

MarÃ-a G Barderas

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

2,108
citations

218381

26
h-index

288905

40
g-index

108
all docs

108
docs citations

108
times ranked

3202
citing authors

#	ARTICLE	IF	CITATIONS
1	Subclinical Liver Disease Is Associated with Subclinical Atherosclerosis in Psoriasis: Results from Two Observational Studies. <i>Journal of Investigative Dermatology</i> , 2022, 142, 88-96.	0.3	5
2	Underperformance of clinical risk scores in identifying imaging-based high cardiovascular risk in psoriasis: results from two observational cohorts. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 591-598.	0.8	9
3	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
4	Prioritization of Candidate Biomarkers for Degenerative Aortic Stenosis through a Systems Biology-Based In-Silico Approach. <i>Journal of Personalized Medicine</i> , 2022, 12, 642.	1.1	0
5	Diabetes Mellitus and Its Implications in Aortic Stenosis Patients. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6212.	1.8	7
6	TCA Cycle and Fatty Acids Oxidation Reflect Early Cardiorenal Damage in Normoalbuminuric Subjects with Controlled Hypertension. <i>Antioxidants</i> , 2021, 10, 1100.	2.2	6
7	Early renal and vascular damage within the normoalbuminuria condition. <i>Journal of Hypertension</i> , 2021, 39, 2220-2231.	0.3	7
8	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
9	Analysis of Global Oxidative Status Using Multimarker Scores Reveals a Specific Association Between Renal Dysfunction and Diuretic Therapy in Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1198-1205.	1.7	4
10	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
11	Plasma CD5L and non-invasive diagnosis of acute heart rejection. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 257-266.	0.3	13
12	Prediction of the early response to spironolactone in resistant hypertension by the combination of matrix metalloproteinase-9 activity and arterial stiffness parameters. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2020, , .	1.4	0
13	Oxidized Low-Density Lipoprotein Associates with Ventricular Stress in Young Adults and Triggers Intracellular Ca ²⁺ Alterations in Adult Ventricular Cardiomyocytes. <i>Antioxidants</i> , 2020, 9, 1213.	2.2	7
14	Patient Management in Aortic Stenosis: Towards Precision Medicine through Protein Analysis, Imaging and Diagnostic Tests. <i>Journal of Clinical Medicine</i> , 2020, 9, 2421.	1.0	2
15	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
16	Urinary metabolic signatures reflect cardiovascular risk in the young, middle-aged, and elderly populations. <i>Journal of Molecular Medicine</i> , 2020, 98, 1603-1613.	1.7	10
17	Differential metabolic profile associated with the condition of normoalbuminuria in the hypertensive population. <i>Nefrologia</i> , 2020, 40, 439-445.	0.2	3
18	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, 183.	1.1	3

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19	Novel molecular plasma signatures on cardiovascular disease can stratify patients throughout life. <i>Journal of Proteomics</i> , 2020, 222, 103816.	1.2	5
20	Perfil metabólico diferenciador asociado a la condición de normoalbuminuria en la población hipertensa. <i>Nefrología</i> , 2020, 40, 440-445.	0.2	2
21	Lifetime cardiovascular risk is associated with a multimarker score of systemic oxidative status in young adults independently of traditional risk factors. <i>Translational Research</i> , 2019, 212, 54-66.	2.2	8
22	Proteomic investigations into hypertension: what's new and how might it affect clinical practice?. <i>Expert Review of Proteomics</i> , 2019, 16, 583-591.	1.3	3
23	Frequency and Prognosis of Treated Hypertensive Patients According to Prior and New Blood Pressure Goals. <i>Hypertension</i> , 2019, 74, 130-136.	1.3	12
24	Association between renal dysfunction and metalloproteinase (MMP)-9 activity in hypertensive patients. <i>Nefrología</i> , 2019, 39, 184-191.	0.2	6
25	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
26	Asociación entre disminución de la función renal y actividad metaloproteínasa-9 en el paciente hipertenso. <i>Nefrología</i> , 2019, 39, 184-191.	0.2	8
27	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
28	Translational science in albuminuria: a new view of de novo albuminuria under chronic RAS suppression. <i>Clinical Science</i> , 2018, 132, 739-758.	1.8	4
29	Potential role of new molecular plasma signatures on cardiovascular risk stratification in asymptomatic individuals. <i>Scientific Reports</i> , 2018, 8, 4802.	1.6	8
30	A comprehensive study of calcific aortic stenosis: from rabbit to human samples. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	1.2	6
31	Two-Dimensional Electrophoresis and Identification by Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2017, 1592, 71-78.	0.4	1
32	Immune system deregulation in hypertensive patients chronically RAS suppressed developing albuminuria. <i>Scientific Reports</i> , 2017, 7, 8894.	1.6	13
33	Citric Acid Metabolism in Resistant Hypertension. <i>Hypertension</i> , 2017, 70, 1049-1056.	1.3	36
34	Recent advances and clinical insights into the use of proteomics in the study of atherosclerosis. <i>Expert Review of Proteomics</i> , 2017, 14, 701-713.	1.3	6
35	Proteomic Analysis of Blood Extracellular Vesicles in Cardiovascular Disease by LC-MS/MS Analysis. <i>Methods in Molecular Biology</i> , 2017, 1619, 141-149.	0.4	1
36	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.	1.1	14

