Anthony P Albert

List of Publications by Year
in descending order

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40 papers	1,138 citations	430874 18 h-index	414414 32 g-index
40 all docs	40 docs citations	40 times ranked	1100 citing authors

#	Article	IF	Citations
1	Diverse properties of storeâ€operated TRPC channels activated by protein kinase C in vascular myocytes. Journal of Physiology, 2008, 586, 2463-2476.	2.9	96
2	Multiple activation mechanisms of storeâ€operated TRPC channels in smooth muscle cells. Journal of Physiology, 2007, 583, 25-36.	2.9	87
3	TRPC3 properties of a native constitutively active Ca2+-permeable cation channel in rabbit ear artery myocytes. Journal of Physiology, 2006, 571, 361-369.	2.9	83
4	Potent vasorelaxant activity of the <scp>TMEM16A</scp> inhibitor <scp>T16A_{inh}â€A01</scp>. British Journal of Pharmacology, 2013, 168, 773-784.	5.4	81
5	Signal transduction pathways and gating mechanisms of native TRPâ€like cation channels in vascular myocytes. Journal of Physiology, 2006, 570, 45-51.	2.9	72
6	Role of phosphoinositol 4,5-bisphosphate and diacylglycerol in regulating native TRPC channel proteins in vascular smooth muscle. Cell Calcium, 2009, 45, 574-582.	2.4	68
7	Activation of native TRPC1/C5/C6 channels by endothelinâ€1 is mediated by both PIP₃ and PIP₂ in rabbit coronary artery myocytes. Journal of Physiology, 2009, 587, 5361-5375.	2.9	68
8	TRPC1 proteins confer PKC and phosphoinositol activation on native heteromeric TRPC1/C5 channels in vascular smooth muscle: comparative study of wildâ€type and TRPC1 â^'/â^' mice. FASEB Journal, 2012, 26, 409-419.	0.5	49
9	Inhibition of native TRPC6 channel activity by phosphatidylinositol 4,5â€bisphosphate in mesenteric artery myocytes. Journal of Physiology, 2008, 586, 3087-3095.	2.9	48
10	Gating Mechanisms of Canonical Transient Receptor Potential Channel Proteins: Role of Phosphoinositols and Diacylglycerol. Advances in Experimental Medicine and Biology, 2011, 704, 391-411.	1.6	46
11	Ins(1,4,5)P₃ interacts with PIP₂ to regulate activation of TRPC6/C7 channels by diacylglycerol in native vascular myocytes. Journal of Physiology, 2010, 588, 1419-1433.	2.9	45
12	Heteromeric TRPV4/TRPC1 channels mediate calcium-sensing receptor-induced nitric oxide production and vasorelaxation in rabbit mesenteric arteries. Vascular Pharmacology, 2017, 96-98, 53-62.	2.1	40
13	Obligatory role for phosphatidylinositol 4,5â€bisphosphate in activation of native TRPC1 storeâ€operated channels in vascular myocytes. Journal of Physiology, 2009, 587, 531-540.	2.9	38
14	Storeâ€operated interactions between plasmalemmal STIM1 and TRPC1 proteins stimulate PLCÎ²1 to induce TRPC1 channel activation in vascular smooth muscle cells. Journal of Physiology, 2017, 595, 1039-1058.	2.9	35
15	Stimulation of calcium-sensing receptors induces endothelium-dependent vasorelaxations via nitric oxide production and activation of IKCa channels. Vascular Pharmacology, 2016, 80, 75-84.	2.1	34
16	Identification of Canonical Transient Receptor Potential (TRPC) Channel Proteins in Native Vascular Smooth Muscle Cells. Current Medicinal Chemistry, 2009, 16, 1158-1165.	2.4	32
17	Myristoylated alanineâ€rich C kinase substrate coordinates native TRPC1 channel activation by phosphatidylinositol 4,5â€bisphosphate and protein kinase C in vascular smooth muscle. FASEB Journal, 2014, 28, 244-255.	0.5	26
18	Store depletion induces Gα qâ€mediated PLCÎ²1 activity to stimulate TRPC1 channels in vascular smooth muscle cells. FASEB Journal, 2016, 30, 702-715.	0.5	25

