

Manuel Portoles

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

111
papers

1,637
citations

23
h-index

33
g-index

127
ext. papers

1,976
ext. citations

3.8
avg, IF

3.95
L-index

#	Paper	IF	Citations
111	Electron Microscopy Reveals Evidence of Perinuclear Clustering of Mitochondria in Cardiac Biopsy-Proven Allograft Rejection.. <i>Journal of Personalized Medicine</i> , 2022 , 12,	3.6	1
110	Role of Sodium-Glucose Co-Transporter 2 Inhibitors in the Regulation of Inflammatory Processes in Animal Models. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5634	6.3	1
109	Cardiac Allograft Rejection Induces Changes in Nucleocytoplasmic Transport: RANGAP1 as a Potential Non-Invasive Biomarker. <i>Journal of Personalized Medicine</i> , 2022 , 12, 913	3.6	
108	Alterations in the Nucleocytoplasmic Transport in Heart Transplant Rejection. <i>Transplantation Proceedings</i> , 2021 , 53, 2718-2720	1.1	1
107	Diagnostic value of serum miR-144-3p for the detection of acute cellular rejection in heart transplant patients.. <i>Journal of Heart and Lung Transplantation</i> , 2021 ,	5.8	1
106	Value of SERCA2a as a Biomarker for the Identification of Patients with Heart Failure Requiring Circulatory Support. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
105	Circulating mitochondrial genes detect acute cardiac allograft rejection: Role of the mitochondrial calcium uniporter complex. <i>American Journal of Transplantation</i> , 2021 , 21, 2056-2066	8.7	3
104	Plasma CD5L and non-invasive diagnosis of acute heart rejection. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 257-266	5.8	5
103	XPO1 Gene Therapy Attenuates Cardiac Dysfunction in Rats with Chronic Induced Myocardial Infarction. <i>Journal of Cardiovascular Translational Research</i> , 2020 , 13, 593-600	3.3	0
102	Adipokines and Inflammation: Focus on Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	19
101	Protocol for Isolation of Golgi Vesicles from Human and Animal Hearts by Flotation through a Discontinuous Sucrose Gradient. <i>STAR Protocols</i> , 2020 , 1, 100100	1.4	0
100	Empagliflozin reduces the levels of CD36 and cardiotoxic lipids while improving autophagy in the hearts of Zucker diabetic fatty rats. <i>Biochemical Pharmacology</i> , 2019 , 170, 113677	6	55
99	Circulating Sphingosine-1-Phosphate as A Non-Invasive Biomarker of Heart Transplant Rejection. <i>Scientific Reports</i> , 2019 , 9, 13880	4.9	5
98	The altered expression of autophagy-related genes participates in heart failure: NRBP2 and CALCOCO2 are associated with left ventricular dysfunction parameters in human dilated cardiomyopathy. <i>PLoS ONE</i> , 2019 , 14, e0215818	3.7	8
97	Serelaxin (recombinant human relaxin-2) treatment affects the endogenous synthesis of long chain poly-unsaturated fatty acids and induces substantial alterations of lipidome and metabolome profiles in rat cardiac tissue. <i>Pharmacological Research</i> , 2019 , 144, 51-65	10.2	3
96	Relaxin activates AMPK-AKT signaling and increases glucose uptake by cultured cardiomyocytes. <i>Endocrine</i> , 2018 , 60, 103-111	4	6
95	ASB1 differential methylation in ischaemic cardiomyopathy: relationship with left ventricular performance in end-stage heart failure patients. <i>ESC Heart Failure</i> , 2018 , 5, 732-737	3.7	7

