

Roberto Bravo

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,699
citations

257101

24
h-index

395343

33
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35
all docs

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docs citations

35
times ranked

5142
citing authors

#	ARTICLE	IF	CITATIONS
1	Perspectives on Organelle Interaction, Protein Dysregulation, and Cancer Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 613336.	1.8	18
2	Endoplasmic reticulum-mitochondria coupling increases during doxycycline-induced mitochondrial stress in HeLa cells. <i>Cell Death and Disease</i> , 2021, 12, 657.	2.7	16
3	Insulin and IGF-1 receptors regulate complex-dependent mitochondrial bioenergetics and supercomplexes via FoxOs in muscle. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	28
4	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
5	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
6	Sucralose Stimulates Mitochondrial Bioenergetics in Caco-2 Cells. <i>Frontiers in Nutrition</i> , 2020, 7, 585484.	1.6	4
7	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
8	Protection of the myocardium against ischemia/reperfusion injury by angiotensin-(1-9) through an AT2R and Akt-dependent mechanism. <i>Pharmacological Research</i> , 2018, 135, 112-121.	3.1	28
9	Sarcoplasmic reticulum-mitochondria communication in cardiovascular pathophysiology. <i>Nature Reviews Cardiology</i> , 2017, 14, 342-360.	6.1	114
10	Calcium Transport and Signaling in Mitochondria. , 2017, 7, 623-634.		168
11	Inhibition of mitochondrial fission prevents hypoxia-induced metabolic shift and cellular proliferation of pulmonary arterial smooth muscle cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2891-2903.	1.8	48
12	Prolonged Activation of the Htr2b Serotonin Receptor Impairs Glucose Stimulated Insulin Secretion and Mitochondrial Function in MIN6 Cells. <i>PLoS ONE</i> , 2017, 12, e0170213.	1.1	23
13	Calcium in Obesity and Related Diseases. , 2017, , 35-44.		0
14	Calcium Sensing Receptor as a Novel Mediator of Adipose Tissue Dysfunction: Mechanisms and Potential Clinical Implications. <i>Frontiers in Physiology</i> , 2016, 7, 395.	1.3	29
15	mTORC1 inhibitor rapamycin and ER stressor tunicamycin induce differential patterns of ER-mitochondria coupling. <i>Scientific Reports</i> , 2016, 6, 36394.	1.6	32
16	Regulation of cardiomyocyte autophagy by calcium. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E587-E596.	1.8	9
17	HERPUD1 protects against oxidative stress-induced apoptosis through downregulation of the inositol 1,4,5-trisphosphate receptor. <i>Free Radical Biology and Medicine</i> , 2016, 90, 206-218.	1.3	31
18	Defective insulin signaling and mitochondrial dynamics in diabetic cardiomyopathy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1113-1118.	1.9	50

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19	ER-to-mitochondria miscommunication and metabolic diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 2096-2105.	1.8	90
20	Tumor Suppression and Promotion by Autophagy. <i>BioMed Research International</i> , 2014, 2014, 1-15.	0.9	147
21	Organelle communication: Signaling crossroads between homeostasis and disease. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 50, 55-59.	1.2	46
22	Dexamethasone-induced autophagy mediates muscle atrophy through mitochondrial clearance. <i>Cell Cycle</i> , 2014, 13, 2281-2295.	1.3	89
23	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
24	Herp depletion protects from protein aggregation by up-regulating autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3295-3305.	1.9	32
25	Endoplasmic Reticulum and the Unfolded Protein Response. <i>International Review of Cell and Molecular Biology</i> , 2013, 301, 215-290.	1.6	440
26	Cell Death and Survival Through the Endoplasmic Reticulum- Mitochondrial Axis. <i>Current Molecular Medicine</i> , 2013, 13, 317-329.	0.6	104
27	Endoplasmic reticulum: ER stress regulates mitochondrial bioenergetics. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 16-20.	1.2	162
28	Increased ER-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
29	Anabolic Androgenic Steroids and Intracellular Calcium Signaling: A Mini Review on Mechanisms and Physiological Implications. <i>Mini-Reviews in Medicinal Chemistry</i> , 2011, 11, 390-398.	1.1	40
30	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
31	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
32	An Inositol 1,4,5-Triphosphate (IP3)-IP3 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
33	Gln ²⁷ →Glu ² Adrenergic Receptor Polymorphism in Heart Failure Patients: Differential Clinical and Oxidative Response to Carvedilol. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2009, 104, 374-378.	1.2	22
34	The transcription factor MEF2C mediates cardiomyocyte hypertrophy induced by IGF-1 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2009, 388, 155-160.	1.0	43