

Estibaliz Castellero

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,345
citations

331670

21
h-index

345221

36
g-index

51
all docs

51
docs citations

51
times ranked

2330
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-195 Regulates Metabolism in Failing Myocardium Via Alterations in Sirtuin 3 Expression and Mitochondrial Protein Acetylation. <i>Circulation</i> , 2018, 137, 2052-2067.	1.6	124
2	Del Nido Cardioplegia can be safely administered in high-risk coronary artery bypass grafting surgery after acute myocardial infarction: a propensity matched comparison. <i>Journal of Cardiothoracic Surgery</i> , 2014, 9, 141.	1.1	108
3	Increased de novo ceramide synthesis and accumulation in failing myocardium. <i>JCI Insight</i> , 2017, 2, .	5.0	88
4	Resveratrol prevents dexamethasone-induced expression of the muscle atrophy-related ubiquitin ligases atrogin-1 and MuRF1 in cultured myotubes through a SIRT1-dependent mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2012, 417, 528-533.	2.1	81
5	Increased de novo ceramide synthesis and accumulation in failing myocardium. <i>JCI Insight</i> , 2017, 2, .	5.0	78
6	Serum exosomal protein profiling for the non-invasive detection of cardiac allograft rejection. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 409-417.	0.6	66
7	Suppression of atrogin-1 and MuRF1 prevents dexamethasone-induced atrophy of cultured myotubes. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1495-1502.	3.4	61
8	Acetylation and deacetylation—novel factors in muscle wasting. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 1-11.	3.4	58
9	Fenofibrate, a PPAR α agonist, decreases atrogenes and myostatin expression and improves arthritis-induced skeletal muscle atrophy. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E790-E799.	3.5	50
10	Cardiac Donor Risk Factors Predictive of Short-Term Heart Transplant Recipient Mortality: An Analysis of the United Network for Organ Sharing Database. <i>Transplantation Proceedings</i> , 2015, 47, 2944-2951.	0.6	47
11	Attenuation of the unfolded protein response and endoplasmic reticulum stress after mechanical unloading in dilated cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H459-H470.	3.2	47
12	IGF-I system, atrogenes and myogenic regulatory factors in arthritis induced muscle wasting. <i>Molecular and Cellular Endocrinology</i> , 2009, 309, 8-16.	3.2	44
13	Cardiac myostatin upregulation occurs immediately after myocardial ischemia and is involved in skeletal muscle activation of atrophy. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 106-111.	2.1	43
14	Eicosapentaenoic acid attenuates arthritis-induced muscle wasting acting on atrogin-1 and on myogenic regulatory factors. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R1322-R1331.	1.8	41
15	β -Hydroxy- β -methylbutyrate (HMB) prevents dexamethasone-induced myotube atrophy. <i>Biochemical and Biophysical Research Communications</i> , 2012, 423, 739-743.	2.1	39
16	PPAR δ Regulates Glucocorticoid- and Sepsis-Induced FOXO1 Activation and Muscle Wasting. <i>PLoS ONE</i> , 2013, 8, e59726.	2.5	34
17	Comparative pathology of human and canine myxomatous mitral valve degeneration: 5HT and TGF- β mechanisms. <i>Cardiovascular Pathology</i> , 2020, 46, 107196.	1.6	33
18	Adipose tissue loss in adjuvant arthritis is associated with a decrease in lipogenesis, but not with an increase in lipolysis. <i>Journal of Endocrinology</i> , 2008, 197, 111-119.	2.6	32

