3, 226-41	3.1	7
23	Proteomic analysis of annexin A2 phosphorylation induced by microtubule interfering agents and kinesin spindle protein inhibitors. <i>Journal of Proteome Research</i> , 2010 , 9, 4649-60	5.6	6
22	Differential Proteome of Articular Chondrocytes From Patients with Osteoarthritis. <i>Journal of Proteomics and Bioinformatics</i> , 2008 , 01, 267-280	2.1	6
21	The multi-reference contrast method: facilitating set enrichment analysis. <i>Computers in Biology and Medicine</i> , 2012 , 42, 188-94	7	5
20	Improved integrative analysis of the thiol redox proteome using filter-aided sample preparation. <i>Journal of Proteomics</i> , 2020 , 214, 103624	3.9	5
19	Clinical profile and outcome of cardiac amyloidosis in a Spanish referral center. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021 , 74, 149-158	0.7	5
18	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	4.8	3
17	Exercise Benefits in Pulmonary Hypertension. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2906-2907	15.1	2

16	Novel molecular plasma signatures on cardiovascular disease can stratify patients throughout life. <i>Journal of Proteomics</i> , 2020 , 222, 103816	3.9	2
15	Differential protein expression analysis of degenerative aortic stenosis by iTRAQ labeling. <i>Methods in Molecular Biology</i> , 2013 , 1005, 109-17	1.4	2
14	Identification of novel biomarkers of abdominal aortic aneurysms by 2D-DIGE and MALDI-MS from AAA-thrombus-conditioned media. <i>Methods in Molecular Biology</i> , 2013 , 1000, 91-101	1.4	2
13	Urine Haptoglobin and Haptoglobin-Related Protein Predict Response to Spironolactone in Patients With Resistant Hypertension. <i>Hypertension</i> , 2019 , 73, 794-802	8.5	2
12	ECM deposition is driven by caveolin1-dependent regulation of exosomal biogenesis and cargo sorting		2
11	Proteomic and Biological Analysis of an Human Endothelial System in Response to Drug Anaphylaxis. <i>Frontiers in Immunology</i> , 2021 , 12, 692569	8.4	2
10	Cardiovascular Risk Stratification Based on Oxidative Stress for Early Detection of Pathology. <i>Antioxidants and Redox Signaling</i> , 2021 , 35, 602-617	8.4	2
9	Effects of Growth Hormone Treatment and Rehabilitation in Incomplete Chronic Traumatic Spinal Cord Injury: Insight from Proteome Analysis. <i>Journal of Personalized Medicine</i> , 2020 , 10,	3.6	1
8	Secretome of human aortic valves. <i>Methods in Molecular Biology</i> , 2013 , 1005, 237-43	1.4	1
7	Unraveling biomarkers of abdominal aortic aneurysms by iTRAQ analysis of depleted plasma. <i>Methods in Molecular Biology</i> , 2013 , 1000, 157-66	1.4	1
6	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,	7.1	1
5	p38 α and p38 β regulate postnatal cardiac metabolism through glycogen synthase 1. <i>PLoS Biology</i> , 2021 , 19, e3001447	9.7	0
4	Early renal and vascular damage within the normoalbuminuria condition. <i>Journal of Hypertension</i> , 2021 , 39, 2220-2231	1.9	0
3	Characterization and analysis of human arterial tissue secretome by 2-DE and nLC-MS/MS. <i>Methods in Molecular Biology</i> , 2013 , 1000, 81-90	1.4	
2	Comparative proteomic analysis of nuclear and cytoplasmic compartments in human cardiac progenitor cells.. <i>Scientific Reports</i> , 2022 , 12, 146	4.9	
1	Vascular Proteomics 2016 , 105-122		