Pedro DomÃ-nguez Luengo

List of Publications by Year
in descending order

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	The EAG Voltage-Dependent K+ Channel Subfamily: Similarities and Differences in Structural Organization and Gating. Frontiers in Pharmacology, 2020, 11, 411.	3.5	24
2	New Structures and Gating of Voltage-Dependent Potassium (Kv) Channels and Their Relatives: A Multi-Domain and Dynamic Question. International Journal of Molecular Sciences, 2019, 20, 248.	4.1	28
3	Gating mechanism of Kv11.1 (hERG) K+ channels without covalent connection between voltage sensor and pore domains. Pflugers Archiv European Journal of Physiology, 2018, 470, 517-536.	2.8	28
4	Functional characterization of Kv11.1 (hERG) potassium channels split in the voltage-sensing domain. Pflugers Archiv European Journal of Physiology, 2018, 470, 1069-1085.	2.8	8
5	Relative positioning of Kv11.1 (hERG) K+ channel cytoplasmic domain-located fluorescent tags toward the plasma membrane. Scientific Reports, 2018, 8, 15494.	3.3	9
6	Interactions between the N-terminal tail and the gating machinery of hERG K+ channels both in closed and open/inactive states. Pflugers Archiv European Journal of Physiology, 2015, 467, 1747-1756.	2.8	15
7	ERK and RSK are necessary for TRH-induced inhibition of r-ERG potassium currents in rat pituitary GH 3 cells. Cellular Signalling, 2015, 27, 1720-1730.	3.6	5
8	Mapping of interactions between the N- and C-termini and the channel core in HERG K+ channels. Biochemical Journal, 2013, 451, 463-474.	3.7	20
9	Cytoplasmic Domains and Voltage-Dependent Potassium Channel Gating. Frontiers in Pharmacology, 2012, 3, 49.	3.5	42
10	Cell type influences the molecular mechanisms involved in hormonal regulation of ERG K+ channels. Pflugers Archiv European Journal of Physiology, 2012, 463, 685-702.	2.8	3
11	Molecular Determinants of Interactions between the N-Terminal Domain and the Transmembrane Core That Modulate hERG K+ Channel Gating. PLoS ONE, 2011, 6, e24674.	2.5	30
12	Demonstration of Physical Proximity between the N Terminus and the S4-S5 Linker of the Human ether-Ã-go-go-related Gene (hERG) Potassium Channel. Journal of Biological Chemistry, 2011, 286, 19065-19075.	3.4	50
13	Participation of HERG channel cytoplasmic structures on regulation by the G protein-coupled TRH receptor. Pflugers Archiv European Journal of Physiology, 2009, 457, 1237-1252.	2.8	9
14	FRET with multiply labeled HERG K+ channels as a reporter of the in vivo coarse architecture of the cytoplasmic domains. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 1681-1699.	4.1	21
15	Thermodynamic and Kinetic Properties of Amino-Terminal and S4-S5 Loop HERG Channel Mutants under Steady-State Conditions. Biophysical Journal, 2008, 94, 3893-3911.	0.5	32
16	Hormonal regulation and characterisation of the aldehyde oxidase-like gene of hamster Harderian gland. Journal of Steroid Biochemistry and Molecular Biology, 2008, 112, 157-163.	2.5	2
17	Specificity of TRH receptor coupling to G-proteins for regulation of ERG K+channels in GH3rat anterior pituitary cells. Journal of Physiology, 2005, 566, 717-736.	2.9	24
18	Characterization and Cloning of Two Isoforms of Heteroglobin, a Novel Heterodimeric Glycoprotein of the Secretoglobin-Uteroglobin Family Showing Tissue-specific and Sex Differential Expression. Journal of Biological Chemistry, 2002, 277, 233-242.	3.4	7

#	Article	IF	Citations
19	Sequence Analysis and Androgen Regulation of MHG07 (Male Harderian Gland) mRNA in Male Hamster Harderian Gland. General and Comparative Endocrinology, 2000, 119, 132-139.	1.8	4
20	Targeted disruption of the biglycan gene leads to an osteoporosis-like phenotype in mice. Nature Genetics, 1998, 20, 78-82.	21.4	543
21	Hormonal regulation of FHG22 mRNA in Syrian hamster Harderian glands: role of estradiol. Molecular and Cellular Endocrinology, 1996, 124, 87-96.	3.2	10
22	Isolation and identification of sex-specific cDNA clones from the Syrian hamster Harderian gland. Microscopy Research and Technique, 1996, 34, 111-117.	2.2	6
23	Gs Couples Thyrotropin-releasing Hormone Receptors Expressed in Xenopus Oocytes to Phospholipase C. Journal of Biological Chemistry, 1995, 270, 3554-3559.	3.4	35
24	Cloning of a Syrian hamster cDNA related to sexual dimorphism: establishment of a new family of proteins. FEBS Letters, 1995, 376, 257-261.	2.8	33
25	Androgen regulation of gene expression in the Syrian hamster Harderian gland. Molecular and Cellular Endocrinology, 1994, 106, 81-89.	3.2	19
26	Effects of Human Chorionic Gonadotropin and Progesterone Administration on Porphyrin Biosynthesis and Histology of the Harderian Glands in Male and Female Syrian Hamsters1. Biology of Reproduction, 1992, 47, 307-315.	2.7	16
27	5-Aminolevulinate synthase mRNA levels in the Harderian gland of Syrian hamsters: Correlation with porphyrin concentrations and regulation by androgens and melatonin. Molecular and Cellular Endocrinology, 1991, 80, 177-182.	3.2	52
28	Protein kinase C from small intestine epithelial cells. Biochemical and Biophysical Research Communications, 1986, 139, 875-882.	2.1	18
29	Na+/H+ exchange is present in basolateral membranes from rabbit small intestine. Biochemical and Biophysical Research Communications, 1986, 134, 827-834.	2.1	31
30	Permeability properties of isolated enterocytes from rat small intestine. Biochimica Et Biophysica Acta - Molecular Cell Research, 1986, 889, 361-365.	4.1	7
31	The activation of adenylate cyclase from small intestinal epithelium by cholera toxin. FEBS Journal, 1985, 146, 533-538.	0.2	20
32	Adenylate cyclase from rabbit small intestine: Activation by cholera toxin and interaction with calcium. Archives of Biochemistry and Biophysics, 1985, 239, 587-594.	3.0	7