

Valentina M Parra

List of Publications by Year in descending order

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57
papers

4,251
citations

147566

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143772

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docs citations

59
times ranked

7095
citing authors

#	ARTICLE	IF	CITATIONS
1	Palmitic and Stearic Acids Inhibit Chaperone-Mediated Autophagy (CMA) in POMC-like Neurons In Vitro. <i>Cells</i> , 2022, 11, 920.	1.8	2
2	Neuronal Rubicon Represses Extracellular APP/Amyloid β^2 Deposition in Alzheimer's Disease. <i>Cells</i> , 2022, 11, 1860.	1.8	2
3	Mitochondrial $\text{E}3$ ubiquitin ligase 1 (MUL1) as a novel therapeutic target for diseases associated with mitochondrial dysfunction. <i>IUBMB Life</i> , 2022, 74, 850-865.	1.5	9
4	Editorial: Mitochondrial Remodeling and Dynamic Inter-Organellar Contacts in Cardiovascular Physiopathology. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 679725.	1.8	6
5	Polycystin-1 regulates cardiomyocyte mitophagy. <i>FASEB Journal</i> , 2021, 35, e21796.	0.2	6
6	Mitochondrial function, dynamics and quality control in the pathophysiology of HFpEF. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166208.	1.8	17
7	Differential Effects of Oleic and Palmitic Acids on Lipid Droplet-Mitochondria Interaction in the Hepatic Cell Line HepG2. <i>Frontiers in Nutrition</i> , 2021, 8, 775382.	1.6	31
8	New Molecular and Organelle Alterations Linked to Down Syndrome Heart Disease. <i>Frontiers in Genetics</i> , 2021, 12, 792231.	1.1	6
9	Emerging role of mitophagy in cardiovascular physiology and pathology. <i>Molecular Aspects of Medicine</i> , 2020, 71, 100822.	2.7	114
10	Angiotensin-(1-9) prevents cardiomyocyte hypertrophy by controlling mitochondrial dynamics via miR-129-3p/PKIA pathway. <i>Cell Death and Differentiation</i> , 2020, 27, 2586-2604.	5.0	29
11	Sarcoplasmic reticulum and calcium signaling in muscle cells: Homeostasis and disease. <i>International Review of Cell and Molecular Biology</i> , 2020, 350, 197-264.	1.6	28
12	Miro1 as a novel regulator of hypertrophy in neonatal rat cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 141, 65-69.	0.9	5
13	Down syndrome and Alzheimer's disease: common molecular traits beyond the amyloid precursor protein. <i>Aging</i> , 2020, 12, 1011-1033.	1.4	48
14	Polycystin-2 Is Required for Starvation- and Rapamycin-Induced Atrophy in Myotubes. <i>Frontiers in Endocrinology</i> , 2019, 10, 280.	1.5	4
15	Caveolin-1 impairs PKA-DRP1-mediated remodelling of ER-mitochondria communication during the early phase of ER stress. <i>Cell Death and Differentiation</i> , 2019, 26, 1195-1212.	5.0	46
16	Polycystin-2-dependent control of cardiomyocyte autophagy. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 118, 110-121.	0.9	32
17	The STIM1 inhibitor ML9 disrupts basal autophagy in cardiomyocytes by decreasing lysosome content. <i>Toxicology in Vitro</i> , 2018, 48, 121-127.	1.1	7
18	Down Syndrome Critical Region 1 Gene, <i>Rcan1</i> , Helps Maintain a More Fused Mitochondrial Network. <i>Circulation Research</i> , 2018, 122, e20-e33.	2.0	47

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19	Regulator of Calcineurin 1 helps coordinate whole-body metabolism and thermogenesis. EMBO Reports, 2018, 19, .	2.0	30
20	Abstract 281: The Calcineurin/Rcan1 Axis Influences Mitochondrial Dynamics, Metabolism, and Biogenesis. Circulation Research, 2018, 123, .	2.0	0
21	Calcium Transport and Signaling in Mitochondria. , 2017, 7, 623-634.		168
22	Calcineurin signaling in the heart: The importance of time and place. Journal of Molecular and Cellular Cardiology, 2017, 103, 121-136.	0.9	81
23	Inhibition of mitochondrial fission prevents hypoxia-induced metabolic shift and cellular proliferation of pulmonary arterial smooth muscle cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2891-2903.	1.8	48
24	Mitochondrial dynamics, mitophagy and cardiovascular disease. Journal of Physiology, 2016, 594, 509-525.	1.3	441
25	Endolysosomal two-pore channels regulate autophagy in cardiomyocytes. Journal of Physiology, 2016, 594, 3061-3077.	1.3	70
26	mTORC1 inhibitor rapamycin and ER stressor tunicamycin induce differential patterns of ER-mitochondria coupling. Scientific Reports, 2016, 6, 36394.	1.6	32
27	BAG3 regulates total MAP1LC3B protein levels through a translational but not transcriptional mechanism. Autophagy, 2016, 12, 287-296.	4.3	31
28	HERPUD1 protects against oxidative stress-induced apoptosis through downregulation of the inositol 1,4,5-trisphosphate receptor. Free Radical Biology and Medicine, 2016, 90, 206-218.	1.3	31
29	Defective insulin signaling and mitochondrial dynamics in diabetic cardiomyopathy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 1113-1118.	1.9	50
30	FK866 compromises mitochondrial metabolism and adaptive stress responses in cultured cardiomyocytes. Biochemical Pharmacology, 2015, 98, 92-101.	2.0	17
31	Alteration in mitochondrial Ca ²⁺ uptake disrupts insulin signaling in hypertrophic cardiomyocytes. Cell Communication and Signaling, 2014, 12, 68.	2.7	37
32	Drp1 Loss-of-function Reduces Cardiomyocyte Oxygen Dependence Protecting the Heart From Ischemia-reperfusion Injury. Journal of Cardiovascular Pharmacology, 2014, 63, 477-487.	0.8	88
33	Calcineurin and its regulator, RCAN1, confer time-of-day changes in susceptibility of the heart to ischemia/reperfusion. Journal of Molecular and Cellular Cardiology, 2014, 74, 103-111.	0.9	37
34	Insulin Stimulates Mitochondrial Fusion and Function in Cardiomyocytes via the Akt-mTOR-NF κ B-Opa-1 Signaling Pathway. Diabetes, 2014, 63, 75-88.	0.3	195
35	Mitochondrial fission is required for cardiomyocyte hypertrophy via a Ca ²⁺ -calcineurin signalling pathway. Journal of Cell Science, 2014, 127, 2659-71.	1.2	140
36	Dexamethasone-induced autophagy mediates muscle atrophy through mitochondrial clearance. Cell Cycle, 2014, 13, 2281-2295.	1.3	89

