Sang-Bing Ong

List of Publications by Year
in descending order

36 papers	5,004 citations	279798 23 h-index	361022 35 g-index
43 all docs	43 docs citations	43 times ranked	7274 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 Td	9.1	1,430
2	Inhibiting Mitochondrial Fission Protects the Heart Against Ischemia/Reperfusion Injury. Circulation, 2010, 121, 2012-2022.	1.6	845
3	Inflammation following acute myocardial infarction: Multiple players, dynamic roles, and novel therapeutic opportunities. , 2018, 186, 73-87.		533
4	The mitochondrial permeability transition pore and its role in myocardial ischemia reperfusion injury. Journal of Molecular and Cellular Cardiology, 2015, 78, 23-34.	1.9	263
5	Mitochondrial morphology and cardiovascular disease. Cardiovascular Research, 2010, 88, 16-29.	3.8	254
6	The mitochondrial permeability transition pore as a target for preconditioning and postconditioning. Basic Research in Cardiology, 2009, 104, 189-202.	5.9	230
7	Mitochondrial Dynamics in Cardiovascular Health and Disease. Antioxidants and Redox Signaling, 2013, 19, 400-414.	5.4	164
8	New roles for mitochondria in cell death in the reperfused myocardium. Cardiovascular Research, 2012, 94, 190-196.	3.8	121
9	Mitochondrial fusion and fission proteins as novel therapeutic targets for treating cardiovascular disease. European Journal of Pharmacology, 2015, 763, 104-114.	3.5	114
10	Loss of PINK1 Increases the Heart's Vulnerability to Ischemia-Reperfusion Injury. PLoS ONE, 2013, 8, e62400.	2.5	99
11	Hypoxia signaling controls postnatal changes in cardiac mitochondrial morphology and function. Journal of Molecular and Cellular Cardiology, 2014, 74, 340-352.	1.9	82
12	Non-coding RNAs as therapeutic targets for preventing myocardial ischemia-reperfusion injury. Expert Opinion on Therapeutic Targets, 2018, 22, 247-261.	3.4	80
13	Akt protects the heart against ischaemia-reperfusion injury by modulating mitochondrial morphology. Thrombosis and Haemostasis, 2015, 113, 513-521.	3.4	76
14	Mitochondrial-Shaping Proteins in Cardiac Health and Disease â€“ the Long and the Short of It!. Cardiovascular Drugs and Therapy, 2017, 31, 87-107.	2.6	75
15	DJ-1 protects against cell death following acute cardiac ischemiaâ€“reperfusion injury. Cell Death and Disease, 2014, 5, e1082-e1082.	6.3	63
16	Role of the <scp>MPTP</scp> in conditioning the heart â€“ translatability and mechanism. British Journal of Pharmacology, 2015, 172, 2074-2084.	5.4	61
17	Targeting Mitochondrial Fission Using Mdivi-1 in A Clinically Relevant Large Animal Model of Acute Myocardial Infarction: A Pilot Study. International Journal of Molecular Sciences, 2019, 20, 3972.	4.1	50
18	The Role of Redox Dysregulation in the Inflammatory Response to Acute Myocardial Ischaemia-reperfusion Injury - Adding Fuel to the Fire. Current Medicinal Chemistry, 2018, 25, 1275-1293.	2.4	50

#	Article	IF	Citations
19	Parkinson's disease proteins: Novel mitochondrial targets for cardioprotection. , 2015, 156, 34-43.		48
20	Detection of viral RNA fragments in human iPSC cardiomyocytes following treatment with extracellular vesicles from SARS-CoV-2 coding sequence overexpressing lung epithelial cells. Stem Cell Research and Therapy, 2020, 11, 514.	5.5	47
21	From basic mechanisms to clinical applications in heart protection, new players in cardiovascular diseases and cardiac theranostics: meeting report from the third international symposium on â€œNew frontiers in cardiovascular researchâ€• Basic Research in Cardiology, 2016, 111, 69.	5.9	41
22	Mitochondrial Dynamics as a Therapeutic Target for Treating Cardiac Diseases. Handbook of Experimental Pharmacology, 2016, 240, 251-279.	1.8	36
23	Calpain Inhibition Restores Autophagy and Prevents Mitochondrial Fragmentation in a Human iPSC Model of Diabetic Endotheliopathy. Stem Cell Reports, 2019, 12, 597-610.	4.8	36
24	Accumulation of Mitochondrial DNA Mutations Disrupts Cardiac Progenitor Cell Function and Reduces Survival. Journal of Biological Chemistry, 2015, 290, 22061-22075.	3.4	24
25	Unique morphological characteristics of mitochondrial subtypes in the heart: the effect of ischemia and ischemic preconditioning. Discoveries, 2017, 5, e71.	2.3	21
26	Single-Cell Transcriptome Analysis Decipher New Potential Regulation Mechanism of ACE2 and NPs Signaling Among Heart Failure Patients Infected With SARS-CoV-2. Frontiers in Cardiovascular Medicine, 2021, 8, 628885.	2.4	16
27	Circulating miRâ€19bâ€3p as a Novel Prognostic Biomarker for Acute Heart Failure. Journal of the American Heart Association, 2021, 10, e022304.	3.7	16
28	Nanoparticle delivery of mitoprotective agents to target ischemic heart disease. Future Cardiology, 2017, 13, 195-198.	1.2	12
29	Assessing the effects of mitofusin 2 deficiency in the adult heart using 3D electron tomography. Physiological Reports, 2017, 5, e13437.	1.7	11
30	Efficacy of early initiation of ivabradine treatment in patients with acute heart failure: rationale and design of SHIFTâ€AHF trial. ESC Heart Failure, 2020, 7, 4465-4471.	3.1	9
31	Stimulation of regulatory volume increase (RVI) in avian articular chondrocytes by gadolinium chloride. Biochemistry and Cell Biology, 2010, 88, 505-512.	2.0	6
32	Advances in Medical Diagnostic Technology. Lecture Notes in Bioengineering, 2014, , .	0.4	4
33	Distinct intra-mitochondrial localizations of pro-survival kinases and regulation of their functions by DUSP5 and PHLPP-1. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165851.	3.8	4
34	37 A novel role for DJ-1 in cardioprotection. Heart, 2011, 97, e8-e8.	2.9	2
35	013â€…Modulating mitochondrial dynamics as a novel cardioprotective strategy. Heart, 2010, 96, A10.3-A11.	2.9	0
36	Imaging of Mitochondrial Disorders: A Review. Lecture Notes in Bioengineering, 2014, , 99-136.	0.4	0