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List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

4,283
citations

186265
28
h-index

214800
47
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50
all docs

50
docs citations

50
times ranked

5863
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	50,742
2	A polymorphism within a conserved beta1-adrenergic receptor motif alters cardiac function and beta-blocker response in human heart failure. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 11288-11293.	7.1	435
3	Î²1-adrenergic receptor polymorphisms confer differential function and predisposition to heart failure. Nature Medicine, 2003, 9, 1300-1305.	30.7	328
4	Length-independent telomere damage drives postmitotic cardiomyocyte senescence. EMBO Journal, 2019, 38, .	7.8	307
5	Monoamine oxidases as sources of oxidants in the heart. Journal of Molecular and Cellular Cardiology, 2014, 73, 34-42.	1.9	197
6	Autophagy in health and disease: focus on the cardiovascular system. Essays in Biochemistry, 2017, 61, 721-732.	4.7	123
7	p53-PGC-1Î± Pathway Mediates Oxidative Mitochondrial Damage and Cardiomyocyte Necrosis Induced by Monoamine Oxidase-A Upregulation: Role in Chronic Left Ventricular Dysfunction in Mice. Antioxidants and Redox Signaling, 2013, 18, 5-18.	5.4	117
8	Multifunctional Mitochondrial Epac1 Controls Myocardial Cell Death. Circulation Research, 2017, 120, 645-657.	4.5	81
9	Clearance of senescent cells during cardiac ischemia-reperfusion injury improves recovery. Aging Cell, 2020, 19, e13249.	6.7	79
10	Monoamine oxidase-A is a novel driver of stress-induced premature senescence through inhibition of parkin-mediated mitophagy. Aging Cell, 2018, 17, e12811.	6.7	78
11	Platelet derived serotonin drives the activation of rat cardiac fibroblasts by 5-HT2A receptors. Journal of Molecular and Cellular Cardiology, 2009, 46, 518-525.	1.9	76
12	Oxidative Stress by Monoamine Oxidase-A Impairs Transcription Factor EB Activation and Autophagosome Clearance, Leading to Cardiomyocyte Necrosis and Heart Failure. Antioxidants and Redox Signaling, 2016, 25, 10-27.	5.4	76
13	Monoamine Oxidases, Oxidative Stress, and Altered Mitochondrial Dynamics in Cardiac Ageing. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-8.	4.0	76
14	Tight-Binding Inhibition of Human Monoamine Oxidase B by Chromone Analogs: A Kinetic, Crystallographic, and Biological Analysis. Journal of Medicinal Chemistry, 2018, 61, 4203-4212.	6.4	58
15	Polymorphisms of cardiac presynaptic Î²C adrenergic receptors: Diverse intragenic variability with haplotype-specific functional effects. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 13020-13025.	7.1	51
16	Mitochondrial 4-HNE derived from MAO-A promotes mitoCa2+ overload in chronic postischemic cardiac remodeling. Cell Death and Differentiation, 2020, 27, 1907-1923.	11.2	51
17	Monoamine oxidases in age-associated diseases: New perspectives for old enzymes. Ageing Research Reviews, 2021, 66, 101256.	10.9	44
18	A Primate-dominant Third Glycosylation Site of the Î²2-Adrenergic Receptor Routes Receptors to Degradation during Agonist Regulation. Journal of Biological Chemistry, 2004, 279, 38603-38607.	3.4	42

