

Gustavo Brum

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

7

papers

932

citations

5

h-index

7

g-index

7

ext. papers

983

ext. citations

9.3

avg, IF

3.61

L-index

#	Paper	IF	Citations
7	Involvement of dihydropyridine receptors in excitation-contraction coupling in skeletal muscle. <i>Nature</i> , 1987 , 325, 717-20	50.4	799
6	Confocal imaging of [Ca ²⁺] in cellular organelles by SEER, shifted excitation and emission ratioing of fluorescence. <i>Journal of Physiology</i> , 2005 , 567, 523-43	3.9	57
5	Regulation of Ca ²⁺ sparks by Ca ²⁺ and Mg ²⁺ in mammalian and amphibian muscle. An RyR isoform-specific role in excitation-contraction coupling?. <i>Journal of General Physiology</i> , 2004 , 124, 409-28 ^{3,4}	3.4	39
4	The changes in Ca ²⁺ sparks associated with measured modifications of intra-store Ca ²⁺ concentration in skeletal muscle. <i>Journal of General Physiology</i> , 2006 , 128, 45-54	3.4	16
3	Differential effects of voltage-dependent inactivation and local anesthetics on kinetic phases of Ca ²⁺ release in frog skeletal muscle. <i>Biophysical Journal</i> , 2003 , 85, 245-54	2.9	13
2	The voltage sensor of excitation-contraction coupling in mammals: Inactivation and interaction with Ca. <i>Journal of General Physiology</i> , 2017 , 149, 1041-1058	3.4	5
1	A chloride channel blocker prevents the suppression by inorganic phosphate of the cytosolic calcium signals that control muscle contraction. <i>Journal of Physiology</i> , 2021 , 599, 157-170	3.9	3