

Mario Chiong

List of Publications by Year in descending order

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154
papers

12,972
citations

66234

42
h-index

24915

109
g-index

170
all docs

170
docs citations

170
times ranked

24039
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	1,430
3	Increased ER-mitochondrial coupling promotes mitochondrial respiration and bioenergetics during early phases of ER stress. <i>Journal of Cell Science</i> , 2011, 124, 2143-2152.	1.2	483
4	Counter-regulatory renin-angiotensin system in cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2020, 17, 116-129.	6.1	371
5	Cardiomyocyte death: mechanisms and translational implications. <i>Cell Death and Disease</i> , 2011, 2, e244-e244.	2.7	368
6	Autophagy in cardiovascular biology. <i>Journal of Clinical Investigation</i> , 2015, 125, 55-64.	3.9	294
7	Molecular Mechanisms of Autophagy in the Cardiovascular System. <i>Circulation Research</i> , 2015, 116, 456-467.	2.0	234
8	Changes in mitochondrial dynamics during ceramide-induced cardiomyocyte early apoptosis. <i>Cardiovascular Research</i> , 2008, 77, 387-397.	1.8	212
9	Insulin Stimulates Mitochondrial Fusion and Function in Cardiomyocytes via the Akt-mTOR-NF- κ B-Opa-1 Signaling Pathway. <i>Diabetes</i> , 2014, 63, 75-88.	0.3	195
10	Autophagy as a therapeutic target in cardiovascular disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 584-593.	0.9	165
11	Endoplasmic reticulum: ER stress regulates mitochondrial bioenergetics. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 16-20.	1.2	162
12	Mitochondrial fission is required for cardiomyocyte hypertrophy via a Ca ²⁺ -calcineurin signalling pathway. <i>Journal of Cell Science</i> , 2014, 127, 2659-71.	1.2	140
13	Testosterone Induces an Intracellular Calcium Increase by a Nongenomic Mechanism in Cultured Rat Cardiac Myocytes. <i>Endocrinology</i> , 2006, 147, 1386-1395.	1.4	130
14	Energy-preserving effects of IGF-1 antagonize starvation-induced cardiac autophagy. <i>Cardiovascular Research</i> , 2012, 93, 320-329.	1.8	124
15	ACE2 and vasoactive peptides: novel players in cardiovascular/renal remodeling and hypertension. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2015, 9, 217-237.	1.0	121
16	Sarcoplasmic reticulum-mitochondria communication in cardiovascular pathophysiology. <i>Nature Reviews Cardiology</i> , 2017, 14, 342-360.	6.1	114
17	Mitochondrial metabolism and the control of vascular smooth muscle cell proliferation. <i>Frontiers in Cell and Developmental Biology</i> , 2014, 2, 72.	1.8	106
18	Cell Death and Survival Through the Endoplasmic Reticulum- Mitochondrial Axis. <i>Current Molecular Medicine</i> , 2013, 13, 317-329.	0.6	104

