

Anthony P Albert

List of Publications by Year in descending order

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40
papers

1,138
citations

430754

18
h-index

414303

32
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40
all docs

40
docs citations

40
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	MARCKS mediates vascular contractility through regulating interactions between voltage-gated Ca ²⁺ channels and PIP ₂ . <i>Vascular Pharmacology</i> , 2020, 132, 106776.	1.0	6
2	Obligatory role for PKC ζ in PIP ₂ -mediated activation of store-operated TRPC1 channels in vascular smooth muscle cells. <i>Journal of Physiology</i> , 2020, 598, 3911-3925.	1.3	10
3	Insights into Activation Mechanisms of Store-Operated TRPC1 Channels in Vascular Smooth Muscle Cells. <i>Channels</i> , 2020, 9, 179.	1.8	10
4	Heteromeric TRPV4/TRPC1 channels mediate calcium-sensing receptor-induced relaxations and nitric oxide production in mesenteric arteries: comparative study using wild-type and TRPC1 ^{-/-} mice. <i>Channels</i> , 2019, 13, 410-423.	1.5	12
5	Evidence that Orai1 does not contribute to store-operated TRPC1 channels in vascular smooth muscle cells. <i>Channels</i> , 2017, 11, 329-339.	1.5	18
6	Heteromeric TRPV4/TRPC1 channels mediate calcium-sensing receptor-induced nitric oxide production and vasorelaxation in rabbit mesenteric arteries. <i>Vascular Pharmacology</i> , 2017, 96-98, 53-62.	1.0	40
7	Store-operated interactions between plasmalemmal STIM1 and TRPC1 proteins stimulate PLC β 1 to induce TRPC1 channel activation in vascular smooth muscle cells. <i>Journal of Physiology</i> , 2017, 595, 1039-1058.	1.3	35
8	The calcilytics Calhex-231 and NPS 2143 and the calcimimetic Calindol reduce vascular reactivity via inhibition of voltage-gated Ca ²⁺ channels. <i>European Journal of Pharmacology</i> , 2016, 791, 659-668.	1.7	15
9	Stimulation of calcium-sensing receptors induces endothelium-dependent vasorelaxations via nitric oxide production and activation of IKCa channels. <i>Vascular Pharmacology</i> , 2016, 80, 75-84.	1.0	34
10	Store depletion induces G β q-mediated PLC β 1 activity to stimulate TRPC1 channels in vascular smooth muscle cells. <i>FASEB Journal</i> , 2016, 30, 702-715.	0.2	25
11	Myristoylated alanine-rich C kinase substrate coordinates native TRPC1 channel activation by phosphatidylinositol 4,5-bisphosphate and protein kinase C in vascular smooth muscle. <i>FASEB Journal</i> , 2014, 28, 244-255.	0.2	26
12	Vascular smooth muscle cells from small human omental arteries express P2X1 and P2X4 receptor subunits. <i>Purinergic Signalling</i> , 2014, 10, 565-572.	1.1	11
13	ATP-Evoked Sustained Vasoconstrictions Mediated by Heteromeric P2X1/4 Receptors in Cerebral Arteries. <i>Stroke</i> , 2014, 45, 2444-2450.	1.0	15
14	Potent vasorelaxant activity of the TMEM16A inhibitor T16A _{inh} . <i>British Journal of Pharmacology</i> , 2013, 168, 773-784.	2.7	81
15	Hormone-stimulated modulation of endocytic trafficking in osteoclasts. <i>Frontiers in Endocrinology</i> , 2012, 3, 103.	1.5	4
16	Urocortin is a novel regulator of osteoclast differentiation and function through inhibition of a canonical transient receptor potential 1-like cation channel. <i>Journal of Endocrinology</i> , 2012, 212, 187-197.	1.2	17
17	TRPC1 proteins confer PKC and phosphoinositol activation on native heteromeric TRPC1/C5 channels in vascular smooth muscle: comparative study of wild-type and TRPC1 ^{-/-} mice. <i>FASEB Journal</i> , 2012, 26, 409-419.	0.2	49
18	Pharmacological profile of phosphatidylinositol 3-kinases and related phosphatidylinositols mediating endothelin _A receptor-operated native TRPC channels in rabbit coronary artery myocytes. <i>British Journal of Pharmacology</i> , 2012, 166, 2161-2175.	2.7	14