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37	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
38	Progression of Renal Insufficiency in Patients with Essential Hypertension Treated with Renin Angiotensin Aldosterone System Blockers: An Electrocardiographic Correlation. <i>Diseases (Basel)</i> , 2017, 10, 110-116.	1.0	6
39	Rapid, Automated, and Specific Immunoassay to Directly Measure Matrix Metalloproteinase-9 Tissue Inhibitor of Metalloproteinase-1 Interactions in Human Plasma Using AlphaLISA Technology: A New Alternative to Classical ELISA. <i>Frontiers in Immunology</i> , 2017, 8, 853.	2.2	14
40	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
41	Urinary exosomes reveal protein signatures in hypertensive patients with albuminuria. <i>Oncotarget</i> , 2017, 8, 44217-44231.	0.8	33
42	MALDI-Imaging Mass Spectrometry: a step forward in the anatomopathological characterization of stenotic aortic valve tissue. <i>Scientific Reports</i> , 2016, 6, 27106.	1.6	39
43	Hypertensive patients exhibit an altered metabolism. A specific metabolite signature in urine is able to predict albuminuria progression. <i>Translational Research</i> , 2016, 178, 25-37.	2.2	28
44	Role of matrix metalloproteinase-9 in chronic kidney disease: a new biomarker of resistant albuminuria. <i>Clinical Science</i> , 2016, 130, 525-538.	1.8	48
45	Patients with calcific aortic stenosis exhibit systemic molecular evidence of ischemia, enhanced coagulation, oxidative stress and impaired cholesterol transport. <i>International Journal of Cardiology</i> , 2016, 225, 99-106.	0.8	34
46	Plasma Molecular Signatures in Hypertensive Patients With Renin-Angiotensin System Suppression. <i>Hypertension</i> , 2016, 68, 157-166.	1.3	18
47	Urinary alpha-1 antitrypsin and CD59 glycoprotein predict albuminuria development in hypertensive patients under chronic renin-angiotensin system suppression. <i>Cardiovascular Diabetology</i> , 2016, 15, 8.	2.7	24
48	Cytoskeleton deregulation and impairment in amino acids and energy metabolism in early atherosclerosis at aortic tissue with reflection in plasma. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 725-732.	1.8	35
49	iTRAQ proteomic analysis of extracellular matrix remodeling in aortic valve disease. <i>Scientific Reports</i> , 2015, 5, 17290.	1.6	36
50	Kidney tissue proteomics reveals regucalcin downregulation in response to diabetic nephropathy with reflection in urinary exosomes. <i>Translational Research</i> , 2015, 166, 474-484.	2.2	62
51	KLK1 and ZG16B proteins and arginine-proline metabolism identified as novel targets to monitor atherosclerosis, acute coronary syndrome and recovery. <i>Metabolomics</i> , 2015, 11, 1056-1067.	1.4	35
52	ATP synthase subunit alpha and LV mass in ischaemic human hearts. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 442-451.	1.6	15
53	Contribution of proteomics to the management of vascular disorders. <i>Translational Proteomics</i> , 2015, 7, 3-14.	1.2	3
54	Molecular anatomy of ascending aorta in atherosclerosis by MS Imaging: Specific lipid and protein patterns reflect pathology. <i>Journal of Proteomics</i> , 2015, 126, 245-251.	1.2	27