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19	Glucose deprivation causes oxidative stress and stimulates aggresome formation and autophagy in cultured cardiac myocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 509-518.	1.8	102
20	Drp1 Loss-of-function Reduces Cardiomyocyte Oxygen Dependence Protecting the Heart From Ischemia-reperfusion Injury. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 477-487.	0.8	88
21	Aldose Reductase Induced by Hyperosmotic Stress Mediates Cardiomyocyte Apoptosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 38484-38494.	1.6	86
22	Angiotensin-(1 α) regulates cardiac hypertrophy in vivo and in vitro. <i>Journal of Hypertension</i> , 2010, 28, 1054-1064.	0.3	84
23	Angiotensin-(1 α) reverses experimental hypertension and cardiovascular damage by inhibition of the angiotensin converting enzyme/Ang II axis. <i>Journal of Hypertension</i> , 2014, 32, 771-783.	0.3	83
24	Neuronal Thy-1 induces astrocyte adhesion by engaging syndecan-4 in a cooperative interaction with α 3 integrin that activates PKC ζ and RhoA. <i>Journal of Cell Science</i> , 2009, 122, 3462-3471.	1.2	78
25	VCAM-1 as a predictor biomarker in cardiovascular disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166170.	1.8	78
26	Insulin-like Growth Factor-1 Induces an Inositol 1,4,5-Trisphosphate-dependent Increase in Nuclear and Cytosolic Calcium in Cultured Rat Cardiac Myocytes. <i>Journal of Biological Chemistry</i> , 2004, 279, 7554-7565.	1.6	73
27	Local Control of Nuclear Calcium Signaling in Cardiac Myocytes by Perinuclear Microdomains of Sarcolemmal Insulin-Like Growth Factor 1 Receptors. <i>Circulation Research</i> , 2013, 112, 236-245.	2.0	73
28	Purification and biochemical characterization of tellurite-reducing activities from <i>Thermus thermophilus</i> HB8. <i>Journal of Bacteriology</i> , 1988, 170, 3269-3273.	1.0	69
29	Pleiotropic Effects of Atorvastatin in Heart Failure: Role in Oxidative Stress, Inflammation, Endothelial Function, and Exercise Capacity. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 435-441.	0.3	62
30	Recent insights and therapeutic perspectives of angiotensin-(1 α) in the cardiovascular system. <i>Clinical Science</i> , 2014, 127, 549-557.	1.8	62
31	Autophagy and oxidative stress in non-communicable diseases: A matter of the inflammatory state?. <i>Free Radical Biology and Medicine</i> , 2018, 124, 61-78.	1.3	61
32	FoxO1 mediates TGF-beta1-dependent cardiac myofibroblast differentiation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 128-138.	1.9	58
33	Role of Interleukin-6 in Vascular Health and Disease. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 641734.	1.6	58
34	Rho kinase inhibition activates the homologous angiotensin-converting enzyme-angiotensin-(1 α) axis in experimental hypertension. <i>Journal of Hypertension</i> , 2011, 29, 706-715.	0.3	55
35	Ceramide-induced formation of ROS and ATP depletion trigger necrosis in lymphoid cells. <i>Free Radical Biology and Medicine</i> , 2008, 44, 1146-1160.	1.3	52
36	Mitochondrial Dynamics: a Potential New Therapeutic Target for Heart Failure. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2011, 64, 916-923.	0.4	51

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37	Mitochondrial fragmentation impairs insulin-dependent glucose uptake by modulating Akt activity through mitochondrial Ca ²⁺ uptake. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1-E13.	1.8	49
38	Inhibition of mitochondrial fission prevents hypoxia-induced metabolic shift and cellular proliferation of pulmonary arterial smooth muscle cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2891-2903.	1.8	48
39	Influence of glucose metabolism on vascular smooth muscle cell proliferation. <i>Vasa - European Journal of Vascular Medicine</i> , 2013, 42, 8-16.	0.6	48
40	An Inositol 1,4,5-Triphosphate (IP3)-IP3 Receptor Pathway Is Required for Insulin-Stimulated Glucose Transporter 4 Translocation and Glucose Uptake in Cardiomyocytes. <i>Endocrinology</i> , 2010, 151, 4665-4677.	1.4	47
41	Trimetazidine prevents palmitate-induced mitochondrial fission and dysfunction in cultured cardiomyocytes. <i>Biochemical Pharmacology</i> , 2014, 91, 323-336.	2.0	47
42	Organelle communication: Signaling crossroads between homeostasis and disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 50, 55-59.	1.2	46
43	Glucagon-like peptide-1 inhibits vascular smooth muscle cell dedifferentiation through mitochondrial dynamics regulation. <i>Biochemical Pharmacology</i> , 2016, 104, 52-61.	2.0	44
44	The transcription factor MEF2C mediates cardiomyocyte hypertrophy induced by IGF-1 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 155-160.	1.0	43
45	Iron induces protection and necrosis in cultured cardiomyocytes: Role of reactive oxygen species and nitric oxide. <i>Free Radical Biology and Medicine</i> , 2010, 48, 526-534.	1.3	39
46	Alteration in mitochondrial Ca ²⁺ uptake disrupts insulin signaling in hypertrophic cardiomyocytes. <i>Cell Communication and Signaling</i> , 2014, 12, 68.	2.7	37
47	Autophagy mediates tumor necrosis factor- α -induced phenotype switching in vascular smooth muscle A7r5 cell line. <i>PLoS ONE</i> , 2018, 13, e0197210.	1.1	37
48	Relation between oxidative stress, catecholamines, and impaired chronotropic response to exercise in patients with chronic heart failure secondary to ischemic or idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , 2003, 92, 215-218.	0.7	36
49	Xanthine-oxidase inhibitors and statins in chronic heart failure: Effects on vascular and functional parameters. <i>Journal of Heart and Lung Transplantation</i> , 2011, 30, 408-413.	0.3	35
50	Effects of carvedilol on oxidative stress and chronotropic response to exercise in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2005, 7, 1033-1039.	2.9	34
51	Hyperosmotic stress-dependent NF κ B activation is regulated by reactive oxygen species and IGF-1 in cultured cardiomyocytes. <i>FEBS Letters</i> , 2006, 580, 4495-4500.	1.3	34
52	Membrane Electrical Activity Elicits Inositol 1,4,5-Trisphosphate-dependent Slow Ca ²⁺ Signals through a G β 1 γ 3/Phosphatidylinositol 3-Kinase β Pathway in Skeletal Myotubes. <i>Journal of Biological Chemistry</i> , 2006, 281, 12143-12154.	1.6	34
53	Markedly increased Rho-kinase activity in circulating leukocytes in patients with chronic heart failure. <i>American Heart Journal</i> , 2011, 161, 931-937.	1.2	34
54	Systemic vascular cell adhesion molecule-1 predicts the occurrence of post-operative atrial fibrillation. <i>International Journal of Cardiology</i> , 2011, 150, 270-276.	0.8	34

