Lisandra E De Castro Brs

List of Publications by Citations

30 papers	916 citations	18 h-index	30 g-index
34 ext. papers	1,177 ext. citations	5.3 avg, IF	4.2 L-index

#	Paper	IF	Citations
30	Guidelines for measuring cardiac physiology in mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 314, H733-H752	5.2	137
29	A Novel Collagen Matricryptin Reduces Left Ventricular Dilation Post-Myocardial Infarction by Promoting Scar Formation and Angiogenesis. *Journal of the American College of Cardiology*, **2015**, 66, 1364-74	15.1	101
28	Myofibroblasts and the extracellular matrix network in post-myocardial infarction cardiac remodeling. *Pflugers Archiv European Journal of Physiology*, **2014**, 466, 1113-27	4.6	70
27	Early matrix metalloproteinase-12 inhibition worsens post-myocardial infarction cardiac dysfunction by delaying inflammation resolution. *International Journal of Cardiology*, **2015**, 185, 198-208	3.2	66
26	Transgenic overexpression of matrix metalloproteinase-9 in macrophages attenuates the inflammatory response and improves left ventricular function post-myocardial infarction. *Journal of Molecular and Cellular Cardiology*, **2012**, 53, 599-608	5.8	60
25	Early matrix metalloproteinase-9 inhibition post-myocardial infarction worsens cardiac dysfunction by delaying inflammation resolution. *Journal of Molecular and Cellular Cardiology*, **2016**, 100, 109-117	5.8	42
24	Mitochondrial PE potentiates respiratory enzymes to amplify skeletal muscle aerobic capacity. *Science Advances*, **2019**, 5, eaax8352	14.3	35
23	Secreted protein acidic and rich in cysteine facilitates age-related cardiac inflammation and macrophage M1 polarization. *American Journal of Physiology - Cell Physiology*, **2015**, 308, C972-82	5.4	34
22	P. gingivalis lipopolysaccharide intensifies inflammation post-myocardial infarction through matrix metalloproteinase-9. *Journal of Molecular and Cellular Cardiology*, **2014**, 76, 218-26	5.8	34
21	Plasma Glycoproteomics Reveals Sepsis Outcomes Linked to Distinct Proteins in Common Pathways. *Critical Care Medicine*, **2015**, 43, 2049-2058	1.4	34
20	Age and SPARC change the extracellular matrix composition of the left ventricle. *BioMed Research International*, **2014**, 2014, 810562	3	33
19	Osteopontin is proteolytically processed by matrix metalloproteinase 9. *Canadian Journal of Physiology and Pharmacology*, **2015**, 93, 879-86	2.4	32
18	Translating Kochs postulates to identify matrix metalloproteinase roles in postmyocardial infarction remodeling: cardiac metalloproteinase actions (CarMA) postulates. *Circulation Research*, **2014**, 114, 860-71	15.7	32
17	Circulating Porphyromonas gingivalis lipopolysaccharide resets cardiac homeostasis in mice through a matrix metalloproteinase-9-dependent mechanism. *Physiological Reports*, **2013**, 1, e00079	2.6	32
16	Targeted overexpression of catalase to mitochondria does not prevent cardioskeletal myopathy in Barth syndrome. *Journal of Molecular and Cellular Cardiology*, **2018**, 121, 94-102	5.8	29
15	Citrate synthase is a novel in vivo matrix metalloproteinase-9 substrate that regulates mitochondrial function in the postmyocardial infarction left ventricle. *Antioxidants and Redox Signaling*, **2014**, 21, 1974-85	8.4	29
14	Defining the sham environment for post-myocardial infarction studies in mice. *American Journal of Physiology - Heart and Circulatory Physiology*, **2016**, 311, H822-36	5.2	24

List of Publications

13	Extracellular matrix-derived peptides in tissue remodeling and fibrosis. *Matrix Biology*, **2020**, 91-92, 176-187	18.4	22
12	Using proteomics to uncover extracellular matrix interactions during cardiac remodeling. *Proteomics - Clinical Applications*, **2013**, 7, 516-27	3.1	18
11	Age- and sex-dependent differences in extracellular matrix metabolism associate with cardiac functional and structural changes. *Journal of Molecular and Cellular Cardiology*, **2020**, 139, 62-74	5.8	11
10	The Mouse Heart Attack Research Tool 1.0 database. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H522-H530	5.2	11
9	Guidelines for in vivo mouse models of myocardial infarction. *American Journal of Physiology - Heart and Circulatory Physiology*, **2021**, 321, H1056-H1073	5.2	7
8	Plasma fractionation enriches post-myocardial infarction samples prior to proteomics analysis. *International Journal of Proteomics*, **2012**, 2012, 397103		5
7	Dopamine receptor D3 agonist (Pramipexole) reduces morphine-induced cardiac fibrosis. *Biochemical and Biophysical Research Communications*, **2020**, 529, 1080-1085	3.4	4
6	Cross Talk Between Inflammation and Extracellular Matrix Following Myocardial Infarction **2015**, 67-79		2
5	Efficacy of methylene blue in a murine model of amlodipine overdose. *American Journal of Emergency Medicine*, **2021**, 45, 284-289	2.9	2
4	How to Design a Cardiovascular Proteomics Experiment **2016**, 33-57		2
3	Matrix Metalloproteinase-9-Dependent Mechanisms of Reduced Contractility and Increased Stiffness in the Aging Heart. *Molecular and Translational Medicine*, **2019**, 335-347	0.4	1
2	Loss of Function in Dopamine D3 Receptor Attenuates Left Ventricular Cardiac Fibroblast Migration and Proliferation. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 732282	5.4	0
1	Using Peptidomics to Identify Extracellular Matrix-Derived Peptides as Novel Therapeutics for Cardiac Disease. *Molecular and Translational Medicine*, **2019**, 349-365	0.4	