

Colin W Taylor

List of Publications by Year in descending order

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206
papers

9,324
citations

43741

48
h-index

59438

82
g-index

231
all docs

231
docs citations

231
times ranked

8153
citing authors

#	ARTICLE	IF	CITATIONS
1	KRAP regulates mitochondrial Ca ²⁺ uptake by licensing IP ₃ receptor activity and stabilizing ER-mitochondrial junctions. <i>Journal of Cell Science</i> , 2024, 137, .	2.1	0
2	iRhom pseudoproteases regulate ER stress-induced cell death through IP ₃ receptors and BCL-2. <i>Nature Communications</i> , 2022, 13, 1257.	13.2	15
3	The store-operated Ca ²⁺ entry complex comprises a small cluster of STIM1 associated with one Orai1 channel. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.6	17
4	A tribute to Professor Sir Michael J. Berridge FRS (1938-2020). <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119014.	4.1	2
5	KRAP tethers IP ₃ receptors to actin and licenses them to evoke cytosolic Ca ²⁺ signals. <i>Nature Communications</i> , 2021, 12, 4514.	13.2	32
6	P2X4 Receptors Mediate Ca ²⁺ Release from Lysosomes in Response to Stimulation of P2X7 and H1 Histamine Receptors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10492.	4.2	6
7	Quantal Ca ²⁺ release mediated by very few IP ₃ receptors that rapidly inactivate allows graded responses to IP ₃ . <i>Cell Reports</i> , 2021, 37, 109932.	6.3	7
8	Inositol Adenophostin: Convergent Synthesis of a Potent Agonist of <i>myo</i> -Inositol 1,4,5-Trisphosphate Receptors. <i>ACS Omega</i> , 2020, 5, 28793-28811.	3.6	5
9	Reliable measurement of free Ca ²⁺ concentrations in the ER lumen using Mag-Fluo-4. <i>Cell Calcium</i> , 2020, 87, 102188.	3.2	35
10	IP ₃ receptors and their intimate liaisons. <i>Current Opinion in Physiology</i> , 2020, 17, 9-16.	1.9	4
11	<i>chiro</i> -Inositol Ribophostin: A Highly Potent Agonist of <i>myo</i> -Inositol 1,4,5-Trisphosphate Receptors: Synthesis and Biological Activities. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 3238-3251.	6.6	11
12	Both <i>l</i> - and <i>glu</i> -Glucose Polyphosphates Mimic <i>myo</i> -Inositol 1,4,5-Trisphosphate: New Synthetic Agonists and Partial Agonists at the Ins(1,4,5)P ₃ Receptor. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 5442-5457.	6.6	9
13	Analyses of Ligand Binding to IP ₃ Receptors Using Fluorescence Polarization. <i>Methods in Molecular Biology</i> , 2020, 2091, 107-120.	0.0	0
14	Ca ²⁺ Release by IP ₃ Receptors Is Required to Orient the Mitotic Spindle. <i>Cell Reports</i> , 2020, 33, 108483.	6.3	11
15	A genetically encoded toolkit of functionalized nanobodies against fluorescent proteins for visualizing and manipulating intracellular signalling. <i>BMC Biology</i> , 2019, 17, 41.	3.9	39
16	Remodeling of ER-plasma membrane contact sites but not STIM1 phosphorylation inhibits Ca ²⁺ influx in mitosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10392-10401.	7.6	28
17	A synthetic cyclitol-nucleoside conjugate polyphosphate is a highly potent second messenger mimic. <i>Chemical Science</i> , 2019, 10, 5382-5390.	7.8	11
18	Structure and Function of IP ₃ Receptors. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a035063.	5.4	126