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55	Simvastatin induces apoptosis by a Rho-dependent mechanism in cultured cardiac fibroblasts and myofibroblasts. <i>Toxicology and Applied Pharmacology</i> , 2011, 255, 57-64.	1.3	34
56	Angiotensin II-Regulated Autophagy Is Required for Vascular Smooth Muscle Cell Hypertrophy. <i>Frontiers in Pharmacology</i> , 2018, 9, 1553.	1.6	34
57	The role of autophagy in cardiovascular pathology. <i>Cardiovascular Research</i> , 2022, 118, 934-950.	1.8	34
58	Systemic Oxidative Stress and Endothelial Dysfunction is Associated With an Attenuated Acute Vascular Response to Inhaled Prostanoid in Pulmonary Artery Hypertension Patients. <i>Journal of Cardiac Failure</i> , 2011, 17, 1012-1017.	0.7	33
59	GLP-1 promotes mitochondrial metabolism in vascular smooth muscle cells by enhancing endoplasmic reticulum-mitochondria coupling. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 410-416.	1.0	33
60	Basal autophagy protects cardiomyocytes from doxorubicin-induced toxicity. <i>Toxicology</i> , 2016, 370, 41-48.	2.0	33
61	Oxidative stress after reperfusion with primary coronary angioplasty: Lack of effect of glucose-insulin-potassium infusion. <i>Critical Care Medicine</i> , 2002, 30, 417-421.	0.4	32
62	IGF-1 protects cardiac myocytes from hyperosmotic stress-induced apoptosis via CREB. <i>Biochemical and Biophysical Research Communications</i> , 2005, 336, 1112-1118.	1.0	32
63	Serum uric acid correlates with extracellular superoxide dismutase activity in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2008, 10, 646-651.	2.9	32
64	Herp depletion protects from protein aggregation by up-regulating autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3295-3305.	1.9	32
65	Resistance of <i>Thermus</i> spp. to Potassium Tellurite. <i>Applied and Environmental Microbiology</i> , 1988, 54, 610-612.	1.4	32
66	Human placental atp-diphosphohydrolase: Biochemical characterization, regulation and function. <i>International Journal of Biochemistry & Cell Biology</i> , 1994, 26, 437-448.	0.8	31
67	BAG3 regulates total MAP1LC3B protein levels through a translational but not transcriptional mechanism. <i>Autophagy</i> , 2016, 12, 287-296.	4.3	31
68	HERPUD1 protects against oxidative stress-induced apoptosis through downregulation of the inositol 1,4,5-trisphosphate receptor. <i>Free Radical Biology and Medicine</i> , 2016, 90, 206-218.	1.3	31
69	Angiotensin-(1-9) reduces cardiovascular and renal inflammation in experimental renin-independent hypertension. <i>Biochemical Pharmacology</i> , 2018, 156, 357-370.	2.0	31
70	Increased ER-mitochondrial coupling promotes mitochondrial respiration and bioenergetics during early phases of ER stress. <i>Journal of Cell Science</i> , 2011, 124, 2511-2511.	1.2	30
71	TonEBP suppresses IL-10-mediated immunomodulation. <i>Scientific Reports</i> , 2016, 6, 25726.	1.6	29
72	Exercise regulates lipid droplet dynamics in normal and fatty liver. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 158519.	1.2	29