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55	Prediction of development and maintenance of high albuminuria during chronic renin-angiotensin suppression by plasma proteomics. <i>International Journal of Cardiology</i> , 2015, 196, 170-177.	0.8	18
56	Lipid and protein maps defining arterial layers in atherosclerotic aorta. <i>Data in Brief</i> , 2015, 4, 328-331.	0.5	13
57	Heart Mitochondrial Proteome Study Elucidates Changes in Cardiac Energy Metabolism and Antioxidant PRDX3 in Human Dilated Cardiomyopathy. <i>PLoS ONE</i> , 2014, 9, e112971.	1.1	16
58	Application of Metabolomics to Cardiovascular and Renal Disease Biomarker Discovery. <i>Comprehensive Analytical Chemistry</i> , 2014, , 279-308.	0.7	0
59	Plasma metabolomics reveals a potential panel of biomarkers for early diagnosis in acute coronary syndrome. <i>Metabolomics</i> , 2014, 10, 414-424.	1.4	45
60	Identification of a urine metabolomic signature in patients with advanced-stage chronic kidney disease. <i>Kidney International</i> , 2014, 85, 103-111.	2.6	135
61	Proteomic characterization of human coronary thrombus in patients with ST-segment elevation acute myocardial infarction. <i>Journal of Proteomics</i> , 2014, 109, 368-381.	1.2	33
62	The plasma proteomic signature as a strategic tool for early diagnosis of acute coronary syndrome. <i>Proteome Science</i> , 2014, 12, 43.	0.7	5
63	Identification of a circulating microvesicle protein network involved in ST-elevation myocardial infarction. <i>Thrombosis and Haemostasis</i> , 2014, 112, 716-726.	1.8	39
64	Deregulation of smooth muscle cell cytoskeleton within the human atherosclerotic coronary media layer. <i>Journal of Proteomics</i> , 2013, 82, 155-165.	1.2	49
65	Aortic stenosis: a general overview of clinical, pathophysiological and therapeutic aspects. <i>Expert Review of Cardiovascular Therapy</i> , 2013, 11, 239-250.	0.6	17
66	Differential Protein Expression Analysis of Degenerative Aortic Stenosis by iTRAQ Labeling. <i>Methods in Molecular Biology</i> , 2013, 1005, 109-117.	0.4	2
67	Secretome of Human Aortic Valves. <i>Methods in Molecular Biology</i> , 2013, 1005, 237-243.	0.4	4
68	A Comparative Study of Immunodepletion and Equalization Methods for Aortic Stenosis Human Plasma. <i>Methods in Molecular Biology</i> , 2013, 1005, 245-256.	0.4	1
69	Characterization of Membrane and Cytosolic Proteins of Erythrocytes. <i>Methods in Molecular Biology</i> , 2013, 1000, 71-80.	0.4	4
70	Laser Microdissection and Saturation Labeling DIGE Method for the Analysis of Human Arteries. <i>Methods in Molecular Biology</i> , 2013, 1000, 21-32.	0.4	2
71	Vascular Proteomics. <i>Methods in Molecular Biology</i> , 2013, 1000, 1-20.	0.4	11
72	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.	0.4	0