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19	IP3 receptors “ lessons from analyses <i>ex cellula</i> . Journal of Cell Science, 2019, 132, .	2.1	16
20	IP3 receptors and Ca ²⁺ entry. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1092-1100.	4.1	61
21	GPN does not release lysosomal Ca ²⁺ but evokes Ca ²⁺ release from the ER by increasing the cytosolic pH independently of cathepsin C. Journal of Cell Science, 2019, 132, .	2.1	28
22	Choline Is an Intracellular Messenger Linking Extracellular Stimuli to IP3-Evoked Ca ²⁺ Signals through Sigma-1 Receptors. Cell Reports, 2019, 26, 330-337.e4.	6.3	52
23	IP3 receptors and store-operated Ca ²⁺ entry: a license to fill. Current Opinion in Cell Biology, 2019, 57, 1-7.	5.6	39
24	Selective inhibition of histamine-evoked Ca ²⁺ signals by compartmentalized cAMP in human bronchial airway smooth muscle cells. Cell Calcium, 2018, 71, 53-64.	3.2	20
25	Immobile IP3 Receptor Clusters: Building Blocks for IP3-Evoked Ca ²⁺ Signals. Messenger (Los Angeles,) Tj ETQq1 1 0.784314 rgBT /Over	0.1	
26	IP3 Receptors Preferentially Associate with ER-Lysosome Contact Sites and Selectively Deliver Ca ²⁺ to Lysosomes. Cell Reports, 2018, 25, 3180-3193.e7.	6.3	133
27	Effective Glucose Uptake by Human Astrocytes Requires Its Sequestration in the Endoplasmic Reticulum by Glucose-6-Phosphatase- ¹² . Current Biology, 2018, 28, 3481-3486.e4.	4.0	32
28	A synthetic diphosphoinositol phosphate analogue of inositol trisphosphate. MedChemComm, 2018, 9, 1105-1113.	3.4	7
29	All three IP3 receptor subtypes generate Ca ²⁺ puffs, the universal building blocks of IP3-evoked Ca ²⁺ signals. Journal of Cell Science, 2018, 131, .	2.1	39
30	Cyclic AMP Recruits a Discrete Intracellular Ca ²⁺ Store by Unmasking Hypersensitive IP 3 Receptors. Cell Reports, 2017, 18, 711-722.	6.3	21
31	Regulation of IP3 receptors by cyclic AMP. Cell Calcium, 2017, 63, 48-52.	3.2	75
32	Prostaglandin E ₂ Inhibits Histamine-Evoked Ca ²⁺ Release in Human Aortic Smooth Muscle Cells through Hyperactive cAMP Signaling Junctions and Protein Kinase A. Molecular Pharmacology, 2017, 92, 533-545.	2.3	10
33	Endogenous signalling pathways and caged IP3 evoke Ca ²⁺ puffs at the same abundant immobile intracellular sites. Journal of Cell Science, 2017, 130, 3728-3739.	2.1	28
34	ATP evokes Ca ²⁺ signals in cultured foetal human cortical astrocytes entirely through G protein-coupled P2Y receptors. Journal of Neurochemistry, 2017, 142, 876-885.	4.0	19
35	Ca ²⁺ signals initiate at immobile IP3 receptors adjacent to ER-plasma membrane junctions. Nature Communications, 2017, 8, 1505.	13.2	127
36	Mutant IP3 receptors attenuate store-operated Ca ²⁺ entry by destabilizing STIM-Orai interactions in <i>Drosophila</i> neurons. Journal of Cell Science, 2016, 129, 3903-3910.	2.1	35