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73	Angiotensin-(1 ^α 9) prevents cardiomyocyte hypertrophy by controlling mitochondrial dynamics via miR-129-3p/PK1A pathway. <i>Cell Death and Differentiation</i> , 2020, 27, 2586-2604.	5.0	29
74	Sarcoplasmic reticulum and calcium signaling in muscle cells: Homeostasis and disease. <i>International Review of Cell and Molecular Biology</i> , 2020, 350, 197-264.	1.6	28
75	Phospholipase C/Protein Kinase C Pathway Mediates Angiotensin II-Dependent Apoptosis in Neonatal Rat Cardiac Fibroblasts Expressing AT1 Receptor. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 52, 184-190.	0.8	27
76	Parallel activation of Ca ²⁺ -induced survival and death pathways in cardiomyocytes by sorbitol-induced hyperosmotic stress. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 887-903.	2.2	27
77	Isoproterenol and Angiotensin I-Converting Enzyme in Lung, Left Ventricle, and Plasma During Myocardial Hypertrophy and Fibrosis. <i>Journal of Cardiovascular Pharmacology</i> , 2002, 40, 246-254.	0.8	26
78	Atrial Function Assessed by Speckle Tracking Echocardiography Is a Good Predictor of Postoperative Atrial Fibrillation in Elderly Patients. <i>Echocardiography</i> , 2016, 33, 242-248.	0.3	24
79	Levels of plasma angiotensin-(1-7) in patients with hypertension who have the angiotensin ¹ -converting enzyme deletion/deletion genotype. <i>American Journal of Cardiology</i> , 2003, 92, 749-751.	0.7	23
80	Gln ²⁷ →Glu ²² Adrenergic Receptor Polymorphism in Heart Failure Patients: Differential Clinical and Oxidative Response to Carvedilol. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 374-378.	1.2	22
81	Inhibition of cyclin ⁵ dependent kinase 5 but not of glycogen synthase kinase 3 ^β prevents neurite retraction and tau hyperphosphorylation caused by secretable products of human T ^{cell} leukemia virus type 1 ^{infected} lymphocytes. <i>Journal of Neuroscience Research</i> , 2011, 89, 1489-1498.	1.3	22
82	Transforming growth factor-β and Forkhead box O transcription factors as cardiac fibroblast regulators. <i>BioScience Trends</i> , 2017, 11, 154-162.	1.1	22
83	Simvastatin disrupts cytoskeleton and decreases cardiac fibroblast adhesion, migration and viability. <i>Toxicology</i> , 2012, 294, 42-49.	2.0	21
84	Novel players in cardioprotection: Insulin like growth factor-1, angiotensin-(1 ^α 7) and angiotensin-(1 ^α 9). <i>Pharmacological Research</i> , 2015, 101, 41-55.	3.1	21
85	Optimization of the growth conditions of the extremely thermophilic microorganisms <i>Thermococcus celer</i> and <i>Pyrococcus woesei</i> . <i>Journal of Microbiological Methods</i> , 1999, 38, 169-175.	0.7	20
86	Effects of Trimetazidine in Nonischemic Heart Failure: A Randomized Study. <i>Journal of Cardiac Failure</i> , 2014, 20, 149-154.	0.7	20
87	Comparative subcellular distribution of apyrase from animal and plant sources. Characterization of microsomal apyrase. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1989, 93, 911-919.	0.2	18
88	Matrix metalloproteinase-9 activity is associated to oxidative stress in patients with acute coronary syndrome. <i>International Journal of Cardiology</i> , 2010, 143, 98-100.	0.8	18
89	Endocytic pathway of exogenous iron-loaded ferritin in intestinal epithelial (Caco-2) cells. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 304, G655-G661.	1.6	17
90	Mechanical stretch increases L-type calcium channel stability in cardiomyocytes through a polycystin-1/AKT-dependent mechanism. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 289-296.	1.9	17

