

Eliana C Martinez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3992843/publications.pdf>

Version: 2024-02-01

32
papers

1,301
citations

516215

16
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

2080
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidermal Growth Factor Receptor Blockade Mediates Smooth Muscle Cell Apoptosis and Improves Survival in Rats With Pulmonary Hypertension. <i>Circulation</i> , 2005, 112, 423-431.	1.6	237
2	Novel Injectable Bioartificial Tissue Facilitates Targeted, Less Invasive, Large-Scale Tissue Restoration on the Beating Heart After Myocardial Injury. <i>Circulation</i> , 2005, 112, 1173-7.	1.6	213
3	Interdependent Serotonin Transporter and Receptor Pathways Regulate S100A4/Mts1, a Gene Associated With Pulmonary Vascular Disease. <i>Circulation Research</i> , 2005, 97, 227-235.	2.0	147
4	Microcapsules engineered to support mesenchymal stem cell (MSC) survival and proliferation enable long-term retention of MSCs in infarcted myocardium. <i>Biomaterials</i> , 2015, 53, 12-24.	5.7	86
5	Electron microscopic study of actin polymerization in airway smooth muscle. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2004, 286, L1161-L1168.	1.3	66
6	Plasma Ceramides as Prognostic Biomarkers and Their Arterial and Myocardial Tissue Correlates in Acute Myocardial Infarction. <i>JACC Basic To Translational Science</i> , 2018, 3, 163-175.	1.9	64
7	Adult stem cells for cardiac tissue engineering. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 312-319.	0.9	60
8	MicroRNA-31 promotes adverse cardiac remodeling and dysfunction in ischemic heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 112, 27-39.	0.9	46
9	An autologous platelet-rich plasma hydrogel compound restores left ventricular structure, function and ameliorates adverse remodeling in a minimally invasive large animal myocardial restoration model: A translational approach. <i>Biomaterials</i> , 2015, 45, 27-35.	5.7	42
10	GY4137 attenuates remodeling, preserves cardiac function and modulates the natriuretic peptide response to ischemia. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 87, 27-37.	0.9	39
11	Natriuretic peptide receptor 3 (NPR3) is regulated by microRNA-100. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 82, 13-21.	0.9	29
12	Cord Lining-Mesenchymal Stem Cells Graft Supplemented with an Omental Flap Induces Myocardial Revascularization and Ameliorates Cardiac Dysfunction in a Rat Model of Chronic Ischemic Heart Failure. <i>Tissue Engineering - Part A</i> , 2013, 19, 1303-1315.	1.6	28
13	Grafts Enriched with Subamniotic Cord-Lining Mesenchymal Stem Cell Angiogenic Spheroids Induce Post-Ischemic Myocardial Revascularization and Preserve Cardiac Function in Failing Rat Hearts. <i>Stem Cells and Development</i> , 2013, 22, 3087-3099.	1.1	25
14	Myocardial tissue engineering: the quest for the ideal myocardial substitute. <i>Expert Review of Cardiovascular Therapy</i> , 2009, 7, 921-928.	0.6	24
15	Signalosome-Regulated Serum Response Factor Phosphorylation Determining Myocyte Growth in Width Versus Length as a Therapeutic Target for Heart Failure. <i>Circulation</i> , 2020, 142, 2138-2154.	1.6	23
16	Soluble Klotho, a biomarker and therapeutic strategy to reduce bronchopulmonary dysplasia and pulmonary hypertension in preterm infants. <i>Scientific Reports</i> , 2020, 10, 12368.	1.6	22
17	Erratum to "Myocardial Restoration: Is It the Cell or the Architecture or Both?" <i>Cardiology Research and Practice</i> , 2012, 2012, 1-1.	0.5	18
18	RSK3: A regulator of pathological cardiac remodeling. <i>IUBMB Life</i> , 2015, 67, 331-337.	1.5	16

#	ARTICLE	IF	CITATIONS
19	Off-pump coronary bypass grafting is safe and efficient in patients with left main disease and higher EuroScore†. <i>European Journal of Cardio-thoracic Surgery</i> , 2009, 36, 616-620.	0.6	15
20	Neonatal hyperoxia exposure induces aortic biomechanical alterations and cardiac dysfunction in juvenile rats. <i>Physiological Reports</i> , 2020, 8, e14334.	0.7	13
21	Myocardial Restoration: Is It the Cell or the Architecture or Both?. <i>Cardiology Research and Practice</i> , 2012, 2012, 1-11.	0.5	9
22	Calcineurin A ² -Specific Anchoring Confers Isoform-Specific Compartmentation and Function in Pathological Cardiac Myocyte Hypertrophy. <i>Circulation</i> , 2020, 142, 948-962.	1.6	9
23	Off-Pump Coronary Bypass Surgery Is Safe in Patients with a Low Ejection Fraction (â‰25%). <i>Heart Surgery Forum</i> , 2010, 13, E136-E142.	0.2	9
24	Post-ischæmic angiogenic therapy using in vivo prevascularized ascorbic acid-enriched myocardial artificial grafts improves heart function in a rat model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2013, 7, 203-212.	1.3	8
25	FGF21-FGFR4 signaling in cardiac myocytes promotes concentric cardiac hypertrophy in mouse models of diabetes. <i>Scientific Reports</i> , 2022, 12, 7326.	1.6	8
26	RSK3 is required for concentric myocyte hypertrophy in an activated Raf1 model for Noonan syndrome. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 93, 98-105.	0.9	7
27	Determinants of Bioartificial Myocardial Graft Survival and Engraftment In Vivo. <i>Journal of Heart and Lung Transplantation</i> , 2008, 27, 1242-1250.	0.3	4
28	Targeting mAKAP ² expression as a therapeutic approach for ischemic cardiomyopathy. <i>Gene Therapy</i> , 2023, 30, 543-551.	2.3	4
29	Off-pump coronary artery bypass is a safe option in patients presenting as emergency. <i>Annals of the Academy of Medicine, Singapore</i> , 2010, 39, 607-12.	0.2	2
30	Incorporation of a Prolyl Hydroxylase Inhibitor into Scaffolds: A Strategy for Stimulating Vascularization. <i>Tissue Engineering - Part A</i> , 2015, 21, 1106-1115.	1.6	1
31	Consequences of incomplete repair of acute type A aortic dissection. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2008, 7, 1121-1123.	0.5	0
32	First paediatric left ventricular assist device implantation as bridge-to-recovery in Singapore. <i>Annals of the Academy of Medicine, Singapore</i> , 2009, 38, 649-2.	0.2	0