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37	IP ₃ receptors: Take four IP ₃ to open. <i>Science Signaling</i> , 2016, 9, pe1.	5.1	71
38	Inositol 1,4,5-trisphosphate receptors and their protein partners as signalling hubs. <i>Journal of Physiology</i> , 2016, 594, 2849-2866.	2.9	125
39	Sigma1 receptors inhibit store-operated Ca ²⁺ entry by attenuating coupling of STIM1 to Orai1. <i>Journal of Cell Biology</i> , 2016, 213, 65-79.	5.2	81
40	Synthesis of dimeric analogs of adenophostin A that potently evoke Ca ²⁺ release through IP ₃ receptors. <i>RSC Advances</i> , 2016, 6, 86346-86351.	3.7	7
41	Chemerin Elicits Potent Constrictor Actions via Chemokine-Like Receptor 1 (CMKLR1), not G-protein-Coupled Receptor 1 (GPR1), in Human and Rat Vasculature. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.9	68
42	Synthesis of inositol phosphate-based competitive antagonists of inositol 1,4,5-trisphosphate receptors. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2504-2514.	2.9	5
43	Sigma1 receptors inhibit store-operated Ca ²⁺ entry by attenuating coupling of STIM1 to Orai1. <i>Journal of General Physiology</i> , 2016, 147, 1475OIA26.	1.9	0
44	Sustained signalling by PTH modulates IP ₃ accumulation and IP ₃ receptors via cyclic AMP junctions. <i>Journal of Cell Science</i> , 2015, 128, 408-20.	2.1	7
45	Microtubule-Associated Protein EB3 Regulates IP ₃ Receptor Clustering and Ca ²⁺ Signaling in Endothelial Cells. <i>Cell Reports</i> , 2015, 12, 79-89.	6.3	36
46	Fluorescence methods for analysis of interactions between Ca ²⁺ signaling, lysosomes, and endoplasmic reticulum. <i>Methods in Cell Biology</i> , 2015, 126, 237-259.	2.1	0
47	Golgi Anti-apoptotic Proteins Are Highly Conserved Ion Channels That Affect Apoptosis and Cell Migration. <i>Journal of Biological Chemistry</i> , 2015, 290, 11785-11801.	3.5	36
48	Triazolophostins: a library of novel and potent agonists of IP ₃ receptors. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6698-6710.	2.9	11
49	Red fluorescent genetically encoded Ca ²⁺ indicators for use in mitochondria and endoplasmic reticulum. <i>Biochemical Journal</i> , 2014, 464, 13-22.	3.8	136
50	Reliable Encoding of Stimulus Intensities Within Random Sequences of Intracellular Ca ²⁺ Spikes. <i>Science Signaling</i> , 2014, 7, ra59.	5.1	105
51	Structural organization of signalling to and from IP ₃ receptors. <i>Biochemical Society Transactions</i> , 2014, 42, 63-70.	3.4	36
52	Rapid Recycling of Ca ²⁺ between IP ₃ -Sensitive Stores and Lysosomes. <i>PLoS ONE</i> , 2014, 9, e111275.	2.5	37
53	Lysosomes shape Ins(1,4,5)P ₃ -evoked Ca ²⁺ signals by selectively sequestering Ca ²⁺ released from the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2013, 126, 289-300.	2.1	123
54	High-Throughput Fluorescence Polarization Assay of Ligand Binding to IP ₃ Receptors. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot073080.	0.3	8

