

Gustavo Brum

List of Publications by Year in Descending Order

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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	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
6	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
5	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
4	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
3	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
2	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
1	Involvement of dihydropyridine receptors in excitation-contraction coupling in skeletal muscle. <i>Nature</i> , 1987 , 325, 717-20	50.4	799