94	Myocardium of patients with dilated cardiomyopathy presents altered expression of genes involved in thyroid hormone biosynthesis. <i>PLoS ONE</i> , 2018 , 13, e0190987	3.7	12
93	Thyroid hormone biosynthesis machinery is altered in the ischemic myocardium: An epigenomic study. <i>International Journal of Cardiology</i> , 2017 , 243, 27-33	3.2	14
92	Intercalated disc in failing hearts from patients with dilated cardiomyopathy: Its role in the depressed left ventricular function. <i>PLoS ONE</i> , 2017 , 12, e0185062	3.7	7
91	SERCA2a: A potential non-invasive biomarker of cardiac allograft rejection. <i>Journal of Heart and Lung Transplantation</i> , 2017 , 36, 1322-1328	5.8	17
90	Changes in human Golgi apparatus reflect new left ventricular dimensions and function in dilated cardiomyopathy patients. <i>European Journal of Heart Failure</i> , 2017 , 19, 280-282	12.3	6
89	Two-pore channels (TPCs): Novel voltage-gated ion channels with pleiotropic functions. <i>Channels</i> , 2017 , 11, 20-33	3	11
88	Relaxin-2 in Cardiometabolic Diseases: Mechanisms of Action and Future Perspectives. <i>Frontiers in Physiology</i> , 2017 , 8, 599	4.6	18
87	Human Ischemic Cardiomyopathy Shows Cardiac Nos1 Translocation and its Increased Levels are Related to Left Ventricular Performance. <i>Scientific Reports</i> , 2016 , 6, 24060	4.9	12
86	24 h nesfatin-1 treatment promotes apoptosis in cardiomyocytes. <i>Endocrine</i> , 2016 , 51, 551-5	4	6
85	New Cell Adhesion Molecules in Human Ischemic Cardiomyopathy. PCDHGA3 Implications in Decreased Stroke Volume and Ventricular Dysfunction. <i>PLoS ONE</i> , 2016 , 11, e0160168	3.7	11
84	New Altered Non-Fibrillar Collagens in Human Dilated Cardiomyopathy: Role in the Remodeling Process. <i>PLoS ONE</i> , 2016 , 11, e0168130	3.7	18
83	Endolysosomal two-pore channels regulate autophagy in cardiomyocytes. <i>Journal of Physiology</i> , 2016 , 594, 3061-77	3.9	46
82	Metabolic alterations derived from absence of Two-Pore Channel 1 at cardiac level. <i>Journal of Biosciences</i> , 2016 , 41, 643-658	2.3	4
81	Protein Inhibitor of NOS1 Plays a Central Role in the Regulation of NOS1 Activity in Human Dilated Hearts. <i>Scientific Reports</i> , 2016 , 6, 30902	4.9	1
80	is down-regulated in both left atria and left ventricle of ischaemic cardiomyopathy patients and highly related to changes in ventricular function. <i>ESC Heart Failure</i> , 2016 , 3, 220-224	3.7	13
79	ATP synthase subunit alpha and LV mass in ischaemic human hearts. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 442-51	5.6	13
78	RNA sequencing analysis identifies new human collagen genes involved in cardiac remodeling. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 1265-1267	15.1	9
77	Gene expression network analysis reveals new transcriptional regulators as novel factors in human ischemic cardiomyopathy. <i>BMC Medical Genomics</i> , 2015 , 8, 14	3.7	16

