

Paolo Tammaro

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

785
citations

623188

14
h-index

580395

25
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28
all docs

28
docs citations

28
times ranked

931
citing authors

#	ARTICLE	IF	CITATIONS
1	TMEM16A/Anoctamin 1 protein mediates calcium-activated chloride currents in pulmonary arterial smooth muscle cells. <i>Journal of Physiology</i> , 2010, 588, 2305-2314.	1.3	149
2	The structural basis of lipid scrambling and inactivation in the endoplasmic reticulum scramblase TMEM16K. <i>Nature Communications</i> , 2019, 10, 3956.	5.8	101
3	Kir6.2 mutations causing neonatal diabetes provide new insights into Kir6.2-SUR1 interactions. <i>EMBO Journal</i> , 2005, 24, 2318-2330.	3.5	63
4	Contrasting effects of phosphatidylinositol 4,5-bisphosphate on cloned TMEM16A and TMEM16B channels. <i>British Journal of Pharmacology</i> , 2017, 174, 2984-2999.	2.7	50
5	Pharmacological evidence for a key role of voltage-gated K ⁺ channels in the function of rat aortic smooth muscle cells. <i>British Journal of Pharmacology</i> , 2004, 143, 303-317.	2.7	47
6	The Ca ²⁺ -gated channel TMEM16A amplifies capillary pericyte contraction and reduces cerebral blood flow after ischemia. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	46
7	Putative pore-loops of TMEM16/anoctamin channels affect channel density in cell membranes. <i>Journal of Physiology</i> , 2013, 591, 3487-3505.	1.3	39
8	Autosomal Dominant Hypercalciuria in a Mouse Model Due to a Mutation of the Epithelial Calcium Channel, TRPV5. <i>PLoS ONE</i> , 2013, 8, e55412.	1.1	35
9	Disease-causing mutations associated with four bestrophinopathies exhibit disparate effects on the localization, but not the oligomerization, of Bestrophin-1. <i>Experimental Eye Research</i> , 2014, 121, 74-85.	1.2	34
10	Functional effects of naturally occurring KCNJ11 mutations causing neonatal diabetes on cloned cardiac KATP channels. <i>Journal of Physiology</i> , 2006, 571, 3-14.	1.3	32
11	Modulation of the voltage-dependent K current by intracellular Mg in rat aortic smooth muscle cells. <i>Cardiovascular Research</i> , 2005, 65, 387-396.	1.8	24
12	Coronary spasm and acute myocardial infarction due to a mutation (V734I) in the nucleotide binding domain 1 of ABCC9. <i>International Journal of Cardiology</i> , 2013, 168, 3506-3513.	0.8	24
13	Mechanism of allosteric activation of TMEM16A/ANO1 channels by a commonly used chloride channel blocker. <i>British Journal of Pharmacology</i> , 2016, 173, 511-528.	2.7	19
14	Xenopus Oocytes as a Heterologous Expression System for Studying Ion Channels with the Patch-Clamp Technique. <i>Methods in Molecular Biology</i> , 2008, 491, 127-139.	0.4	18
15	An outer-pore gate modulates the pharmacology of the TMEM16A channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	15
16	Effects of intracellular magnesium on Kv1.5 and Kv2.1 potassium channels. <i>European Biophysics Journal</i> , 2005, 34, 42-51.	1.2	13
17	Defining the ionic mechanisms of optogenetic control of vascular tone by channelrhodopsin-2. <i>British Journal of Pharmacology</i> , 2018, 175, 2028-2045.	2.7	12
18	The pharmacology of the TMEM16A channel: therapeutic opportunities. <i>Trends in Pharmacological Sciences</i> , 2022, 43, 712-725.	4.0	11

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19	A mutation in the ATP-binding site of the Kir6.2 subunit of the K _{ATP} channel alters coupling with the SUR2A subunit. <i>Journal of Physiology</i> , 2007, 584, 743-753.	1.3	8
20	Polymodal Control of TMEM16x Channels and Scramblases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1580.	1.8	8
21	The Kir6.2-F333I mutation differentially modulates KATP channels composed of SUR1 or SUR2 subunits. <i>Journal of Physiology</i> , 2007, 581, 1259-1269.	1.3	7
22	Ion channels as convergence points in the pathology of pulmonary arterial hypertension. <i>Biochemical Society Transactions</i> , 2021, 49, 1855-1865.	1.6	7
23	Vascular K _{ATP} channels: dephosphorylation and deactivation. <i>British Journal of Pharmacology</i> , 2009, 157, 551-553.	2.7	3
24	Neonatal Diabetes. , 2007, 11, 70-82.		2
25	A cytosolic factor that inhibits K _{ATP} channels expressed in <i>Xenopus</i> oocytes by impairing Mg-nucleotide activation by SUR1. <i>Journal of Physiology</i> , 2009, 587, 1649-1656.	1.3	2
26	Parametrisation of the free energy of ATP binding to wild-type and mutant Kir6.2 potassium channels. <i>Biophysical Chemistry</i> , 2013, 171, 76-83.	1.5	2