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19	Evidence that Orai1 does not contribute to store-operated TRPC1 channels in vascular smooth muscle cells. Channels, 2017, 11, 329-339.	2.8	18
20	The effect of 5â€HT and selective 5â€HT receptor agonists and antagonists on rat dorsal vagal preganglionic neurones in vitro. British Journal of Pharmacology, 1996, 119, 519-526.	5.4	17
21	Urocortin is a novel regulator of osteoclast differentiation and function through inhibition of a canonical transient receptor potential 1-like cation channel. Journal of Endocrinology, 2012, 212, 187-197.	2.6	17
22	ATP-Evoked Sustained Vasoconstrictions Mediated by Heteromeric P2X1/4 Receptors in Cerebral Arteries. Stroke, 2014, 45, 2444-2450.	2.0	15
23	The calcilytics Calhex-231 and NPS 2143 and the calcimimetic Calindol reduce vascular reactivity via inhibition of voltage-gated Ca2+ channels. European Journal of Pharmacology, 2016, 791, 659-668.	3.5	15
24	Pharmacological profile of phosphatidylinositol 3â€kinases and related phosphatidylinositols mediating endothelin_A receptorâ€operated native TRPC channels in rabbit coronary artery myocytes. British Journal of Pharmacology, 2012, 166, 2161-2175.	5.4	14
25	Heteromeric TRPV4/TRPC1 channels mediate calcium-sensing receptor-induced relaxations and nitric oxide production in mesenteric arteries: comparative study using wild-type and TRPC1^{â^'/-} mice. Channels, 2019, 13, 410-423.	2.8	12
26	Vascular smooth muscle cells from small human omental arteries express P2X1 and P2X4 receptor subunits. Purinergic Signalling, 2014, 10, 565-572.	2.2	11
27	Obligatory role for PKCÎ´ in PIP 2 â€mediated activation of storeâ€operated TRPC1 channels in vascular smooth muscle cells. Journal of Physiology, 2020, 598, 3911-3925.	2.9	10
28	Insights into Activation Mechanisms of Store-Operated TRPC1 Channels in Vascular Smooth Muscle. Cells, 2020, 9, 179.	4.1	10
29	Activation of TRPC6 channel proteins: evidence for an essential role of phosphorylation. Journal of Physiology, 2004, 561, 354-354.	2.9	8
30	Dual effect of calmodulin on store-operated Ca2+ -permeable cation channels in rabbit portal vein myocytes. British Journal of Pharmacology, 2006, 148, 1001-1011.	5.4	8
31	MARCKS mediates vascular contractility through regulating interactions between voltage-gated Ca2+ channels and PIP2. Vascular Pharmacology, 2020, 132, 106776.	2.1	6
32	Hormone-stimulated modulation of endocytic trafficking in osteoclasts. Frontiers in Endocrinology, 2012, 3, 103.	3.5	4
33	Phenformin and AICAR decrease transepithelial Na+ transport across human H441 lung epithelial cells by different mechanisms. FASEB Journal, 2007, 21, A954.	0.5	0
34	Modulation of cGMPâ€activated Ca2+â€dependent Clâ^' channels (ICl(cGMP,Ca)) by protein kinase C (PKC) in rat mesenteric artery myocytes. FASEB Journal, 2007, 21, A541.	0.5	0
35	Endothelinâ€“1 activates a cation conductance, with TRPC3/7 channel properties in rabbit coronary arteries. FASEB Journal, 2007, 21, A537.	0.5	0
36	Diverse TRPC heteromultimers form storeâ€operated channels in native vascular smooth muscle preparations. FASEB Journal, 2008, 22, .	0.5	0

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37	Phosphatidylinositolâ€4, 5â€bisphosphate has an inhibitory action on native TRPC6 activity in arterial myocytes. FASEB Journal, 2008, 22, 965.21.	0.5	0
38	Lipopolysaccharides modify amilorideâ€sensitive Na + transport processes across H441 lung epithelial cells. FASEB Journal, 2008, 22, 934.2.	0.5	0
39	Obligatory role for phosphatidylinositol 4, 5â€bisphosphate (PIP2) in activating native TRPC storeâ€operated channels (SOCs) in vascular myocytes. FASEB Journal, 2009, 23, 1018.4.	0.5	0
40	Inositol 1,4,5â€trisphosphate (IP3) rescued TRPC channel activity from inhibition by phosphatidylinositol 4,5â€bisphosphate (PIP2) in vascular myocytes. FASEB Journal, 2009, 23, 1018.3.	0.5	0