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91	AT2 Receptor Mediated Activation of the Tyrosine Phosphatase PTP1B Blocks Caveolin-1 Enhanced Migration, Invasion and Metastasis of Cancer Cells. <i>Cancers</i> , 2019, 11, 1299.	1.7	17
92	Herpud1 negatively regulates pathological cardiac hypertrophy by inducing IP3 receptor degradation. <i>Scientific Reports</i> , 2017, 7, 13402.	1.6	16
93	Hyperosmotic stress activates p65/RelB NF κ B in cultured cardiomyocytes with dichotomic actions on caspase activation and cell death. <i>FEBS Letters</i> , 2006, 580, 3469-3476.	1.3	15
94	Reactive oxygen species inhibit hyposmotic stress-dependent volume regulation in cultured rat cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2006, 350, 1076-1081.	1.0	15
95	Differential Participation of Angiotensin II Type 1 and 2 Receptors in the Regulation of Cardiac Cell Death Triggered by Angiotensin II. <i>American Journal of Hypertension</i> , 2009, 22, 569-576.	1.0	15
96	β -Hydroxybutyrate Increases Exercise Capacity Associated with Changes in Mitochondrial Function in Skeletal Muscle. <i>Nutrients</i> , 2020, 12, 1930.	1.7	14
97	Role of Heterotrimeric G Protein and Calcium in Cardiomyocyte Hypertrophy Induced by IGF-1. <i>Journal of Cellular Biochemistry</i> , 2014, 115, 712-720.	1.2	13
98	Acute effect of iloprost inhalation on right atrial function and ventricular dyssynchrony in patients with pulmonary artery hypertension. <i>Echocardiography</i> , 2017, 34, 53-60.	0.3	13
99	Herpud1 impacts insulin-dependent glucose uptake in skeletal muscle cells by controlling the Ca ²⁺ -calcineurin-Akt axis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1653-1662.	1.8	13
100	Effects of Carvedilol Upon Intra- and Interventricular Synchrony in Patients With Chronic Heart Failure. <i>American Journal of Cardiology</i> , 2005, 96, 267-269.	0.7	11
101	Osmotically-induced genes are controlled by the transcription factor TonEBP in cultured cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 326-330.	1.0	11
102	Ácido Árico: una molécula con acciones paradójicas en la insuficiencia cardiaca. <i>Revista Medica De Chile</i> , 2011, 139, 505-515.	0.1	11
103	Octadecyl silica: A solid phase for protein purification by immunoabsorption. <i>Analytical Biochemistry</i> , 1991, 197, 47-51.	1.1	10
104	Vasodilator and hypotensive effects of pure compounds and hydroalcoholic extract of <i>Xenophyllum poposum</i> (Phil) V.A Funk (Compositae) on rats. <i>Phytomedicine</i> , 2018, 50, 99-108.	2.3	10
105	Regulatory volume decrease in cardiomyocytes is modulated by calcium influx and reactive oxygen species. <i>FEBS Letters</i> , 2009, 583, 3485-3492.	1.3	9
106	Increased active phase atrial contraction is related to marathon runner performance. <i>European Journal of Applied Physiology</i> , 2018, 118, 1931-1939.	1.2	9
107	Angiotensin-(1-9) prevents vascular remodeling by decreasing vascular smooth muscle cell dedifferentiation through a FoxO1-dependent mechanism. <i>Biochemical Pharmacology</i> , 2020, 180, 114190.	2.0	9
108	Mitochondrial ubiquitin ligase 1 (MUL1) as a novel therapeutic target for diseases associated with mitochondrial dysfunction. <i>IUBMB Life</i> , 2022, 74, 850-865.	1.5	9

