Fernando De la Cuesta

List of Publications by Year
in descending order

55	1,546	257101 24	315357 38
papers	citations	h-index	g-index

58	58	58	2517
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pharmacological Blockade of NLRP3 Inflammasome/IL-1Î²-Positive Loop Mitigates Endothelial Cell Senescence and Dysfunction. , 2022, 13, 284.		19
2	NLRP3 Inflammasome in Vascular Disease: A Recurrent Villain to Combat Pharmacologically. Antioxidants, 2022, 11, 269.	2.2	6
3	Potential Roles of Extracellular Vesicles as Biomarkers and a Novel Treatment Approach in Multiple Sclerosis. International Journal of Molecular Sciences, 2021, 22, 9011.	1.8	16
4	Transcriptional dynamics of pluripotent stem cell-derived endothelial cell differentiation revealed by single-cell RNA sequencing. European Heart Journal, 2020, 41, 1024-1036.	1.0	43
5	Human Adenovirus Serotype 5 Is Sensitive to IgM-Independent Neutralization In Vitro and In Vivo. Viruses, 2019, 11, 616.	1.5	7
6	Extracellular vesicle cross-talk between pulmonary artery smooth muscle cells and endothelium during excessive TGF-Î² signalling: implications for PAH vascular remodelling. Cell Communication and Signaling, 2019, 17, 143.	2.7	41
7	A comprehensive study of calcific aortic stenosis: from rabbit to human samples. DMM Disease Models and Mechanisms, 2018, 11, .	1.2	6
8	Two-Dimensional Electrophoresis and Identification by Mass Spectrometry. Methods in Molecular Biology, 2017, 1592, 71-78.	0.4	1
9	Immune system deregulation in hypertensive patients chronically RAS suppressed developing albuminuria. Scientific Reports, 2017, 7, 8894.	1.6	13
10	Citric Acid Metabolism in Resistant Hypertension. Hypertension, 2017, 70, 1049-1056.	1.3	36
11	Proteomic Analysis of Blood Extracellular Vesicles in Cardiovascular Disease by LC-MS/MS Analysis. Methods in Molecular Biology, 2017, 1619, 141-149.	0.4	1
12	A clinical perspective on the utility of alpha 1 antichymotrypsin for the early diagnosis of calcific aortic stenosis. Clinical Proteomics, 2017, 14, 12.	1.1	14
13	Kalirin and CHD7: novel endothelial dysfunction indicators in circulating extracellular vesicles from hypertensive patients with albuminuria. Oncotarget, 2017, 8, 15553-15562.	0.8	20
14	Urinary exosomes reveal protein signatures in hypertensive patients with albuminuria. Oncotarget, 2017, 8, 44217-44231.	0.8	33
15	MALDI-Imaging Mass Spectrometry: a step forward in the anatomopathological characterization of stenotic aortic valve tissue. Scientific Reports, 2016, 6, 27106.	1.6	39
16	Hypertensive patients exhibit an altered metabolism. A specific metabolite signature in urine is able to predict albuminuria progression. Translational Research, 2016, 178, 25-37.e7.	2.2	28
17	Patients with calcific aortic stenosis exhibit systemic molecular evidence of ischemia, enhanced coagulation, oxidative stress and impaired cholesterol transport. International Journal of Cardiology, 2016, 225, 99-106.	0.8	34
18	Plasma Molecular Signatures in Hypertensive Patients With Reninâ€“Angiotensin System Suppression. Hypertension, 2016, 68, 157-166.	1.3	18