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19	Gating Mechanisms of Canonical Transient Receptor Potential Channel Proteins: Role of Phosphoinositols and Diacylglycerol. <i>Advances in Experimental Medicine and Biology</i> , 2011, 704, 391-411.	0.8	46
20	Ins(1,4,5)P ₃ interacts with PIP ₂ to regulate activation of TRPC6/C7 channels by diacylglycerol in native vascular myocytes. <i>Journal of Physiology</i> , 2010, 588, 1419-1433.	1.3	45
21	Identification of Canonical Transient Receptor Potential (TRPC) Channel Proteins in Native Vascular Smooth Muscle Cells. <i>Current Medicinal Chemistry</i> , 2009, 16, 1158-1165.	1.2	32
22	Role of phosphoinositol 4,5-bisphosphate and diacylglycerol in regulating native TRPC channel proteins in vascular smooth muscle. <i>Cell Calcium</i> , 2009, 45, 574-582.	1.1	68
23	Obligatory role for phosphatidylinositol 4,5-bisphosphate in activation of native TRPC1 store-operated channels in vascular myocytes. <i>Journal of Physiology</i> , 2009, 587, 531-540.	1.3	38
24	Activation of native TRPC1/C5/C6 channels by endothelin-1 is mediated by both PIP ₃ and PIP ₂ in rabbit coronary artery myocytes. <i>Journal of Physiology</i> , 2009, 587, 5361-5375.	1.3	68
25	Obligatory role for phosphatidylinositol 4, 5-bisphosphate (PIP ₂) in activating native TRPC store-operated channels (SOCs) in vascular myocytes. <i>FASEB Journal</i> , 2009, 23, 1018.4.	0.2	0
26	Inositol 1,4,5-trisphosphate (IP ₃) rescued TRPC channel activity from inhibition by phosphatidylinositol 4,5-bisphosphate (PIP ₂) in vascular myocytes. <i>FASEB Journal</i> , 2009, 23, 1018.3.	0.2	0
27	Diverse properties of store-operated TRPC channels activated by protein kinase C in vascular myocytes. <i>Journal of Physiology</i> , 2008, 586, 2463-2476.	1.3	96
28	Inhibition of native TRPC6 channel activity by phosphatidylinositol 4,5-bisphosphate in mesenteric artery myocytes. <i>Journal of Physiology</i> , 2008, 586, 3087-3095.	1.3	48
29	Diverse TRPC heteromultimers form store-operated channels in native vascular smooth muscle preparations. <i>FASEB Journal</i> , 2008, 22, .	0.2	0
30	Phosphatidylinositol 4, 5-bisphosphate has an inhibitory action on native TRPC6 activity in arterial myocytes. <i>FASEB Journal</i> , 2008, 22, 965.21.	0.2	0
31	Lipopolysaccharides modify amiloride-sensitive Na ⁺ transport processes across H441 lung epithelial cells. <i>FASEB Journal</i> , 2008, 22, 934.2.	0.2	0
32	Multiple activation mechanisms of store-operated TRPC channels in smooth muscle cells. <i>Journal of Physiology</i> , 2007, 583, 25-36.	1.3	87
33	Phenformin and AICAR decrease transepithelial Na ⁺ transport across human H441 lung epithelial cells by different mechanisms. <i>FASEB Journal</i> , 2007, 21, A954.	0.2	0
34	Modulation of cGMP-activated Ca ²⁺ -dependent Cl ⁻ channels (ICL(cGMP,Ca)) by protein kinase C (PKC) in rat mesenteric artery myocytes. <i>FASEB Journal</i> , 2007, 21, A541.	0.2	0
35	Endothelin-1 activates a cation conductance, with TRPC3/7 channel properties in rabbit coronary arteries. <i>FASEB Journal</i> , 2007, 21, A537.	0.2	0
36	Dual effect of calmodulin on store-operated Ca ²⁺ -permeable cation channels in rabbit portal vein myocytes. <i>British Journal of Pharmacology</i> , 2006, 148, 1001-1011.	2.7	8

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37	Signal transduction pathways and gating mechanisms of native TRP-like cation channels in vascular myocytes. <i>Journal of Physiology</i> , 2006, 570, 45-51.	1.3	72
38	TRPC3 properties of a native constitutively active Ca ²⁺ -permeable cation channel in rabbit ear artery myocytes. <i>Journal of Physiology</i> , 2006, 571, 361-369.	1.3	83
39	Activation of TRPC6 channel proteins: evidence for an essential role of phosphorylation. <i>Journal of Physiology</i> , 2004, 561, 354-354.	1.3	8
40	The effect of 5-HT and selective 5-HT receptor agonists and antagonists on rat dorsal vagal preganglionic neurones <i>in vitro</i> . <i>British Journal of Pharmacology</i> , 1996, 119, 519-526.	2.7	17