Valentina M Parra

List of Publications by Year in Descending Order

52 papers	3,080 citations	27 h-index	55 g-index
59 ext. papers	3,702 ext. citations	6 avg, IF	4.83 L-index

#	Paper	IF	Citations
52	New Molecular and Organelle Alterations Linked to Down Syndrome Heart Disease.. *Frontiers in Genetics*, **2021**, 12, 792231	4.5	1
51	Differential Effects of Oleic and Palmitic Acids on Lipid Droplet-Mitochondria Interaction in the Hepatic Cell Line HepG2. *Frontiers in Nutrition*, **2021**, 8, 775382	6.2	3
50	Polycystin-1 regulates cardiomyocyte mitophagy. *FASEB Journal*, **2021**, 35, e21796	0.9	1
49	Mitochondrial function, dynamics and quality control in the pathophysiology of HFpEF. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2021**, 1867, 166208	6.9	4
48	Angiotensin-(1-9) prevents cardiomyocyte hypertrophy by controlling mitochondrial dynamics via miR-129-3p/PKIA pathway. *Cell Death and Differentiation*, **2020**, 27, 2586-2604	12.7	15
47	Sarcoplasmic reticulum and calcium signaling in muscle cells: Homeostasis and disease. *International Review of Cell and Molecular Biology*, **2020**, 350, 197-264	6	12
46	Miro1 as a novel regulator of hypertrophy in neonatal rat cardiomyocytes. *Journal of Molecular and Cellular Cardiology*, **2020**, 141, 65-69	5.8	3
45	Down syndrome and Alzheimer's disease: common molecular traits beyond the amyloid precursor protein. *Aging*, **2020**, 12, 1011-1033	5.6	25
44	Emerging role of mitophagy in cardiovascular physiology and pathology. *Molecular Aspects of Medicine*, **2020**, 71, 100822	16.7	57
43	Polycystin-2 Is Required for Starvation- and Rapamycin-Induced Atrophy in Myotubes. *Frontiers in Endocrinology*, **2019**, 10, 280	5.7	2
42	Caveolin-1 impairs PKA-DRP1-mediated remodelling of ER-mitochondria communication during the early phase of ER stress. *Cell Death and Differentiation*, **2019**, 26, 1195-1212	12.7	30
41	Polycystin-2-dependent control of cardiomyocyte autophagy. *Journal of Molecular and Cellular Cardiology*, **2018**, 118, 110-121	5.8	17
40	The STIM1 inhibitor ML9 disrupts basal autophagy in cardiomyocytes by decreasing lysosome content. *Toxicology in Vitro*, **2018**, 48, 121-127	3.6	5
39	Down Syndrome Critical Region 1 Gene, , Helps Maintain a More Fused Mitochondrial Network. *Circulation Research*, **2018**, 122, e20-e33	15.7	32
38	Regulator of Calcineurin 1 helps coordinate whole-body metabolism and thermogenesis. *EMBO Reports*, **2018**, 19,	6.5	21
37	Calcium Transport and Signaling in Mitochondria. *Comprehensive Physiology*, **2017**, 7, 623-634	7.7	92
36	Calcineurin signaling in the heart: The importance of time and place. *Journal of Molecular and Cellular Cardiology*, **2017**, 103, 121-136	5.8	53