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37	Trimetazidine prevents palmitate-induced mitochondrial fission and dysfunction in cultured cardiomyocytes. <i>Biochemical Pharmacology</i> , 2014, 91, 323-336.	2.0	47
38	Mitochondrial fragmentation impairs insulin-dependent glucose uptake by modulating Akt activity through mitochondrial Ca ²⁺ uptake. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1-E13.	1.8	49
39	Alteration in mitochondrial Ca ²⁺ uptake disrupts insulin signaling in hypertrophic cardiomyocytes. <i>Cell Communication and Signaling</i> , 2014, 12, 68.	2.7	15
40	Endoplasmic Reticulum and the Unfolded Protein Response. <i>International Review of Cell and Molecular Biology</i> , 2013, 301, 215-290.	1.6	440
41	Calcium and mitochondrial metabolism in ceramide-induced cardiomyocyte death. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1334-1344.	1.8	37
42	Energy-preserving effects of IGF-1 antagonize starvation-induced cardiac autophagy. <i>Cardiovascular Research</i> , 2012, 93, 320-329.	1.8	124
43	Endoplasmic reticulum: ER stress regulates mitochondrial bioenergetics. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 16-20.	1.2	162
44	A BAX/BAK and Cyclophilin D-Independent Intrinsic Apoptosis Pathway. <i>PLoS ONE</i> , 2012, 7, e37782.	1.1	33
45	Increased ER ^{Ca} mitochondrial coupling promotes mitochondrial respiration and bioenergetics during early phases of ER stress. <i>Journal of Cell Science</i> , 2011, 124, 2143-2152.	1.2	483
46	Mitochondrial Dynamics: a Potential New Therapeutic Target for Heart Failure. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2011, 64, 916-923.	0.4	51
47	The complex interplay between mitochondrial dynamics and cardiac metabolism. <i>Journal of Bioenergetics and Biomembranes</i> , 2011, 43, 47-51.	1.0	59
48	Increased ER ^{Ca} mitochondrial coupling promotes mitochondrial respiration and bioenergetics during early phases of ER stress. <i>Journal of Cell Science</i> , 2011, 124, 2511-2511.	1.2	30
49	Parallel activation of Ca ²⁺ -induced survival and death pathways in cardiomyocytes by sorbitol-induced hyperosmotic stress. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2010, 15, 887-903.	2.2	27
50	Mitochondria fine-tune the slow Ca ²⁺ transients induced by electrical stimulation of skeletal myotubes. <i>Cell Calcium</i> , 2010, 48, 358-370.	1.1	42
51	Iron induces protection and necrosis in cultured cardiomyocytes: Role of reactive oxygen species and nitric oxide. <i>Free Radical Biology and Medicine</i> , 2010, 48, 526-534.	1.3	39
52	Glucose deprivation causes oxidative stress and stimulates aggresome formation and autophagy in cultured cardiac myocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2010, 1802, 509-518.	1.8	102
53	An Inositol 1,4,5-Triphosphate (IP ₃)-IP ₃ Receptor Pathway Is Required for Insulin-Stimulated Glucose Transporter 4 Translocation and Glucose Uptake in Cardiomyocytes. <i>Endocrinology</i> , 2010, 151, 4665-4677.	1.4	47
54	Regulatory volume decrease in cardiomyocytes is modulated by calcium influx and reactive oxygen species. <i>FEBS Letters</i> , 2009, 583, 3485-3492.	1.3	9

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55	Changes in mitochondrial dynamics during ceramide-induced cardiomyocyte early apoptosis. Cardiovascular Research, 2008, 77, 387-397.	1.8	212
56	Testosterone Induces an Intracellular Calcium Increase by a Nongenomic Mechanism in Cultured Rat Cardiac Myocytes. Endocrinology, 2006, 147, 1386-1395.	1.4	130
57	Hyperosmotic stress activates p65/RelB NF κ B in cultured cardiomyocytes with dichotomic actions on caspase activation and cell death. FEBS Letters, 2006, 580, 3469-3476.	1.3	15