76	20 years of leptin: Role of leptin in cardiomyocyte physiology and physiopathology. <i>Life Sciences</i> , 2015 , 140, 10-8	6.8	22
75	A simple validated method for predicting the risk of hospitalization for worsening of heart failure in ambulatory patients: the Redin-SCORE. <i>European Journal of Heart Failure</i> , 2015 , 17, 818-27	12.3	33
74	Patients with Dilated Cardiomyopathy and Sustained Monomorphic Ventricular Tachycardia Show Up-Regulation of KCNN3 and KCNJ2 Genes and CACNG8-Linked Left Ventricular Dysfunction. <i>PLoS ONE</i> , 2015 , 10, e0145518	3.7	7
73	The Adipokine Chemerin Induces Apoptosis in Cardiomyocytes. <i>Cellular Physiology and Biochemistry</i> , 2015 , 37, 176-92	3.9	30
72	Incidence of development of obesity after heart transplantation according to the calcineurin inhibitor. <i>Transplantation Proceedings</i> , 2015 , 47, 127-9	1.1	6
71	RNA-sequencing analysis reveals new alterations in cardiomyocyte cytoskeletal genes in patients with heart failure. <i>Laboratory Investigation</i> , 2014 , 94, 645-53	5.9	27
70	Does the calcineurin inhibitor have influence on cytomegalovirus infection in heart transplantation?. <i>Clinical Transplantation</i> , 2014 , 28, 88-95	3.8	9
69	Differential gene expression of C-type natriuretic peptide and its related molecules in dilated and ischemic cardiomyopathy. A new option for the management of heart failure. <i>International Journal of Cardiology</i> , 2014 , 174, e84-6	3.2	5
68	RNA sequencing analysis and atrial natriuretic peptide production in patients with dilated and ischemic cardiomyopathy. <i>PLoS ONE</i> , 2014 , 9, e90157	3.7	17
67	Heart mitochondrial proteome study elucidates changes in cardiac energy metabolism and antioxidant PRDX3 in human dilated cardiomyopathy. <i>PLoS ONE</i> , 2014 , 9, e112971	3.7	14
66	Functional networks of nucleocytoplasmic transport-related genes differentiate ischemic and dilated cardiomyopathies. A new therapeutic opportunity. <i>PLoS ONE</i> , 2014 , 9, e104709	3.7	23
65	Endoplasmic reticulum stress induces different molecular structural alterations in human dilated and ischemic cardiomyopathy. <i>PLoS ONE</i> , 2014 , 9, e107635	3.7	38
64	Heart failure entails significant changes in human nucleocytoplasmic transport gene expression. <i>International Journal of Cardiology</i> , 2013 , 168, 2837-43	3.2	13
63	Nesfatin-1 in human and murine cardiomyocytes: synthesis, secretion, and mobilization of GLUT-4. <i>Endocrinology</i> , 2013 , 154, 4757-67	4.8	53
62	Impact of basal heart rate on long-term prognosis of heart transplant patients. <i>Transplant International</i> , 2013 , 26, 502-7	3	10
61	Subjective symptoms related to GSM radiation from mobile phone base stations: a cross-sectional study. <i>BMJ Open</i> , 2013 , 3, e003836	3	15
60	Circulating biomarkers of collagen metabolism in arterial hypertension: relevance of target organ damage. <i>Journal of Hypertension</i> , 2013 , 31, 1611-7	1.9	16
59	Differential clinical characteristics and prognosis of intraventricular conduction defects in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2013 , 15, 877-84	12.3	21

58	Metabolic syndrome in heart transplantation: impact on survival and renal function. <i>Transplant International</i> , 2013 , 26, 910-8	3	4
57	Differential gene expression of cardiac ion channels in human dilated cardiomyopathy. <i>PLoS ONE</i> , 2013 , 8, e79792	3.7	33
56	Sum of effects of myocardial ischemia followed by electrically induced tachycardia on myocardial function. <i>Medical Science Monitor Basic Research</i> , 2013 , 19, 153-62	3.2	2
55	Inflammation and Apoptosis in Hypertension. Relevance of the Extent of Target Organ Damage. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2012 , 65, 819-825	0.7	1
54	Serum markers of apoptosis in the early period of heart transplantation. <i>Biomarkers</i> , 2012 , 17, 254-60	2.6	7
53	Inflammation and apoptosis in hypertension. Relevance of the extent of target organ damage. <i>Revista Espanola De Cardiologia</i> , 2012 , 65, 819-25	1.5	22
52	Impact of cardiovascular risk factors and inflammatory status on urinary 8-OHdG in essential hypertension. <i>American Journal of Hypertension</i> , 2012 , 25, 236-42	2.3	20
51	Impact of glomerular filtration rate on urinary BNP and NT-proBNP levels in heart failure. <i>Peptides</i> , 2012 , 33, 354-8	3.8	6
50	Expression of B-type natriuretic peptide forms in ischemic human hearts. <i>International Journal of Cardiology</i> , 2012 , 158, 199-204	3.2	5
49	Influence of heart failure on nucleolar organization and protein expression in human hearts. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 418, 222-8	3.4	13
48	Low density lipoprotein receptor-related protein 1 expression correlates with cholesteryl ester accumulation in the myocardium of ischemic cardiomyopathy patients. <i>Journal of Translational Medicine</i> , 2012 , 10, 160	8.5	27
47	Cardiac protein changes in ischaemic and dilated cardiomyopathy: a proteomic study of human left ventricular tissue. <i>Journal of Cellular and Molecular Medicine</i> , 2012 , 16, 2471-86	5.6	22
46	Differences in MEF2 and NFAT transcriptional pathways according to human heart failure aetiology. <i>PLoS ONE</i> , 2012 , 7, e30915	3.7	24
45	Variability of NT-proBNP and its relationship with inflammatory status in patients with stable essential hypertension: a 2-year follow-up study. <i>PLoS ONE</i> , 2012 , 7, e31189	3.7	9
44	Heart failure induces significant changes in nuclear pore complex of human cardiomyocytes. <i>PLoS ONE</i> , 2012 , 7, e48957	3.7	29
43	MMP-2 and sTNF-R1 Variability in Patients with Essential Hypertension: 1-Year Follow-Up Study. <i>ISRN Cardiology</i> , 2012 , 2012, 501894		4
42	Influence of metabolic syndrome on development of cardiac allograft vasculopathy in the transplanted heart. <i>Transplantation</i> , 2012 , 93, 106-11	1.8	18
41	Increased expression of fatty-acid and calcium metabolism genes in failing human heart. <i>PLoS ONE</i> , 2012 , 7, e37505	3.7	41