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73	Multiple Reaction Monitoring (MRM) of Plasma Proteins in Cardiovascular Proteomics. <i>Methods in Molecular Biology</i> , 2013, 1000, 191-199.	0.4	6
74	Modification of the Secretion Pattern of Proteases, Inflammatory Mediators, and Extracellular Matrix Proteins by Human Aortic Valve is Key in Severe Aortic Stenosis. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2426-2439.	2.5	23
75	Proteomics Toward Biomarkers Discovery and Risk Assessment. , 2013, , 115-130.		0
76	Potential blood biomarkers for stroke. <i>Expert Review of Proteomics</i> , 2012, 9, 437-449.	1.3	28
77	A role for the membrane proteome in human chronic kidney disease erythrocytes. <i>Translational Research</i> , 2012, 160, 374-383.	2.2	17
78	Proteomic Profile of Human Aortic Stenosis: Insights into the Degenerative Process. <i>Journal of Proteome Research</i> , 2012, 11, 1537-1550.	1.8	57
79	Inside human aortic stenosis: A proteomic analysis of plasma. <i>Journal of Proteomics</i> , 2012, 75, 1639-1653.	1.2	31
80	Secretome analysis of atherosclerotic and non-atherosclerotic arteries reveals dynamic extracellular remodeling during pathogenesis. <i>Journal of Proteomics</i> , 2012, 75, 2960-2971.	1.2	56
81	Aportaciones de la proteómica al laboratorio clínico. <i>Revista Del Laboratorio Clínico</i> , 2011, 4, 214-224.	0.1	0
82	Targeting antigens to an invariant epitope of the MHC Class II DR molecule potentiates the immune response to subunit vaccines. <i>Virus Research</i> , 2011, 155, 55-60.	1.1	18
83	Metabolomic Profiling for Identification of Novel Potential Biomarkers in Cardiovascular Diseases. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-9.	3.0	81
84	A Proteomic Focus on the Alterations Occurring at the Human Atherosclerotic Coronary Intima. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003517.	2.5	71
85	Valvular Aortic Stenosis: A Proteomic Insight. <i>Clinical Medicine Insights: Cardiology</i> , 2010, 4, CMC.S3884.	0.6	22
86	Development of an Optimal Protocol for the Proteomic Analysis of Stenotic and Healthy Aortic Valves. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2010, 63, 46-53.	0.4	5
87	Analysis of the Plasma Proteome Associated with Acute Coronary Syndrome: Does a Permanent Protein Signature Exist in the Plasma of ACS Patients?. <i>Journal of Proteome Research</i> , 2010, 9, 4420-4432.	1.8	52
88	Obtención de un protocolo óptimo para el análisis proteómico de válvulas aórticas humanas sanas y estenóticas. <i>Revista Espanola De Cardiologia</i> , 2010, 63, 46-53.	0.6	9
89	A novel methodology for the analysis of membrane and cytosolic subproteomes of erythrocytes by 2-DE. <i>Electrophoresis</i> , 2009, 30, 4095-4108.	1.3	18
90	Atorvastatin modifies the protein profile of circulating human monocytes after an acute coronary syndrome. <i>Proteomics</i> , 2009, 9, 1982-1993.	1.3	23

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91	An optimum method designed for 2D DIGE analysis of human arterial intima and media layers isolated by laser microdissection. <i>Proteomics - Clinical Applications</i> , 2009, 3, 1174-1184.	0.8	14
92	Tissue proteomics in atherosclerosis: elucidating the molecular mechanisms of cardiovascular diseases. <i>Expert Review of Proteomics</i> , 2009, 6, 395-409.	1.3	24
93	Differential Role of Human Choline Kinase $\hat{1}$ and $\hat{2}$ Enzymes in Lipid Metabolism: Implications in Cancer Onset and Treatment. <i>PLoS ONE</i> , 2009, 4, e7819.	1.1	88
94	Depletion of High-Abundance Proteins in Plasma by Immunoaffinity Subtraction for Two-Dimensional Difference Gel Electrophoresis Analysis. , 2007, 357, 351-364.		44
95	Characterization of Circulating Human Monocytes by Proteomic Analysis. , 2007, 357, 319-328.		8
96	Characterization of the Human Atheroma Plaque Secretome by Proteomic Analysis. , 2007, 357, 141-150.		21
97	Circulating Human Monocytes in the Acute Coronary Syndrome Express a Characteristic Proteomic Profile. <i>Journal of Proteome Research</i> , 2007, 6, 876-886.	1.8	52
98	Vascular proteomics. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1102-1122.	0.8	14
99	Atorvastatin modulates the profile of proteins released by human atherosclerotic plaques. <i>European Journal of Pharmacology</i> , 2007, 562, 119-129.	1.7	48
100	Comparison of the Protein Profile of Established and Regressed Hypertension-Induced Left Ventricular Hypertrophy. <i>Journal of Proteome Research</i> , 2006, 5, 404-413.	1.8	29
101	Proteomic Analysis of Early Left Ventricular Hypertrophy Secondary to Hypertension: Modulation by Antihypertensive Therapies. <i>Journal of the American Society of Nephrology: JASN</i> , 2006, 17, S159-S164.	3.0	24
102	Proteomic approach in the search of new cardiovascular biomarkers. <i>Kidney International</i> , 2005, 68, S103-S107.	2.6	16
103	Quest for Novel Cardiovascular Biomarkers by Proteomic Analysis. <i>Journal of Proteome Research</i> , 2005, 4, 1181-1191.	1.8	80