

Pedro Domínguez Luengo

List of Publications by Year in descending order

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32
papers

1,158
citations

430874

18
h-index

414414

32
g-index

33
all docs

33
docs citations

33
times ranked

1204
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted disruption of the biglycan gene leads to an osteoporosis-like phenotype in mice. <i>Nature Genetics</i> , 1998, 20, 78-82.	21.4	543
2	5-Aminolevulinate synthase mRNA levels in the Harderian gland of Syrian hamsters: Correlation with porphyrin concentrations and regulation by androgens and melatonin. <i>Molecular and Cellular Endocrinology</i> , 1991, 80, 177-182.	3.2	52
3	Demonstration of Physical Proximity between the N Terminus and the S4-S5 Linker of the Human ether- \bar{A} -go-go-related Gene (hERG) Potassium Channel. <i>Journal of Biological Chemistry</i> , 2011, 286, 19065-19075.	3.4	50
4	Cytoplasmic Domains and Voltage-Dependent Potassium Channel Gating. <i>Frontiers in Pharmacology</i> , 2012, 3, 49.	3.5	42
5	Gs Couples Thyrotropin-releasing Hormone Receptors Expressed in <i>Xenopus</i> Oocytes to Phospholipase C. <i>Journal of Biological Chemistry</i> , 1995, 270, 3554-3559.	3.4	35
6	Cloning of a Syrian hamster cDNA related to sexual dimorphism: establishment of a new family of proteins. <i>FEBS Letters</i> , 1995, 376, 257-261.	2.8	33
7	Thermodynamic and Kinetic Properties of Amino-Terminal and S4-S5 Loop HERG Channel Mutants under Steady-State Conditions. <i>Biophysical Journal</i> , 2008, 94, 3893-3911.	0.5	32
8	Na ⁺ /H ⁺ exchange is present in basolateral membranes from rabbit small intestine. <i>Biochemical and Biophysical Research Communications</i> , 1986, 134, 827-834.	2.1	31
9	Molecular Determinants of Interactions between the N-Terminal Domain and the Transmembrane Core That Modulate hERG K ⁺ Channel Gating. <i>PLoS ONE</i> , 2011, 6, e24674.	2.5	30
10	Gating mechanism of Kv11.1 (hERG) K ⁺ channels without covalent connection between voltage sensor and pore domains. <i>Pflügers Archiv European Journal of Physiology</i> , 2018, 470, 517-536.	2.8	28
11	New Structures and Gating of Voltage-Dependent Potassium (Kv) Channels and Their Relatives: A Multi-Domain and Dynamic Question. <i>International Journal of Molecular Sciences</i> , 2019, 20, 248.	4.1	28
12	Specificity of TRH receptor coupling to G-proteins for regulation of ERG K ⁺ channels in GH3rat anterior pituitary cells. <i>Journal of Physiology</i> , 2005, 566, 717-736.	2.9	24
13	The EAG Voltage-Dependent K ⁺ Channel Subfamily: Similarities and Differences in Structural Organization and Gating. <i>Frontiers in Pharmacology</i> , 2020, 11, 411.	3.5	24
14	FRET with multiply labeled HERG K ⁺ channels as a reporter of the in vivo coarse architecture of the cytoplasmic domains. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2008, 1783, 1681-1699.	4.1	21
15	The activation of adenylate cyclase from small intestinal epithelium by cholera toxin. <i>FEBS Journal</i> , 1985, 146, 533-538.	0.2	20
16	Mapping of interactions between the N- and C-termini and the channel core in HERG K ⁺ channels. <i>Biochemical Journal</i> , 2013, 451, 463-474.	3.7	20
17	Androgen regulation of gene expression in the Syrian hamster Harderian gland. <i>Molecular and Cellular Endocrinology</i> , 1994, 106, 81-89.	3.2	19
18	Protein kinase C from small intestine epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1986, 139, 875-882.	2.1	18

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19	Effects of Human Chorionic Gonadotropin and Progesterone Administration on Porphyrin Biosynthesis and Histology of the Harderian Glands in Male and Female Syrian Hamsters. <i>Biology of Reproduction</i> , 1992, 47, 307-315.	2.7	16
20	Interactions between the N-terminal tail and the gating machinery of hERG K ⁺ channels both in closed and open/inactive states. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 1747-1756.	2.8	15
21	Hormonal regulation of FHG22 mRNA in Syrian hamster Harderian glands: role of estradiol. <i>Molecular and Cellular Endocrinology</i> , 1996, 124, 87-96.	3.2	10
22	Participation of HERG channel cytoplasmic structures on regulation by the G protein-coupled TRH receptor. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 457, 1237-1252.	2.8	9
23	Relative positioning of Kv11.1 (hERG) K ⁺ channel cytoplasmic domain-located fluorescent tags toward the plasma membrane. <i>Scientific Reports</i> , 2018, 8, 15494.	3.3	9
24	Functional characterization of Kv11.1 (hERG) potassium channels split in the voltage-sensing domain. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 1069-1085.	2.8	8
25	Adenylate cyclase from rabbit small intestine: Activation by cholera toxin and interaction with calcium. <i>Archives of Biochemistry and Biophysics</i> , 1985, 239, 587-594.	3.0	7
26	Permeability properties of isolated enterocytes from rat small intestine. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1986, 889, 361-365.	4.1	7
27	Characterization and Cloning of Two Isoforms of Heteroglobin, a Novel Heterodimeric Glycoprotein of the Secretoglobin-Uteroglobin Family Showing Tissue-specific and Sex Differential Expression. <i>Journal of Biological Chemistry</i> , 2002, 277, 233-242.	3.4	7
28	Isolation and identification of sex-specific cDNA clones from the Syrian hamster Harderian gland. <i>Microscopy Research and Technique</i> , 1996, 34, 111-117.	2.2	6
29	ERK and RSK are necessary for TRH-induced inhibition of r-ERG potassium currents in rat pituitary GH 3 cells. <i>Cellular Signalling</i> , 2015, 27, 1720-1730.	3.6	5
30	Sequence Analysis and Androgen Regulation of MHG07 (Male Harderian Gland) mRNA in Male Hamster Harderian Gland. <i>General and Comparative Endocrinology</i> , 2000, 119, 132-139.	1.8	4
31	Cell type influences the molecular mechanisms involved in hormonal regulation of ERG K ⁺ channels. <i>Pflugers Archiv European Journal of Physiology</i> , 2012, 463, 685-702.	2.8	3
32	Hormonal regulation and characterisation of the aldehyde oxidase-like gene of hamster Harderian gland. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 112, 157-163.	2.5	2