40	Long-term prognostic implications of metabolic syndrome in heart transplant recipients. <i>Transplantation Proceedings</i> , 2011 , 43, 2257-9	1.1	6
39	Influence of heart failure on nucleocytoplasmic transport in human cardiomyocytes. <i>Cardiovascular Research</i> , 2010 , 85, 464-72	9.9	28
38	Mycophenolate acid vs mycophenolate mofetil therapy. <i>Transplantation Proceedings</i> , 2010 , 42, 3041-3	1.1	0
37	Timing, etiology, and location of first infection in first year after heart transplantation. <i>Transplantation Proceedings</i> , 2010 , 42, 3017-9	1.1	10
36	Proliferation signal inhibitors in heart transplantation: a 5-year experience. <i>Transplantation Proceedings</i> , 2010 , 42, 2992-3	1.1	5
35	The role of the nuclear lamins in the pathogenesis of heart failure in patients undergoing cardiac transplantation. <i>Transplantation Proceedings</i> , 2009 , 41, 2227-30	1.1	4
34	Urinary NT-proBNP. A valuable marker in the assessment of patients with essential hypertension. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2009 , 62, 1322-5	0.7	2
33	NT-proBNP urinario. Su valor en la caracterizaci3n de pacientes con hipertensi3n esencial. <i>Revista Espanola De Cardiologia</i> , 2009 , 62, 1322-1325	1.5	3
32	Inflammatory activation and left ventricular mass in essential hypertension. <i>American Journal of Hypertension</i> , 2009 , 22, 444-50	2.3	30
31	Obese and nonobese patients with essential hypertension show similar N-terminal proBNP plasma levels. <i>American Journal of Hypertension</i> , 2008 , 21, 820-5	2.3	9
30	Urinary B-type natriuretic peptide levels in the diagnosis and prognosis of heart failure. <i>Journal of Cardiac Failure</i> , 2007 , 13, 549-55	3.3	17
29	Variability of NT-proBNP plasma and urine levels in patients with stable heart failure: a 2-year follow-up study. <i>Heart</i> , 2007 , 93, 957-62	5.1	25
28	Ethanol affects calmodulin and the calmodulin-binding proteins neuronal nitric oxide synthase and alpha-spectrin (alpha-fodrin) in the nucleus of growing and differentiated rat astrocytes in primary culture. <i>Toxicology in Vitro</i> , 2007 , 21, 1039-49	3.6	5
27	NT-proBNP en orina y su relaci3n con los par3metros de la funci3n ventricular en la insuficiencia cardiaca. <i>Revista Espanola De Cardiologia</i> , 2007 , 60, 510-516	1.5	3
26	Left ventricular cavity area reflects N-terminal pro-brain natriuretic peptide plasma levels in heart failure. <i>European Journal of Echocardiography</i> , 2006 , 7, 45-52		10
25	Diagnostic and prognostic value of urine NT-proBNP levels in heart failure patients. <i>European Journal of Heart Failure</i> , 2006 , 8, 621-7	12.3	36
24	Valores de 8-hidroxi-2-desoxiguanosina y de peroxidaci3n lip3dica en pacientes con insuficiencia cardiaca. <i>Revista Espanola De Cardiologia</i> , 2006 , 59, 1140-1145	1.5	7
23	Obese subjects with heart failure have lower N-terminal pro-brain natriuretic peptide plasma levels irrespective of aetiology. <i>European Journal of Heart Failure</i> , 2005 , 7, 1168-70	12.3	36

