

Ingrid Carvacho

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.

18
papers

529
citations

11
h-index

23
g-index

24
ext. papers

617
ext. citations

4.8
avg, IF

3.87
L-index

#	Paper	IF	Citations
18	An aqueous H ⁺ permeation pathway in the voltage-gated proton channel Hv1. <i>Nature Structural and Molecular Biology</i> , 2010 , 17, 869-875	17.6	131
17	A marriage of convenience: beta-subunits and voltage-dependent K ⁺ channels. <i>Journal of Biological Chemistry</i> , 2007 , 282, 24485-9	5.4	92
16	Structural determinants for functional coupling between the beta and alpha subunits in the Ca ²⁺ -activated K ⁺ (BK) channel. <i>Journal of General Physiology</i> , 2006 , 127, 191-204	3.4	53
15	TRPV3 channels mediate strontium-induced mouse-egg activation. <i>Cell Reports</i> , 2013 , 5, 1375-86	10.6	51
14	Intrinsic electrostatic potential in the BK channel pore: role in determining single channel conductance and block. <i>Journal of General Physiology</i> , 2008 , 131, 147-61	3.4	32
13	TRPM7 and Ca _v 3.2 channels mediate Ca influx required for egg activation at fertilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E10370-E10378	11.5	32
12	TRPM7-like channels are functionally expressed in oocytes and modulate post-fertilization embryo development in mouse. <i>Scientific Reports</i> , 2016 , 6, 34236	4.9	31
11	Conotoxins as Tools to Understand the Physiological Function of Voltage-Gated Calcium (Ca) Channels. <i>Marine Drugs</i> , 2017 , 15,	6	25
10	Ion Channel Function During Oocyte Maturation and Fertilization. <i>Frontiers in Cell and Developmental Biology</i> , 2018 , 6, 63	5.7	24
9	TRPV3 channels mediate Ca ²⁺ influx induced by 2-APB in mouse eggs. <i>Cell Calcium</i> , 2016 , 59, 21-31	4	23
8	RGD-binding integrins and TGF- β in SARS-CoV-2 infections - novel targets to treat COVID-19 patients?. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1240	6.8	12
7	Small and Intermediate Calcium-Activated Potassium Channel Openers Improve Rat Endothelial and Erectile Function. <i>Frontiers in Pharmacology</i> , 2017 , 8, 660	5.6	7
6	Transient Receptor Potential channels (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019 , 2019,	1.7	6
5	Divalent cation influx and calcium homeostasis in germinal vesicle mouse oocytes. <i>Cell Calcium</i> , 2020 , 87, 102181	4	4
4	Deletion of TRPV3 and Ca _v 3.2 T-type channels in mice undermines fertility and Ca ²⁺ homeostasis in oocytes and eggs. <i>Journal of Cell Science</i> , 2021 , 134,	5.3	3
3	Hypoxic Regulation of the Large-Conductance, Calcium and Voltage-Activated Potassium Channel, BK.. <i>Frontiers in Physiology</i> , 2021 , 12, 780206	4.6	2
2	Knockin Unlocks Egg's Door: Maternal Control of Egg Activation That Influences Cortical Granule Exocytosis in Animal Species. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 704867	5.7	1

- 1 TRPM8 Channel Promotes the Osteogenic Differentiation in Human Bone Marrow Mesenchymal Stem Cells. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 592946 5.7 ○