

# Juan C Gomora

## List of Publications by Year in descending order

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32  
papers

1,685  
citations

361045

20  
h-index

414034

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1805  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel Block of Three Cloned T-Type Calcium Channels: Low Concentrations Selectively Block $\hat{I}_{\pm 1H}$ . <i>Biophysical Journal</i> , 1999, 77, 3034-3042.	0.2	496
2	Block of Cloned Human T-Type Calcium Channels by Succinimide Antiepileptic Drugs. <i>Molecular Pharmacology</i> , 2001, 60, 1121-1132.	1.0	183
3	Functional expression of voltage-gated sodium channels in primary cultures of human cervical cancer. <i>Journal of Cellular Physiology</i> , 2007, 210, 469-478.	2.0	83
4	Cloning and Expression of the Human T-Type Channel Cav3.3: Insights into Prepulse Facilitation. <i>Biophysical Journal</i> , 2002, 83, 229-241.	0.2	79
5	Molecular Pharmacology of T-type $Ca^{2+}$ Channels. <i>The Japanese Journal of Pharmacology</i> , 2001, 85, 339-350.	1.2	77
6	Overexpression of $Na^+V_{\beta}1.6$ channels is associated with the invasion capacity of human cervical cancer. <i>International Journal of Cancer</i> , 2012, 130, 2013-2023.	2.3	77
7	ZD7288 inhibits low-threshold $Ca^{2+}$ channel activity and regulates sperm function. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 187-192.	1.0	72
8	Expression and differential cell distribution of low-threshold $Ca^{2+}$ channels in mammalian male germ cells and sperm. <i>FEBS Letters</i> , 2004, 563, 87-92.	1.3	68
9	Molecular cloning and functional expression of Cav 3.1c, a T-type calcium channel from human brain. <i>FEBS Letters</i> , 2000, 466, 54-58.	1.3	52
10	Mibefradil Potently Blocks ATP-Activated $K^+$ Channels in Adrenal Cells. <i>Molecular Pharmacology</i> , 1999, 56, 1192-1197.	1.0	47
11	Alternative splicing of the rat Cav 3.3 T-type calcium channel gene produces variants with distinct functional properties. <i>FEBS Letters</i> , 2002, 528, 272-278.	1.3	47
12	Bursting in Substantia Nigra Pars Reticulata Neurons In Vitro: Possible Relevance for Parkinson Disease. <i>Journal of Neurophysiology</i> , 2007, 98, 2311-2323.	0.9	46
13	Characterization of the Gating Brake in the I-II Loop of Cav3.2 T-type $Ca^{2+}$ Channels. <i>Journal of Biological Chemistry</i> , 2008, 283, 8136-8144.	1.6	41
14	Adenosine Triphosphate Activates a Noninactivating $K^+$ Current in Adrenal Cortical Cells through Nonhydrolytic Binding. <i>Journal of General Physiology</i> , 1997, 110, 679-692.	0.9	38
15	Identification of a disulfide bridge essential for structure and function of the voltage-gated $Ca^{2+}$ channel $\hat{I}_{\pm 2\hat{I}^{-1}}$ auxiliary subunit. <i>Cell Calcium</i> , 2012, 51, 22-30.	1.1	38
16	The invasiveness of human cervical cancer associated to the function of $NaV1.6$ channels is mediated by MMP-2 activity. <i>Scientific Reports</i> , 2018, 8, 12995.	1.6	34
17	Effect of extracellular matrix on adhesion, viability, actin cytoskeleton and $K^+$ currents of cells expressing human ether $\hat{A}$ go-go channels. <i>Life Sciences</i> , 2007, 81, 255-265.	2.0	32
18	CDKN3 mRNA as a Biomarker for Survival and Therapeutic Target in Cervical Cancer. <i>PLoS ONE</i> , 2015, 10, e0137397.	1.1	32

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19	Contrasting Effects of Cd <sup>2+</sup> and Co <sup>2+</sup> on the Blocking/Unblocking of Human Cav3 Channels. <i>Journal of Membrane Biology</i> , 2005, 207, 91-105.	1.0	25
20	Niflumic acid blocks native and recombinant T-type channels. <i>Journal of Cellular Physiology</i> , 2012, 227, 2542-2555.	2.0	25
21	Pharmacological and nutritional targeting of voltage-gated sodium channels in the treatment of cancers. <i>IScience</i> , 2021, 24, 102270.	1.9	23
22	Contribution of voltage-gated sodium channel $\beta$ -subunits to cervical cancer cells metastatic behavior. <i>Cancer Cell International</i> , 2019, 19, 35.	1.8	19
23	Block of Human Ca <sub>v</sub> 3 Channels by the Diuretic Amiloride. <i>Molecular Pharmacology</i> , 2012, 82, 658-667.	1.0	8
24	Reciprocal Modulation of Voltage-Gated and Background K <sup>+</sup> Channels Mediated by Nucleotides and Corticotropin. <i>Molecular Pharmacology</i> , 2001, 60, 114-123.	1.0	7
25	Insulin-mediated upregulation of T-type Ca <sup>2+</sup> currents in GH3 cells is mediated by increased endosomal recycling and incorporation of surface membrane Cav3.1 channels. <i>Cell Calcium</i> , 2012, 52, 377-387.	1.1	7
26	Novel TASK channels inhibitors derived from dihydropyrrolo[2,1-a]isoquinoline. <i>Neuropharmacology</i> , 2014, 79, 28-36.	2.0	7
27	Modulation of I <sub>A</sub> Potassium Current in Adrenal Cortical Cells by a Series of Ten Lanthanide Elements. <i>Journal of Membrane Biology</i> , 1998, 164, 139-153.	1.0	6
28	Increase of CaV3 channel activity induced by HVA $\beta$ 1b-subunit is not mediated by a physical interaction. <i>BMC Research Notes</i> , 2018, 11, 810.	0.6	5
29	Postnatal decrease of sodium current density in rat pituitary melanotropes following the onset of dopaminergic innervation. <i>Neuroscience Letters</i> , 2001, 315, 137-140.	1.0	4
30	Contribution of S4 segments and S4-S5 linkers to the low-voltage activation properties of T-type CaV3.3 channels. <i>PLoS ONE</i> , 2018, 13, e0193490.	1.1	4
31	Corrigendum to: Molecular cloning and functional expression of Cav 3.1c, a T-type calcium channel from human brain. <i>FEBS Letters</i> , 2000, 470, 378-378.	1.3	1
32	Interaction of MDIMP with the Voltage-Gated Calcium Channels. <i>Molecular Pharmacology</i> , 2020, 98, 211-221.	1.0	0