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109	Direct electrochemical characterization of hyperthermophilic <i>Thermococcus celer</i> metalloenzymes involved in hydrogen production from pyruvate. <i>Journal of Biological Inorganic Chemistry</i> , 2001, 6, 227-231.	1.1	8
110	Angiotensin-(1-7) Prevents Lipopolysaccharide-Induced Autophagy via the Mas Receptor in Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9344.	1.8	8
111	Light-induced release of the cardioprotective peptide angiotensin-(1-9) from thermosensitive liposomes with gold nanoclusters. <i>Journal of Controlled Release</i> , 2020, 328, 859-872.	4.8	8
112	Pro-fibrotic effect of oxidized LDL in cardiac myofibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 696-701.	1.0	8
113	Kinetic Characteristics of Nucleoside Mono-, Di- and Triphosphatase Activities of the Periplasmic 5'-Nucleotidase of <i>Escherichia coli</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1997, 117, 135-142.	0.7	7
114	Purification and Characterization of Ferredoxin from the Hyperthermophilic <i>Pyrococcus woesei</i> . <i>Anaerobe</i> , 2000, 6, 285-290.	1.0	7
115	Oxidative stress in pericardial fluid and plasma and its association with ventricular function. <i>International Journal of Cardiology</i> , 2005, 101, 197-201.	0.8	7
116	(TTA) _n Polymorphism in 3-Hydroxy-3-Methylglutaryl-Coenzyme A and Response to Atorvastatin in Coronary Artery Disease Patients. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 211-215.	1.2	7
117	Increased C-reactive protein plasma levels are not involved in the onset of post-operative atrial fibrillation. <i>Journal of Cardiology</i> , 2017, 70, 578-583.	0.8	7
118	The STIM1 inhibitor ML9 disrupts basal autophagy in cardiomyocytes by decreasing lysosome content. <i>Toxicology in Vitro</i> , 2018, 48, 121-127.	1.1	7
119	Potential adverse cardiac remodelling in highly trained athletes: still unknown clinical significance. <i>European Journal of Sport Science</i> , 2018, 18, 1288-1297.	1.4	7
120	Purification and characterization of an iron-nickel hydrogenase from <i>Thermococcus celer</i> . <i>Journal of Biological Inorganic Chemistry</i> , 2001, 6, 517-522.	1.1	6
121	Insulin/NF- κ B protects against ischemia-induced necrotic cardiomyocyte death. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 451-457.	1.0	6
122	Polyphenolic Composition and Hypotensive Effects of <i>Parastrephia quadrangularis</i> (Meyen) Cabrera in Rat. <i>Antioxidants</i> , 2019, 8, 591.	2.2	6
123	Polycystin-1 regulates cardiomyocyte mitophagy. <i>FASEB Journal</i> , 2021, 35, e21796.	0.2	6
124	Novel Insights Into the Pathogenesis of Diabetic Cardiomyopathy and Pharmacological Strategies. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 707336.	1.1	6
125	Modulatory Effect of 2-(4-Hydroxyphenyl)amino-1,4-naphthoquinone on Endothelial Vasodilation in Rat Aorta. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	5
126	Moderate Aerobic Exercise Training Prevents the Augmented Hepatic Glucocorticoid Response Induced by High-Fat Diet in Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7582.	1.8	5

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127	Omeprazole, a Specific Gastric Secretion Inhibitor on Oxynticopeptic Cells, Reduces Gizzard Erosion in Broiler Chicks Fed with Toxic Fish Meals. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1997, 117, 267-273.	0.5	4
128	Relationship between mechanical and metabolic dyssynchrony with left bundle branch block: Evaluation by 18-fluorodeoxyglucose positron emission tomography in patients with non-ischemic heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2012, 31, 1096-1101.	0.3	4
129	Regulation of total LC3 levels by angiotensin II in vascular smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , 2022, , .	1.6	4
130	Uric acid, xanthine oxidase and heart failure: Unresolved issues. <i>European Journal of Heart Failure</i> , 2008, 10, 1271-1272.	2.9	3
131	Menores niveles tisulares de la enzima convertidora de angiotensina I homologa (ECA-2) y angiotensina-(1-9) estn asociados a mayor remodelamiento de la pared artica de ratas hipertensas. <i>Revista Chilena De Cardiologa</i> , 2010, 29, .	0.0	3
132	Preoperative soluble VCAM-1 contributes to predict late mortality after coronary artery surgery. <i>Clinical Cardiology</i> , 2020, 43, 1301-1307.	0.7	3
133	Soluble Interleukin-6 Receptor Regulates Interleukin-6-Dependent Vascular Remodeling in Long-Distance Runners. <i>Frontiers in Physiology</i> , 2021, 12, 722528.	1.3	3
134	Antibodies against Fungal Conidia and Antibiotics Inhibit Phenylalanine Ammonia-Lyase Activation in Citrus. <i>Journal of Plant Physiology</i> , 1993, 141, 393-397.	1.6	2
135	Determinaciones de niveles de creatina y lpidos mediante espectroscopia por resonancia magntica en miocardio de pacientes con insuficiencia cardiaca no isqumica. <i>Revista Medica De Chile</i> , 2010, 138, 1475-1479.	0.1	2
136	Dissociating angiotensin 1-9 antcardiovascular remodeling effects from those on blood pressure. <i>Journal of Hypertension</i> , 2014, 32, 1719-1721.	0.3	2
137	Early left atrial dysfunction is associated with suboptimal cardiovascular health. <i>Echocardiography</i> , 2020, 37, 47-54.	0.3	2
138	Impact of the Potential Antitumor Agent 2-(4-Hydroxyphenyl) Amino-1,4-Naphthoquinone (Q7) on Vasomotion Is Mediated by the Vascular Endothelium, But Not Vascular Smooth Muscle Cell Metabolism. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 77, 245-252.	0.8	2
139	Polycystin-1 is required for insulin-like growth factor 1-induced cardiomyocyte hypertrophy. <i>PLoS ONE</i> , 2021, 16, e0255452.	1.1	2
140	Citrus limon seedlings without functional chloroplasts are unable to induce phenylalanine ammonia-lyase in response to inoculation with <i>Alternaria alternata</i> . <i>Journal of Plant Physiology</i> , 1997, 150, 645-651.	1.6	1
141	Mayores niveles de ECA y Angiotensina II determinados genticamente, se asocian a menor actividad del eje ECA2/angiotensina-(1-9) y mayor remodelamiento de la pared artica de ratas hipertensas. <i>Revista Chilena De Cardiologa</i> , 2012, 31, 118-128.	0.0	1
142	Dilucidando el mecanismo de accin de los fibratos. <i>Revista Chilena De Cardiologa</i> , 2016, 35, 144-146.	0.0	1
143	Antihipertensivos en pacientes con COVID-19. <i>Revista Chilena De Cardiologa</i> , 2020, 39, 66-74.	0.0	1
144	Circulating Vascular Cell Adhesion Molecule-1 (sVCAM-1) Is Associated With Left Atrial Remodeling in Long-Distance Runners. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 737285.	1.1	1