#	ARTICLE	IF	CITATIONS
19	Genetic deletion of MAO-A promotes serotonin-dependent ventricular hypertrophy by pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2009, 46, 587-595.	1.9	41
20	Essential role of TRPC1 channels in cardiomyoblasts hypertrophy mediated by 5-HT _{2A} serotonin receptors. <i>Biochemical and Biophysical Research Communications</i> , 2010, 391, 979-983.	2.1	39
21	Gadd45 ³ regulates cardiomyocyte death and post-myocardial infarction left ventricular remodelling. <i>Cardiovascular Research</i> , 2015, 108, 254-267.	3.8	39
22	Oleuropein Aglycone Protects against MAO-A-Induced Autophagy Impairment and Cardiomyocyte Death through Activation of TFEB. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	4.0	35
23	Myocardial β ₁ -adrenergic receptor polymorphisms affect functional recovery after ischemic injury. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006, 290, H1427-H1432.	3.2	34
24	New insights on receptor-dependent and monoamine oxidase-dependent effects of serotonin in the heart. <i>Journal of Neural Transmission</i> , 2007, 114, 823-827.	2.8	33
25	Monoamine oxidase-A, serotonin and norepinephrine: synergistic players in cardiac physiology and pathology. <i>Journal of Neural Transmission</i> , 2018, 125, 1627-1634.	2.8	32
26	Role of serotonin 5-HT _{2A} receptors in the development of cardiac hypertrophy in response to aortic constriction in mice. <i>Journal of Neural Transmission</i> , 2013, 120, 927-935.	2.8	31
27	Aging induces cardiac mesenchymal stromal cell senescence and promotes endothelial cell fate of the CD90 ⁺ subset. <i>Aging Cell</i> , 2019, 18, e13015.	6.7	31
28	Anesthetic regimen for cardiac function evaluation by echocardiography in mice: comparison between ketamine, etomidate and isoflurane versus conscious state. <i>Laboratory Animals</i> , 2013, 47, 284-290.	1.0	29
29	Platelet activation and arterial peripheral serotonin turnover in cardiac remodeling associated to aortic stenosis. <i>American Journal of Hematology</i> , 2015, 90, 15-19.	4.1	26
30	Major depression and heart failure: Interest of monoamine oxidase inhibitors. <i>International Journal of Cardiology</i> , 2017, 247, 1-6.	1.7	26
31	Identification of a pharmacological inhibitor of Epac1 that protects the heart against acute and chronic models of cardiac stress. <i>Cardiovascular Research</i> , 2019, 115, 1766-1777.	3.8	25
32	Differential functional effects of two 5-HT receptor isoforms in adult cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2005, 39, 335-344.	1.9	24
33	Dose-dependent activation of distinct hypertrophic pathways by serotonin in cardiac cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H821-H828.	3.2	24
34	Genetic Variation of Human Adrenergic Receptors: From Molecular and Functional Properties to Clinical and Pharmacogenetic Implications. <i>Current Topics in Medicinal Chemistry</i> , 2007, 7, 217-231.	2.1	21
35	Serotonin 5-HT _{2A} receptor-mediated hypertrophy is negatively regulated by caveolin-3 in cardiomyoblasts and neonatal cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2012, 52, 502-510.	1.9	21
36	Body fat reduction without cardiovascular changes in mice after oral treatment with the MAO inhibitor phenelzine. <i>British Journal of Pharmacology</i> , 2018, 175, 2428-2440.	5.4	18

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37	Genetic Variation Within the Î²1-Adrenergic Receptor Gene Results in Haplotype-Specific Expression Phenotypes. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 51, 106-110.	1.9	17
38	Kidney inflammaging is promoted by CCR2+ macrophages and tissue-derived micro-environmental factors. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3485-3501.	5.4	13
39	Rational Redesign of Monoamine Oxidase A into a Dehydrogenase to Probe ROS in Cardiac Aging. <i>ACS Chemical Biology</i> , 2020, 15, 1795-1800.	3.4	12
40	Cyclic AMP-binding protein Epac1 acts as a metabolic sensor to promote cardiomyocyte lipotoxicity. <i>Cell Death and Disease</i> , 2021, 12, 824.	6.3	12
41	Cardiac monoamine oxidases: at the heart of mitochondrial dysfunction. <i>Cell Death and Disease</i> , 2020, 11, 54.	6.3	10
42	First Evidence of Increased Plasma Serotonin Levels in Tako-Tsubo Cardiomyopathy. <i>BioMed Research International</i> , 2013, 2013, 1-5.	1.9	9
43	Role of EPAC1 Signalosomes in Cell Fate: Friends or Foes?. <i>Cells</i> , 2020, 9, 1954.	4.1	7
44	Cellular Senescence in Renal and Urinary Tract Disorders. <i>Cells</i> , 2020, 9, 2420.	4.1	7
45	Selective Cardiomyocyte Oxidative Stress Leads to Bystander Senescence of Cardiac Stromal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2245.	4.1	7
46	High intake of dietary tyramine does not deteriorate glucose handling and does not cause adverse cardiovascular effects in mice. <i>Journal of Physiology and Biochemistry</i> , 2016, 72, 539-553.	3.0	6
47	La «dissection» moléculaire du remodelage cardiaque: perspectives thérapeutiques. <i>Archives Des Maladies Du Coeur Et Des Vaisseaux - Pratique</i> , 2017, 2017, 18-21.	0.0	0