22	Relaci3n de los valores plasm3ticos de big endotelina-1 con NT-proBNP y la funci3n ventricular de pacientes con insuficiencia card3aca. <i>Revista Espanola De Cardiologia</i> , 2005 , 58, 278-284	1.5	5
21	Prenatal ethanol exposure alters the cytoskeleton and induces glycoprotein microheterogeneity in rat newborn hepatocytes. <i>Alcohol and Alcoholism</i> , 2004 , 39, 203-12	3.5	19
20	The Microwave Syndrome: A Preliminary Study in Spain. <i>Electromagnetic Biology and Medicine</i> , 2003 , 22, 161-169	2.2	93
19	Ethanol impairs monosaccharide uptake and glycosylation in cultured rat astrocytes. <i>Journal of Neurochemistry</i> , 2002 , 83, 601-12	6	33
18	Effect of hyperammonemia on brain amino acids in young and adult ferrets. <i>Amino Acids</i> , 1993 , 5, 289-973.5	0	
17	Effect of arginine-free diet on plasma and tissue amino acids in young and adult ferrets. <i>Journal of Nutritional Biochemistry</i> , 1991 , 2, 72-78	6.3	7
16	Effect of caffeine on urea biosynthesis and some related processes, ketone bodies, ATP and liver amino acids. <i>Biochemical Pharmacology</i> , 1989 , 38, 2727-32	6	7
15	Effects of inhibition of ornithine aminotransferase or of general aminotransferases on urea and citrulline synthesis and on the levels of acetylglutamate in isolated rat hepatocytes. <i>Molecular and Cellular Biochemistry</i> , 1988 , 79, 107-12	4.2	3
14	Long-term high-protein diet induces biochemical and ultrastructural changes in rat liver mitochondria. <i>Archives of Biochemistry and Biophysics</i> , 1988 , 265, 241-8	4.1	16
13	In vitro effect of caffeine on some aspects of nitrogen metabolism in isolated rat hepatocytes. <i>Biochimie</i> , 1988 , 70, 1417-21	4.6	2
12	Effect of thyroid hormones on urea biosynthesis and related processes in rat liver. <i>Endocrinology</i> , 1988 , 123, 2167-74	4.8	33
11	Thyroid hormone levels in rats exposed to alcohol during development. <i>Hormone and Metabolic Research</i> , 1988 , 20, 267-70	3.1	28
10	Effect of L-carnitine on ketone bodies, redox state and free amino acids in the liver of hyperammonemic mice. <i>Biochemical Pharmacology</i> , 1987 , 36, 3169-73	6	18
9	Rats fed prolonged high protein diets show an increase in nitrogen metabolism and liver megamitochondria. <i>Archives of Biochemistry and Biophysics</i> , 1987 , 258, 426-35	4.1	31
8	Non-ketotic hyperglycinaemia: prenatal diagnosis and detection of heterozygotes with glycine/serine ratios. <i>Journal of Inherited Metabolic Disease</i> , 1987 , 10, 198-9	5.4	1
7	The high incidence of neonatal hypothyroidism: artificial or real?. <i>European Journal of Pediatrics</i> , 1986 , 145, 158	4.1	
6	Rats that consume caffeine show decreased brain protein synthesis. <i>Neurochemical Research</i> , 1986 , 11, 63-9	4.6	17
5	A new case of arginase deficiency in a Spanish male. <i>Journal of Inherited Metabolic Disease</i> , 1986 , 9, 393-5.4	20	

4	High-performance liquid chromatographic assay of argininosuccinate: its application in argininosuccinic aciduria and in normal man. <i>Journal of Inherited Metabolic Disease</i> , 1986 , 9, 31-8	5.4	7
3	Caffeine-induced changes in the composition of the free amino acid pool of the cerebral cortex. <i>Neurochemical Research</i> , 1985 , 10, 887-95	4.6	16
2	Lesch-Nyhan syndrome, caffeine model: increase of purine and pyrimidine enzymes in rat brain. <i>Journal of Neurochemistry</i> , 1984 , 43, 1556-60	6	30
1	Priority of screening for neonatal hypothyroidism in Spain. <i>European Journal of Pediatrics</i> , 1982 , 138, 359-359	4.1	1