

Montserrat Batlle

List of Publications by Year in descending order

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31
papers

1,129
citations

448610

19
h-index

488211

31
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33
all docs

33
docs citations

33
times ranked

2276
citing authors

#	ARTICLE	IF	CITATIONS
1	Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie</i> , 2021, 133, 3669-3675.	1.6	5
2	Adrenergic Modulation With Photochromic Ligands. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3625-3631.	7.2	29
3	JavaCyte, a novel open-source tool for automated quantification of key hallmarks of cardiac structural remodeling. <i>Scientific Reports</i> , 2020, 10, 20074.	1.6	15
4	Aortic remodelling induced by obstructive apneas is normalized with mesenchymal stem cells infusion. <i>Scientific Reports</i> , 2019, 9, 11443.	1.6	13
5	Axl expression is increased in early stages of left ventricular remodeling in an animal model with pressure-overload. <i>PLoS ONE</i> , 2019, 14, e0217926.	1.1	11
6	Optical Control of Cardiac Function with a Photoswitchable Muscarinic Agonist. <i>Journal of the American Chemical Society</i> , 2019, 141, 7628-7636.	6.6	52
7	ACE2 and ACE in acute and chronic rejection after human heart transplantation. <i>International Journal of Cardiology</i> , 2019, 275, 59-64.	0.8	10
8	Severity of structural and functional right ventricular remodeling depends on training load in an experimental model of endurance exercise. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H459-H468.	1.5	29
9	Transcriptional regulation of the sodium channel gene (<i>SCN5A</i>) by GATA4 in human heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2017, 102, 74-82.	0.9	29
10	Plasma tissue inhibitor of matrix metalloproteinase-1 a predictor of long-term mortality in patients treated with cardiac resynchronization therapy. <i>Europace</i> , 2016, 18, 232-237.	0.7	12
11	Pulmonary Hypertension Is Related to Peripheral Endothelial Dysfunction in Heart Failure With Preserved Ejection Fraction. <i>Circulation: Heart Failure</i> , 2014, 7, 791-798.	1.6	51
12	A missense mutation in the sodium channel β 1b subunit reveals <i>SCN1B</i> as a susceptibility gene underlying long QT syndrome. <i>Heart Rhythm</i> , 2014, 11, 1202-1209.	0.3	33
13	K ⁺ Channels Expression in Hypertension After Arterial Injury, and Effect of Selective Kv1.3 Blockade with PAP-1 on Intimal Hyperplasia Formation. <i>Cardiovascular Drugs and Therapy</i> , 2014, 28, 501-511.	1.3	17
14	Identification of N-terminal protein acetylation and arginine methylation of the voltage-gated sodium channel in end-stage heart failure human heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2014, 76, 126-129.	0.9	37
15	Atrial fibrosis in a chronic murine model of obstructive sleep apnea: mechanisms and prevention by mesenchymal stem cells. <i>Respiratory Research</i> , 2014, 15, 54.	1.4	44
16	AXL receptor tyrosine kinase is increased in patients with heart failure. <i>International Journal of Cardiology</i> , 2014, 173, 402-409.	0.8	42
17	Protein arginine methyl transferases β 3 and β 5 increase cell surface expression of cardiac sodium channel. <i>FEBS Letters</i> , 2013, 587, 3159-3165.	1.3	40
18	Analysis of the arrhythmogenic substrate in human heart failure. <i>Cardiovascular Pathology</i> , 2013, 22, 133-140.	0.7	8

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19	Differential clinical characteristics and prognosis of intraventricular conduction defects in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2013, 15, 877-884.	2.9	27
20	Analysis of mRNA from human heart tissue and putative applications in forensic molecular pathology. <i>Forensic Science International</i> , 2010, 203, 99-105.	1.3	38
21	Plasma tissue inhibitor of matrix metalloproteinase-1 (TIMP-1): an independent predictor of poor response to cardiac resynchronization therapy. <i>European Journal of Heart Failure</i> , 2010, 12, 492-498.	2.9	16
22	Effects of Adipose Tissue-Derived Stem Cell Therapy After Myocardial Infarction: Impact of the Route of Administration. <i>Journal of Cardiac Failure</i> , 2010, 16, 357-366.	0.7	77
23	Decreased Expression of Thrombospondin-1 in Failing Hearts May Favor Ventricular Remodeling. <i>Transplantation Proceedings</i> , 2009, 41, 2231-2233.	0.3	20
24	Hemosiderin Deposits Confounds Tracking of Iron-Oxide-Labeled Stem Cells: An Experimental Study. <i>Transplantation Proceedings</i> , 2008, 40, 3619-3622.	0.3	14
25	Down-Regulation of Matrix Metalloproteinase-9 (MMP-9) Expression in the Myocardium of Congestive Heart Failure Patients. <i>Transplantation Proceedings</i> , 2007, 39, 2344-2346.	0.3	22
26	Correlation Between Mast Cell Density and Myocardial Fibrosis in Congestive Heart Failure Patients. <i>Transplantation Proceedings</i> , 2007, 39, 2347-2349.	0.3	40
27	Increased Expression of the Renin-Angiotensin System and Mast Cell Density But Not of Angiotensin-converting Enzyme II in Late Stages of Human Heart Failure. <i>Journal of Heart and Lung Transplantation</i> , 2006, 25, 1117-1125.	0.3	43
28	Krh1p and Krh2p act downstream of the Gpa2p G $\beta\gamma$ subunit to negatively regulate haploid invasive growth. <i>Journal of Cell Science</i> , 2003, 116, 701-710.	1.2	59
29	GPR1 encodes a putative G protein-coupled receptor that associates with the Gpa2p G $\beta\gamma$ subunit and functions in a Ras-independent pathway. <i>EMBO Journal</i> , 1998, 17, 1996-2007.	3.5	290
30	Structure and activity of membrane receptors: Modeling and computational simulation of ligand recognition in a three-dimensional model of the 5-hydroxytryptamine _{1A} receptor. <i>Journal of Biomedical Science</i> , 1996, 3, 98-107.	2.6	4
31	Allogeneic transplants with peripheral blood progenitor cells: a report of six cases. <i>Leukemia and Lymphoma</i> , 1996, 20, 471-474.	0.6	2