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19	Urinary alpha-1 antitrypsin and CD59 glycoprotein predict albuminuria development in hypertensive patients under chronic renin-angiotensin system suppression. Cardiovascular Diabetology, 2016, 15, 8.	2.7	24
20	Cytoskeleton deregulation and impairment in amino acids and energy metabolism in early atherosclerosis at aortic tissue with reflection in plasma. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 725-732.	1.8	35
21	iTRAQ proteomic analysis of extracellular matrix remodeling in aortic valve disease. Scientific Reports, 2015, 5, 17290.	1.6	36
22	Kidney tissue proteomics reveals regucalcin downregulation in response to diabetic nephropathy with reflection in urinary exosomes. Translational Research, 2015, 166, 474-484.e4.	2.2	62
23	KLK1 and ZG16B proteins and arginineâ€“proline metabolism identified as novel targets to monitor atherosclerosis, acute coronary syndrome and recovery. Metabolomics, 2015, 11, 1056-1067.	1.4	35
24	Contribution of proteomics to the management of vascular disorders. Translational Proteomics, 2015, 7, 3-14.	1.2	3
25	Molecular anatomy of ascending aorta in atherosclerosis by MS Imaging: Specific lipid and protein patterns reflect pathology. Journal of Proteomics, 2015, 126, 245-251.	1.2	27
26	Prediction of development and maintenance of high albuminuria during chronic reninâ€“angiotensin suppression by plasma proteomics. International Journal of Cardiology, 2015, 196, 170-177.	0.8	18
27	Lipid and protein maps defining arterial layers in atherosclerotic aorta. Data in Brief, 2015, 4, 328-331.	0.5	13
28	Identification of a urine metabolomic signature in patients with advanced-stage chronic kidney disease. Kidney International, 2014, 85, 103-111.	2.6	135
29	Diabetic nephropathy induces changes in the proteome of human urinary exosomes as revealed by label-free comparative analysis. Journal of Proteomics, 2014, 96, 92-102.	1.2	127
30	Proteomic characterization of human coronary thrombus in patients with ST-segment elevation acute myocardial infarction. Journal of Proteomics, 2014, 109, 368-381.	1.2	33
31	Identification of a circulating microvesicle protein network involved in ST-elevation myocardial infarction. Thrombosis and Haemostasis, 2014, 112, 716-726.	1.8	39
32	Deregulation of smooth muscle cell cytoskeleton within the human atherosclerotic coronary media layer. Journal of Proteomics, 2013, 82, 155-165.	1.2	49
33	Secretome of Human Aortic Valves. Methods in Molecular Biology, 2013, 1005, 237-243.	0.4	4
34	Characterization of Membrane and Cytosolic Proteins of Erythrocytes. Methods in Molecular Biology, 2013, 1000, 71-80.	0.4	4
35	Laser Microdissection and Saturation Labeling DIGE Method for the Analysis of Human Arteries. Methods in Molecular Biology, 2013, 1000, 21-32.	0.4	2
36	Characterization and Analysis of Human Arterial Tissue Secretome by 2-DE and nLC-MS/MS. Methods in Molecular Biology, 2013, 1000, 81-90.	0.4	0

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37	Modification of the Secretion Pattern of Proteases, Inflammatory Mediators, and Extracellular Matrix Proteins by Human Aortic Valve is Key in Severe Aortic Stenosis. Molecular and Cellular Proteomics, 2013, 12, 2426-2439.	2.5	23
38	Proteomics Toward Biomarkers Discovery and Risk Assessment. , 2013, , 115-130.		0
39	A role for the membrane proteome in human chronic kidney disease erythrocytes. Translational Research, 2012, 160, 374-383.	2.2	17
40	Secretome analysis of atherosclerotic and non-atherosclerotic arteries reveals dynamic extracellular remodeling during pathogenesis. Journal of Proteomics, 2012, 75, 2960-2971.	1.2	56
41	Metabolomic Profiling for Identification of Novel Potential Biomarkers in Cardiovascular Diseases. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-9.	3.0	81
42	A Proteomic Focus on the Alterations Occurring at the Human Atherosclerotic Coronary Intima. Molecular and Cellular Proteomics, 2011, 10, M110.003517.	2.5	71
43	Valvular Aortic Stenosis: A Proteomic Insight. Clinical Medicine Insights: Cardiology, 2010, 4, CMC.S3884.	0.6	22
44	Development of an Optimal Protocol for the Proteomic Analysis of Stenotic and Healthy Aortic Valves. Revista Espanola De Cardiologia (English Ed), 2010, 63, 46-53.	0.4	5
45	Analysis of the Plasma Proteome Associated with Acute Coronary Syndrome: Does a Permanent Protein Signature Exist in the Plasma of ACS Patients?. Journal of Proteome Research, 2010, 9, 4420-4432.	1.8	52
46	ObtenciÃ³n de un protocolo Ã³ptimo para el anÃ¡lisis proteÃ³mico de vÃ¡lvulas aÃ³rticas humanas sanas y estenÃ³ticas. Revista Espanola De Cardiologia, 2010, 63, 46-53.	0.6	9
47	A novel methodology for the analysis of membrane and cytosolic subâ€proteomes of erythrocytes by 2â€ÐE. Electrophoresis, 2009, 30, 4095-4108.	1.3	18
48	Atorvastatin modifies the protein profile of circulating human monocytes after an acute coronary syndrome. Proteomics, 2009, 9, 1982-1993.	1.3	23
49	An optimum method designed for 2â€Ð DIGE analysis of human arterial intima and media layers isolated by laser microdissection. Proteomics - Clinical Applications, 2009, 3, 1174-1184.	0.8	14
50	Tissue proteomics in atherosclerosis: elucidating the molecular mechanisms of cardiovascular diseases. Expert Review of Proteomics, 2009, 6, 395-409.	1.3	24
51	Pharmacoproteomics in Cardiac Hypertrophy and Atherosclerosis. Cardiovascular & Hematological Disorders Drug Targets, 2009, 9, 141-148.	0.2	4
52	Recent advances in atherosclerosis-based proteomics: new biomarkers and a future perspective. Expert Review of Proteomics, 2008, 5, 679-691.	1.3	34
53	Circulating Human Monocytes in the Acute Coronary Syndrome Express a Characteristic Proteomic Profile. Journal of Proteome Research, 2007, 6, 876-886.	1.8	52
54	Vascular proteomics. Proteomics - Clinical Applications, 2007, 1, 1102-1122.	0.8	14

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55	Cardiovascular Proteomics. Current Proteomics, 2006, 3, 147-170.	0.1	6