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55	High-Throughput Functional Assays of IP ₃ -Evoked Ca ²⁺ Release. Cold Spring Harbor Protocols, 2013, 2013, pdb.prot073072.	0.3	3
56	High-Throughput Analyses of IP ₃ Receptor Behavior. Cold Spring Harbor Protocols, 2013, 2013, pdb.top066100.	0.3	2
57	Activation of IP ₃ receptors requires an endogenous 1-8-14 calmodulin-binding motif. Biochemical Journal, 2013, 449, 39-49.	3.8	10
58	Subtype-selective regulation of IP ₃ receptors by thimerosal via cysteine residues within the IP ₃ -binding core and suppressor domain. Biochemical Journal, 2013, 451, 177-184.	3.8	22
59	Cyclic AMP directs IP ₃ -evoked Ca ²⁺ signalling to different intracellular Ca ²⁺ stores. Journal of Cell Science, 2013, 126, 2305-13.	2.1	24
60	CaBP1, a neuronal Ca ²⁺ sensor protein, inhibits inositol trisphosphate receptors by clamping intersubunit interactions. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8507-8512.	7.6	38
61	hGAAP promotes cell adhesion and migration via the stimulation of store-operated Ca ²⁺ entry and calpain 2. Journal of Cell Biology, 2013, 202, 699-713.	5.2	60
62	Human and Viral Golgi Anti-apoptotic Proteins (GAAPs) Oligomerize via Different Mechanisms and Monomeric GAAP Inhibits Apoptosis and Modulates Calcium. Journal of Biological Chemistry, 2013, 288, 13057-13067.	3.5	32
63	Stimulation of Inositol 1,4,5-Trisphosphate (IP ₃) Receptor Subtypes by Analogues of IP ₃ . PLoS ONE, 2013, 8, e54877.	2.5	25
64	Stimulation of Inositol 1,4,5-Trisphosphate (IP ₃) Receptor Subtypes by Adenophostin A and Its Analogues. PLoS ONE, 2013, 8, e58027.	2.5	16
65	A Bead Aggregation Assay for Detection of Low-Affinity Protein-Protein Interactions Reveals Interactions between N-Terminal Domains of Inositol 1,4,5-Trisphosphate Receptors. PLoS ONE, 2013, 8, e60609.	2.5	6
66	Identification and Analysis of Putative Homologues of Mechanosensitive Channels in Pathogenic Protozoa. PLoS ONE, 2013, 8, e66068.	2.5	60
67	Structural and functional conservation of key domains in InsP ₃ and ryanodine receptors. Nature, 2012, 483, 108-112.	36.2	163
68	P ₂ Y receptor subtypes evoke different Ca ²⁺ signals in cultured aortic smooth muscle cells. Purinergic Signalling, 2012, 8, 763-777.	2.5	21
69	Contribution of Phosphates and Adenine to the Potency of Adenophostins at the IP ₃ Receptor: Synthesis of All Possible Bisphosphates of Adenophostin A. Journal of Medicinal Chemistry, 2012, 55, 1706-1720.	6.6	22
70	Spatial organization of intracellular Ca ²⁺ signals. Seminars in Cell and Developmental Biology, 2012, 23, 172-180.	5.4	44
71	Analysis of IP ₃ receptors in and out of cells. Biochimica Et Biophysica Acta - General Subjects, 2012, 1820, 1214-1227.	2.5	15
72	From parathyroid hormone to cytosolic Ca ²⁺ signals. Biochemical Society Transactions, 2012, 40, 147-152.	3.4	23