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19	Systemic IGF-I administration attenuates the inhibitory effect of chronic arthritis on gastrocnemius mass and decreases atrogin-1 and IGFBP-3. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R541-R551.	1.8	28
20	Activation of PPAR γ signaling improves skeletal muscle oxidative metabolism and endurance function in an animal model of ischemic left ventricular dysfunction. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1078-H1085.	3.2	26
21	Ghrelin treatment protects lactotrophs from apoptosis in the pituitary of diabetic rats. <i>Molecular and Cellular Endocrinology</i> , 2009, 309, 67-75.	3.2	22
22	Iron imaging in myocardial infarction reperfusion injury. <i>Nature Communications</i> , 2020, 11, 3273.	12.8	22
23	Activin type II receptor ligand signaling inhibition after experimental ischemic heart failure attenuates cardiac remodeling and prevents fibrosis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2020, 318, H378-H390.	3.2	21
24	Mitral valve leaflet response to ischaemic mitral regurgitation: from gene expression to tissue remodelling. <i>Journal of the Royal Society Interface</i> , 2020, 17, 20200098.	3.4	20
25	Loss of muscle strength during sepsis is in part regulated by glucocorticoids and is associated with reduced muscle fiber stiffness. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R1090-R1099.	1.8	19
26	Structural and functional cardiac profile after prolonged duration of mechanical unloading: potential implications for myocardial recovery. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1463-H1476.	3.2	16
27	Cyclooxygenase-2 inhibition reverts the decrease in adiponectin levels and attenuates the loss of white adipose tissue during chronic inflammation. <i>European Journal of Pharmacology</i> , 2009, 608, 97-103.	3.5	14
28	Nitric oxide production by hepatocytes contributes to the inhibitory effect of endotoxin on insulin-like growth factor I gene expression. <i>Journal of Endocrinology</i> , 2006, 190, 847-856.	2.6	13
29	Comparison of the effects of the n-3 polyunsaturated fatty acid eicosapentaenoic and fenofibrate on the inhibitory effect of arthritis on IGF1. <i>Journal of Endocrinology</i> , 2011, 210, 361-368.	2.6	12
30	Short-term growth hormone or IGF-I administration improves the IGF-IGFBP system in arthritic rats. <i>Growth Hormone and IGF Research</i> , 2012, 22, 22-29.	1.1	11
31	Impairment of Myocardial Glutamine Homeostasis Induced By Suppression of the Amino Acid Carrier SLC1A5 in Failing Myocardium. <i>Circulation: Heart Failure</i> , 2019, 12, e006336.	3.9	11
32	Bridging Anticoagulation After Mechanical Aortic Heart Valve Replacement: A Questionable Routine. <i>Annals of Thoracic Surgery</i> , 2016, 102, 48-54.	1.3	9
33	CaMKII activity is reduced in skeletal muscle during sepsis. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 1294-1305.	2.6	6
34	Ptgs2 activation by endotoxin mediates the decrease in Igf1, but not in Igfbp3, gene expression in the liver. <i>Journal of Endocrinology</i> , 2008, 198, 385-394.	2.6	5
35	Fenofibrate administration to arthritic rats increases adiponectin and leptin and prevents oxidative muscle wasting. <i>Endocrine Connections</i> , 2012, 1, 1-12.	1.9	5
36	Magnetic susceptibility and R2* of myocardial reperfusion injury at 3T and 7T. <i>Magnetic Resonance in Medicine</i> , 2022, 87, 323-336.	3.0	4

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37	Altered Responsiveness to TGF β 2 and BMP and Increased CD45+ Cell Presence in Mitral Valves Are Unique Features of Ischemic Mitral Regurgitation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2049-2062.	2.4	3
38	BONE MORPHOGENIC PROTEIN-1/TOLLOID-LIKE METALLOPROTEINASE UPREGULATION PROFILE IN HUMAN AND MURINE ISCHEMIC HEART FAILURE. <i>Journal of the American College of Cardiology</i> , 2019, 73, 51.	2.8	1
39	Cardiac Donor Characteristics Predictive of One Year Post-Heart Transplant Mortality: Analysis of the UNOS Transplant Database. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, S34.	0.6	0
40	Use of Circulatory Arrest During Heart Transplantation Does Not Worsen Perioperative Survival. <i>Journal of Heart and Lung Transplantation</i> , 2015, 34, S288-S289.	0.6	0
41	Abstract 13291: Left Ventricular Assist Device Support is Associated with Sustained Cardiac CamKII Activation and Increased MEF2. <i>Circulation</i> , 2014, 130, .	1.6	0
42	Abstract 18859: Staphylococcus aureus Infective Endocarditis is Associated with Worsened Clinical Characteristics than Non-Staphylococcus aureus Organisms. <i>Circulation</i> , 2014, 130, .	1.6	0