35	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	6.9	25
34	BAG3 regulates total MAP1LC3B protein levels through a translational but not transcriptional mechanism. *Autophagy*, **2016**, 12, 287-96	10.2	26
33	HERPUD1 protects against oxidative stress-induced apoptosis through downregulation of the inositol 1,4,5-trisphosphate receptor. *Free Radical Biology and Medicine*, **2016**, 90, 206-18	7.8	21
32	Mitochondrial dynamics, mitophagy and cardiovascular disease. *Journal of Physiology*, **2016**, 594, 509-25	3.9	269
31	Endolysosomal two-pore channels regulate autophagy in cardiomyocytes. *Journal of Physiology*, **2016**, 594, 3061-77	3.9	46
30	mTORC1 inhibitor rapamycin and ER stressor tunicamycin induce differential patterns of ER-mitochondria coupling. *Scientific Reports*, **2016**, 6, 36394	4.9	25
29	FK866 compromises mitochondrial metabolism and adaptive stress responses in cultured cardiomyocytes. *Biochemical Pharmacology*, **2015**, 98, 92-101	6	16
28	Defective insulin signaling and mitochondrial dynamics in diabetic cardiomyopathy. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2015**, 1853, 1113-8	4.9	42
27	Mitochondrial fission is required for cardiomyocyte hypertrophy mediated by a Ca2+-calcineurin signaling pathway. *Journal of Cell Science*, **2014**, 127, 2659-71	5.3	113
26	Dexamethasone-induced autophagy mediates muscle atrophy through mitochondrial clearance. *Cell Cycle*, **2014**, 13, 2281-95	4.7	66
25	Trimetazidine prevents palmitate-induced mitochondrial fission and dysfunction in cultured cardiomyocytes. *Biochemical Pharmacology*, **2014**, 91, 323-36	6	38
24	Mitochondrial fragmentation impairs insulin-dependent glucose uptake by modulating Akt activity through mitochondrial Ca2+ uptake. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 306, E1-E13	6	40
23	Alteration in mitochondrial Ca(2+) uptake disrupts insulin signaling in hypertrophic cardiomyocytes. *Cell Communication and Signaling*, **2014**, 12, 68	7.5	27
22	Drp1 loss-of-function reduces cardiomyocyte oxygen dependence protecting the heart from ischemia-reperfusion injury. *Journal of Cardiovascular Pharmacology*, **2014**, 63, 477-87	3.1	82
21	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, 103-11	5.8	26
20	Insulin stimulates mitochondrial fusion and function in cardiomyocytes via the Akt-mTOR-NFB-Opa-1 signaling pathway. *Diabetes*, **2014**, 63, 75-88	0.9	146
19	Alteration in mitochondrial Ca 2+ uptake disrupts insulin signaling in hypertrophic cardiomyocytes. *Cell Communication and Signaling*, **2014**, 12, 68	7.5	15
18	Endoplasmic reticulum and the unfolded protein response: dynamics and metabolic integration. *International Review of Cell and Molecular Biology*, **2013**, 301, 215-90	6	342

17	Calcium and mitochondrial metabolism in ceramide-induced cardiomyocyte death. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2013**, 1832, 1334-44	6.9	31
16	Energy-preserving effects of IGF-1 antagonize starvation-induced cardiac autophagy. *Cardiovascular Research*, **2012**, 93, 320-9	9.9	102
15	Endoplasmic reticulum: ER stress regulates mitochondrial bioenergetics. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 16-20	5.6	129
14	A BAX/BAK and cyclophilin D-independent intrinsic apoptosis pathway. *PLoS ONE*, **2012**, 7, e37782	3.7	30
13	Increased ER-mitochondrial coupling promotes mitochondrial respiration and bioenergetics during early phases of ER stress. *Journal of Cell Science*, **2011**, 124, 2143-52	5.3	367
12	Mitochondrial Dynamics: a Potential New Therapeutic Target for Heart Failure. *Revista Espanola De Cardiologia (English Ed)*, **2011**, 64, 916-923	0.7	8
11	The complex interplay between mitochondrial dynamics and cardiac metabolism. *Journal of Bioenergetics and Biomembranes*, **2011**, 43, 47-51	3.7	48
10	Increased ER-mitochondrial coupling promotes mitochondrial respiration and bioenergetics during early phases of ER stress. *Journal of Cell Science*, **2011**, 124, 2511-2511	5.3	22
9	Glucose deprivation causes oxidative stress and stimulates aggresome formation and autophagy in cultured cardiac myocytes. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2010**, 1802, 509-18	6.9	88
8	An inositol 1,4,5-triphosphate (IP3)-IP3 receptor pathway is required for insulin-stimulated glucose transporter 4 translocation and glucose uptake in cardiomyocytes. *Endocrinology*, **2010**, 151, 4665-77	4.8	39
7	Parallel activation of Ca(2+)-induced survival and death pathways in cardiomyocytes by sorbitol-induced hyperosmotic stress. *Apoptosis: an International Journal on Programmed Cell Death* , **2010**, 15, 887-903	5.4	23
6	Mitochondria fine-tune the slow Ca(2+) transients induced by electrical stimulation of skeletal myotubes. *Cell Calcium*, **2010**, 48, 358-70	4	27
5	Iron induces protection and necrosis in cultured cardiomyocytes: Role of reactive oxygen species and nitric oxide. *Free Radical Biology and Medicine*, **2010**, 48, 526-34	7.8	35
4	Regulatory volume decrease in cardiomyocytes is modulated by calcium influx and reactive oxygen species. *FEBS Letters*, **2009**, 583, 3485-92	3.8	7
3	Changes in mitochondrial dynamics during ceramide-induced cardiomyocyte early apoptosis. *Cardiovascular Research*, **2008**, 77, 387-97	9.9	188
2	Testosterone induces an intracellular calcium increase by a nongenomic mechanism in cultured rat cardiac myocytes. *Endocrinology*, **2006**, 147, 1386-95	4.8	116
1	Hyperosmotic stress activates p65/RelB NFkappaB in cultured cardiomyocytes with dichotomic actions on caspase activation and cell death. *FEBS Letters*, **2006**, 580, 3469-76	3.8	13