

# Ingrid Carvacho

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8287776/publications.pdf>

Version: 2024-02-01

23  
papers

686  
citations

840119

11  
h-index

752256

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

968  
citing authors

#	ARTICLE	IF	CITATIONS
1	An aqueous H <sup>+</sup> permeation pathway in the voltage-gated proton channel Hv1. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 869-875.	3.6	160
2	A Marriage of Convenience: $\hat{I}^2$ -Subunits and Voltage-dependent K <sup>+</sup> Channels. <i>Journal of Biological Chemistry</i> , 2007, 282, 24485-24489.	1.6	102
3	TRPV3 Channels Mediate Strontium-Induced Mouse-Egg Activation. <i>Cell Reports</i> , 2013, 5, 1375-1386.	2.9	61
4	Structural Determinants for Functional Coupling Between the $\hat{I}^2$ and $\hat{I}^{\pm}$ Subunits in the Ca <sup>2+</sup> -activated K <sup>+</sup> (BK) Channel. <i>Journal of General Physiology</i> , 2006, 127, 191-204.	0.9	56
5	TRPM7 and Ca <sup>v</sup> 3.2 channels mediate Ca <sup>2+</sup> 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.	3.3	40
6	Intrinsic Electrostatic Potential in the BK Channel Pore: Role in Determining Single Channel Conductance and Block. <i>Journal of General Physiology</i> , 2008, 131, 147-161.	0.9	39
7	TRPM7-like channels are functionally expressed in oocytes and modulate post-fertilization embryo development in mouse. <i>Scientific Reports</i> , 2016, 6, 34236.	1.6	38
8	Conotoxins as Tools to Understand the Physiological Function of Voltage-Gated Calcium (CaV) Channels. <i>Marine Drugs</i> , 2017, 15, 313.	2.2	34
9	RGD-binding integrins and TGF $\hat{\alpha}^2$ in SARS-CoV $\hat{\alpha}^2$ infections – novel targets to treat COVID-19 patients?. <i>Clinical and Translational Immunology</i> , 2021, 10, e1240.	1.7	32
10	Ion Channel Function During Oocyte Maturation and Fertilization. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 63.	1.8	31
11	TRPV3 channels mediate Ca <sup>2+</sup> influx induced by 2-APB in mouse eggs. <i>Cell Calcium</i> , 2016, 59, 21-31.	1.1	26
12	Knockin <sup>TM</sup> on Egg <sup>TM</sup> 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.	1.8	13
13	Small and Intermediate Calcium-Activated Potassium Channel Openers Improve Rat Endothelial and Erectile Function. <i>Frontiers in Pharmacology</i> , 2017, 8, 660.	1.6	11
14	Divalent cation influx and calcium homeostasis in germinal vesicle mouse oocytes. <i>Cell Calcium</i> , 2020, 87, 102181.	1.1	11
15	Hypoxic Regulation of the Large-Conductance, Calcium and Voltage-Activated Potassium Channel, BK. <i>Frontiers in Physiology</i> , 2021, 12, 780206.	1.3	9
16	TRPM8 Channel Promotes the Osteogenic Differentiation in Human Bone Marrow Mesenchymal Stem Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 592946.	1.8	8
17	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, .	0.2	7
18	Deletion of TRPV3 and CaV3.2 T-type channels in mice undermines fertility and Ca <sup>2+</sup> homeostasis in oocytes and eggs. <i>Journal of Cell Science</i> , 2021, 134, .	1.2	6

#	ARTICLE	IF	CITATIONS
19	Transient Receptor Potential channels (TRP) in GtoPdb v.2021.3. IUPHAR/BPS Guide To Pharmacology CITE, 2021, 2021, .	0.2	1
20	Incorporación de estándares bioéticos para la generación de conocimiento científico de calidad en investigación en fauna silvestre: Ciencia con conciencia. Gayana, 2020, 84, 68-74.	0.0	1
21	H+ Permeation in Hv1 Voltage-gated Proton Channels. Biophysical Journal, 2009, 96, 661a.	0.2	0
22	Voltage and proton gradient sensing in Hv1 proton channels. Biophysical Journal, 2009, 96, 484a.	0.2	0
23	A Single S4 Arginine is Sufficient for Voltage Sensitivity in the Hv1 Proton Channel. Biophysical Journal, 2010, 98, 622a.	0.2	0