#	ARTICLE	IF	CITATIONS
145	La sobreexpresión del gen de enzima convertidora de angiotensina homóloga (ECA2) revierte la hipertensión arterial y el remodelado cardíaco experimental. Revista Chilena De Cardiología, 2010, 29, 334-341.	0.0	0
146	1028 ANGIOTENSIN-(1-9) REDUCES HYPERTENSION AND VASCULAR DAMAGE THROUGH THE AT2 RECEPTOR AND BY INCREASING NITRIC OXIDE. Journal of Hypertension, 2012, 30, e299-e300.	0.3	0
147	Angiotensina-(1-9) disminuye el remodelamiento cardiovascular hipertensivo independiente de los niveles de ECA y de angiotensina II. Revista Chilena De Cardiología, 2012, 31, 202-214.	0.0	0
148	El efecto anti-hipertensivo de Angiotensina-(1-9) es mediado por aumento temprano de la diuresis y natriuresis. Revista Chilena De Cardiología, 2015, 34, 120-129.	0.0	0
149	Entrenamiento físico de alta intensidad en maratonistas produce mayor remodelado cardíaco y reduce respuesta de estrés oxidativo. Revista Chilena De Cardiología, 2018, 37, 93-103.	0.0	0
150	Biomarcadores de fibrosis y función ventricular derecha en maratonistas con distinto grado de entrenamiento: estudio en la Maratón de Santiago. Revista Chilena De Cardiología, 2019, 38, 37-45.	0.0	0
151	Left Cardiac Remodelling Assessed by Echocardiography Is Associated with Rho-Kinase Activation in Long-Distance Runners. Journal of Cardiovascular Development and Disease, 2021, 8, 118.	0.8	0
152	Vascular Cell Adhesion Molecule (VCAM-1) predicts Atrial Fibrillation after On-Pump Heart Surgery. FASEB Journal, 2009, 23, LB348.	0.2	0
153	El tratamiento con atorvastatina reduce la actividad de xantina-oxidasa unida al endotelio en pacientes con insuficiencia cardíaca crónica: ¿Un posible nuevo efecto pleiotrópico?. Revista Chilena De Cardiología, 2009, 28, .	0.0	0
154	Niveles aumentados de estrés oxidativo se asocian a disfunción endotelial periférica y respuesta vascular pulmonar disminuida frente a vasodilatadores en pacientes con hipertensión pulmonar. Revista Chilena De Cardiología, 2010, 29, 291-298.	0.0	0