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73	Intracellular Ca ²⁺ channels – A growing community. <i>Molecular and Cellular Endocrinology</i> , 2012, 353, 21-28.	3.3	19
74	Ca ²⁺ Signalling by IP ₃ Receptors. <i>Sub-Cellular Biochemistry</i> , 2012, 59, 1-34.	0.0	13
75	Identification and Analysis of Cation Channel Homologues in Human Pathogenic Fungi. <i>PLoS ONE</i> , 2012, 7, e42404.	2.5	29
76	Timescales of IP ₃ -Evoked Ca ²⁺ Spikes Emerge from Ca ²⁺ Puffs Only at the Cellular Level. <i>Biophysical Journal</i> , 2011, 101, 2638-2644.	0.5	49
77	Identification of Intracellular and Plasma Membrane Calcium Channel Homologues in Pathogenic Parasites. <i>PLoS ONE</i> , 2011, 6, e26218.	2.5	110
78	Rahman et al. reply. <i>Nature</i> , 2011, 478, E2-E3.	36.2	3
79	The endo-lysosomal system as an NAADP-sensitive acidic Ca ²⁺ store: Role for the two-pore channels. <i>Cell Calcium</i> , 2011, 50, 157-167.	3.2	60
80	Membrane Topology of NAADP-sensitive Two-pore Channels and Their Regulation by N-linked Glycosylation. <i>Journal of Biological Chemistry</i> , 2011, 286, 9141-9149.	3.5	58
81	Differential Distribution, Clustering, and Lateral Diffusion of Subtypes of the Inositol 1,4,5-Trisphosphate Receptor. <i>Journal of Biological Chemistry</i> , 2011, 286, 23378-23387.	3.5	41
82	Targeting of inositol 1,4,5-trisphosphate receptor to the endoplasmic reticulum by its first transmembrane domain. <i>Biochemical Journal</i> , 2010, 425, 61-74.	3.8	13
83	Three-dimensional structure of recombinant type 1 inositol 1,4,5-trisphosphate receptor. <i>Biochemical Journal</i> , 2010, 428, 483-489.	3.8	19
84	IP ₃ Receptors. , 2010, , 921-925.		0
85	IP ₃ Receptors: Toward Understanding Their Activation. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a004010-a004010.	5.4	244
86	An NAADP-gated Two-pore Channel Targeted to the Plasma Membrane Uncouples Triggering from Amplifying Ca ²⁺ Signals. <i>Journal of Biological Chemistry</i> , 2010, 285, 38511-38516.	3.5	156
87	Binding of Inositol 1,4,5-trisphosphate (IP ₃) and Adenophostin A to the N-Terminal region of the IP ₃ Receptor: Thermodynamic Analysis Using Fluorescence Polarization with a Novel IP ₃ Receptor Ligand. <i>Molecular Pharmacology</i> , 2010, 77, 995-1004.	2.3	37
88	Regulation of Inositol 1,4,5-Trisphosphate Receptors by cAMP Independent of cAMP-dependent Protein Kinase. <i>Journal of Biological Chemistry</i> , 2010, 285, 12979-12989.	3.5	46
89	Nuclear Patch-Clamp Recording from Inositol 1,4,5-Trisphosphate Receptors. <i>Methods in Cell Biology</i> , 2010, 99, 199-224.	2.1	7
90	Adenophostins. <i>Current Topics in Membranes</i> , 2010, 66, 209-233.	2.0	25

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91	Targeting and clustering of IP ₃ receptors: Key determinants of spatially organized Ca ²⁺ signals. <i>Chaos</i> , 2009, 19, 037102.	2.6	21
92	Functional Ryanodine Receptors in the Plasma Membrane of RINm5F Pancreatic Î ² -Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 5186-5194.	3.5	18
93	Clustering of InsP ₃ receptors by InsP ₃ retunes their regulation by InsP ₃ and Ca ²⁺ . <i>Nature</i> , 2009, 458, 655-659.	36.2	165
94	Synthetic partial agonists reveal key steps in IP ₃ receptor activation. <i>Nature Chemical Biology</i> , 2009, 5, 631-639.	8.0	69
95	IP ₃ receptors: some lessons from DT40 cells. <i>Immunological Reviews</i> , 2009, 231, 23-44.	6.1	45
96	Ca ²⁺ Channels on the Move. <i>Biochemistry</i> , 2009, 48, 12062-12080.	2.6	39
97	Activation of IP ₃ receptors by synthetic bisphosphate ligands. <i>Chemical Communications</i> , 2009, , 1204.	4.2	27
98	How Does Intracellular Ca ²⁺ Oscillate: By Chance or by the Clock?. <i>Biophysical Journal</i> , 2008, 94, 2404-2411.	0.5	170
99	2-Position Base-Modified Analogues of Adenophostin A as High-Affinity Agonists of the d-myo-Inositol Trisphosphate Receptor: In Vitro Evaluation and Molecular Modeling. <i>Journal of Organic Chemistry</i> , 2008, 73, 1682-1692.	3.3	19
100	Counting Functional Inositol 1,4,5-Trisphosphate Receptors into the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2008, 283, 751-755.	3.5	35
101	Selective coupling of type 6 adenylyl cyclase with type 2 IP ₃ receptors mediates direct sensitization of IP ₃ receptors by cAMP. <i>Journal of Cell Biology</i> , 2008, 183, 297-311.	5.2	95
102	A calmodulin antagonist reveals a calmodulin-independent interdomain interaction essential for activation of inositol 1,4,5-trisphosphate receptors. <i>Biochemical Journal</i> , 2008, 416, 243-253.	3.8	13
103	Regulation of Ca ²⁺ Entry Pathways by Both Limbs of the Phosphoinositide Pathway. <i>Novartis Foundation Symposium</i> , 2008, , 91-107.	0.0	3
104	Selective coupling of type 6 adenylyl cyclase with type 2 IP ₃ receptors mediates direct sensitization of IP ₃ receptors by cAMP. <i>Journal of General Physiology</i> , 2008, 132, i5-i5.	1.9	1
105	Targeting and Retention of Type 1 Ryanodine Receptors to the Endoplasmic Reticulum*. <i>Journal of Biological Chemistry</i> , 2007, 282, 23096-23103.	3.5	19
106	Guanophostin A: Synthesis and evaluation of a high affinity agonist of the d-myo-inositol 1,4,5-trisphosphate receptor. <i>Chemical Communications</i> , 2006, , 2015.	4.2	12
107	Design and Synthesis of 5â€-Deoxy-5â€-Phenyladenophostin A, a Highly Potent IP ₃ Receptor Ligand1. <i>Organic Letters</i> , 2006, 8, 1455-1458.	4.8	14
108	A Systematic Study of C-Glucoside Trisphosphates as myo-Inositol Trisphosphate Receptor Ligands. Synthesis of Î ² -C-Glucoside Trisphosphates Based on the Conformational Restriction Strategy. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1900-1909.	6.6	15

