

Ana Carolina Mieko Omoto

List of Publications by Citations

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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.

14
papers

90
citations

6
h-index

9
g-index

21
ext. papers

202
ext. citations

4.2
avg, IF

2.92
L-index

#	Paper	IF	Citations
14	Two-dimensional dispersion entropy: An information-theoretic method for irregularity analysis of images. <i>Signal Processing: Image Communication</i> , 2019 , 75, 178-187	2.8	17
13	Obesity, kidney dysfunction, and inflammation: interactions in hypertension. <i>Cardiovascular Research</i> , 2021 , 117, 1859-1876	9.9	16
12	Direct Cardiac Actions of the Sodium Glucose Co-Transporter 2 Inhibitor Empagliflozin Improve Myocardial Oxidative Phosphorylation and Attenuate Pressure-Overload Heart Failure. <i>Journal of the American Heart Association</i> , 2021 , 10, e018298	6	13
11	Bi-dimensional multiscale entropy: Relation with discrete Fourier transform and biomedical application. <i>Computers in Biology and Medicine</i> , 2018 , 100, 36-40	7	11
10	Chronic ethanol consumption increases reactive oxygen species generation and the synthesis of pro-inflammatory proteins in the heart through TNFR1-dependent mechanisms. <i>Cytokine</i> , 2019 , 121, 154734	4	9
9	Restoration of Cardiac Function After Myocardial Infarction by Long-Term Activation of the CNS Leptin-Melanocortin System. <i>JACC Basic To Translational Science</i> , 2021 , 6, 55-70	8.7	6
8	Antidepressant treatment decreases daily salt intake and prevents heart dysfunction following subchronic aortic regurgitation in rats. <i>Physiology and Behavior</i> , 2015 , 144, 124-8	3.5	4
7	Verapamil decreases calpain-1 and matrix metalloproteinase-2 activities and improves hypertension-induced hypertrophic cardiac remodeling in rats. <i>Life Sciences</i> , 2020 , 244, 117153	6.8	4
6	MMP inhibition attenuates hypertensive eccentric cardiac hypertrophy and dysfunction by preserving troponin I and dystrophin. <i>Biochemical Pharmacology</i> , 2021 , 193, 114744	6	4
5	Dimethyl fumarate preserves left ventricular infarct integrity following myocardial infarction via modulation of cardiac macrophage and fibroblast oxidative metabolism. <i>Journal of Molecular and Cellular Cardiology</i> , 2021 , 158, 38-48	5.8	3
4	Osteoglycin post-transcriptional regulation by miR-155 induces cellular architecture changes in H9c2 cardiomyoblasts. <i>Gene</i> , 2018 , 676, 9-15	3.8	2
3	Sex differences in the impact of parental obesity on offspring cardiac SIRT3 expression, mitochondrial efficiency, and diastolic function early in life. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H485-H495	5.2	0
2	Automatic Processing of Histological Imaging to Aid Diagnosis of Cardiac Remodeling. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 375-382	0.4	
1	Lack of scarring is not always a sign of cardiac health: Functional and molecular characterization of the rat hearts following chronic reperfusion. <i>PLoS ONE</i> , 2018 , 13, e0209190	3.7	