

# Ariel Contreras-Ferrat

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	ROS Production via P2Y1-PKC-NOX2 Is Triggered by Extracellular ATP after Electrical Stimulation of Skeletal Muscle Cells. PLoS ONE, 2015, 10, e0129882.	2.5	79
2	Cav1.1 controls frequency-dependent events regulating adult skeletal muscle plasticity. Journal of Cell Science, 2013, 126, 1189-1198.	2.0	55
3	Insulin elicits a ROS-activated and an IP3-dependent Ca <sup>2+</sup> release; both impinge on GLUT4 translocation. Journal of Cell Science, 2014, 127, 1911-23.	2.0	54
4	Mitochondrial Calcium Increase Induced by RyR1 and IP3R Channel Activation After Membrane Depolarization Regulates Skeletal Muscle Metabolism. Frontiers in Physiology, 2018, 9, 791.	2.8	51
5	Mitochondrial fragmentation impairs insulin-dependent glucose uptake by modulating Akt activity through mitochondrial Ca <sup>2+</sup> uptake. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1-E13.	3.5	49
6	Testosterone increases GLUT4-dependent glucose uptake in cardiomyocytes. Journal of Cellular Physiology, 2013, 228, 2399-2407.	4.1	46
7	Contraction-related stimuli regulate GLUT4 traffic in C <sub>2</sub> C <sub>12</sub> -GLUT4 <sup>myc</sup> skeletal muscle cells. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E1058-E1071.	3.5	44
8	Calcium signaling in insulin action on striated muscle. Cell Calcium, 2014, 56, 390-396.	2.4	40
9	NOX2 Inhibition Impairs Early Muscle Gene Expression Induced by a Single Exercise Bout. Frontiers in Physiology, 2016, 7, 282.	2.8	39
10	Insulin-Dependent H <sub>2</sub> O <sub>2</sub> Production Is Higher in Muscle Fibers of Mice Fed with a High-Fat Diet. International Journal of Molecular Sciences, 2013, 14, 15740-15754.	4.1	37
11	Ca <sup>2+</sup> signals promote GLUT4 exocytosis and reduce its endocytosis in muscle cells. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E209-E224.	3.5	37
12	Characterization of a multiprotein complex involved in excitation-transcription coupling of skeletal muscle. Skeletal Muscle, 2016, 6, 15.	4.2	31
13	IP3 receptor blockade restores autophagy and mitochondrial function in skeletal muscle fibers of dystrophic mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3685-3695.	3.8	28
14	Sarcoplasmic reticulum and calcium signaling in muscle cells: Homeostasis and disease. International Review of Cell and Molecular Biology, 2020, 350, 197-264.	3.2	28
15	Role of ABCA1 on membrane cholesterol content, insulin-dependent Akt phosphorylation and glucose uptake in adult skeletal muscle fibers from mice. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1469-1477.	2.4	19
16	Salivary Biomarker Responses to Two Final Matches in Women's Professional Football. Journal of Sports Science and Medicine, 2016, 15, 365-71.	1.6	14