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109	Synthesis of Adenophostin A Analogues Conjugating an Aromatic Group at the 5â€-Position as Potent IP3 Receptor Ligands. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5750-5758.	6.6	22
110	Prostaglandin F2 \pm increases the sensitivity of the contractile proteins to Ca $^{2+}$ in human myometrium. <i>American Journal of Obstetrics and Gynecology</i> , 2006, 195, 1404-1406.	1.3	20
111	Store-operated Ca $^{2+}$ entry: a STIMulating stOrai. <i>Trends in Biochemical Sciences</i> , 2006, 31, 597-601.	7.5	39
112	Ca $^{2+}$ Entry Through Plasma Membrane IP3 Receptors. <i>Science</i> , 2006, 313, 229-233.	20.9	172
113	Different phospholipase-C-coupled receptors differentially regulate capacitative and non-capacitative Ca $^{2+}$ entry in A7r5 cells. <i>Biochemical Journal</i> , 2005, 389, 821-829.	3.8	31
114	Synthesis of 4,8-anhydro-d-glycero-d-ido-nonanitol 1,6,7-trisphosphate as a novel IP3 receptor ligand using a stereoselective radical cyclization reaction based on a conformational restriction strategy. <i>Tetrahedron</i> , 2005, 61, 3697-3707.	2.0	17
115	What's in store for Ca $^{2+}$ oscillations?. <i>Journal of Physiology</i> , 2005, 562, 645-645.	2.9	2
116	Rapid functional assays of recombinant IP3 receptors. <i>Cell Calcium</i> , 2005, 38, 45-51.	3.2	33
117	Long Lasting Inhibition of Adenylyl Cyclase Selectively Mediated by Inositol 1,4,5-Trisphosphate-evoked Calcium Release. <i>Journal of Biological Chemistry</i> , 2005, 280, 8936-8944.	3.5	10
118	Adenophostin A and analogues modified at the adenine moiety: synthesis, conformational analysis and biological activity. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 245.	2.9	25
119	Targeting of Inositol 1,4,5-Trisphosphate Receptors to the Endoplasmic Reticulum by Multiple Signals within Their Transmembrane Domains. <i>Journal of Biological Chemistry</i> , 2004, 279, 23797-23805.	3.5	38
120	IP3 receptors: the search for structure. <i>Trends in Biochemical Sciences</i> , 2004, 29, 210-219.	7.5	145
121	Effect of an oxytocin receptor antagonist and rho kinase inhibitor on the [Ca $^{++}$] $_i$ sensitivity of human myometrium. <i>American Journal of Obstetrics and Gynecology</i> , 2004, 190, 222-228.	1.3	45
122	Dimers of d-myo-Inositol 1,4,5-Trisphosphate:â€ Design, Synthesis, and Interaction with Ins(1,4,5)P3 Receptors. <i>Bioconjugate Chemistry</i> , 2004, 15, 278-289.	3.8	28
123	Regulation of capacitative and non-capacitative Ca $^{2+}$ entry in A7r5 vascular smooth muscle cells. <i>Biological Research</i> , 2004, 37, 641-5.	3.6	9
124	IP3 Receptors. , 2004, , 478-481.		0
125	Modulation of IP3-sensitive Ca $^{2+}$ release by 2,3-butanedione monoxime. <i>Pflugers Archiv European Journal of Physiology</i> , 2003, 445, 614-621.	2.8	7
126	Synthesis and Ca $^{2+}$ -Mobilizing Activity of Purine-Modified Mimics of Adenophostin A:â€ A Model for the Adenophostinâ€-Ins(1,4,5)P3 Receptor Interaction. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 4860-4871.	6.6	40

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127	Domain organization of the type 1 inositol 1,4,5-trisphosphate receptor as revealed by single-particle analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3936-3941.	7.6	88
128	Nitric oxide co-ordinates the activities of the capacitative and non-capacitative Ca ²⁺ -entry pathways regulated by vasopressin. <i>Biochemical Journal</i> , 2003, 370, 439-448.	3.8	54
129	IP3 Receptors. , 2003, , 41-43.		1
130	Fast Biphasic Regulation of Type 3 Inositol Trisphosphate Receptors by Cytosolic Calcium. <i>Journal of Biological Chemistry</i> , 2002, 277, 17571-17579.	3.5	24
131	Interactions of Inositol 1,4,5-Trisphosphate (IP3) Receptors with Synthetic Poly(ethylene glycol)-linked Dimers of IP3 Suggest Close Spacing of the IP3-binding Sites. <i>Journal of Biological Chemistry</i> , 2002, 277, 40290-40295.	3.5	27
132	A novel Ca ²⁺ -induced Ca ²⁺ release mechanism mediated by neither inositol trisphosphate nor ryanodine receptors. <i>Biochemical Journal</i> , 2002, 361, 605.	3.8	14
133	Reciprocal regulation of capacitative and non-capacitative Ca ²⁺ entry in A7r5 vascular smooth muscle cells: only the latter operates during receptor activation. <i>Biochemical Journal</i> , 2002, 362, 13.	3.8	45
134	Determinants of adenophostin A binding to inositol trisphosphate receptors. <i>Biochemical Journal</i> , 2002, 367, 113-120.	3.8	29
135	A novel Ca ²⁺ -induced Ca ²⁺ release mechanism mediated by neither inositol trisphosphate nor ryanodine receptors. <i>Biochemical Journal</i> , 2002, 361, 605-611.	3.8	22
136	Reciprocal regulation of capacitative and non-capacitative Ca ²⁺ entry in A7r5 vascular smooth muscle cells: only the latter operates during receptor activation. <i>Biochemical Journal</i> , 2002, 362, 13-21.	3.8	71
137	Paclitaxel Affects Cytosolic Calcium Signals by Opening the Mitochondrial Permeability Transition Pore. <i>Journal of Biological Chemistry</i> , 2002, 277, 6504-6510.	3.5	169
138	Controlling Calcium Entry. <i>Cell</i> , 2002, 111, 767-769.	27.8	79
139	Bicyclic Analogues of d-myo-Inositol 1,4,5-Trisphosphate Related to Adenophostin A: Synthesis and Biological Activity. <i>Journal of Medicinal Chemistry</i> , 2001, 44, 2108-2117.	6.6	22
140	Structural Determinants of Adenophostin A Activity at Inositol Trisphosphate Receptors. <i>Molecular Pharmacology</i> , 2001, 59, 1206-1215.	2.3	55
141	Selective recognition of inositol phosphates by subtypes of the inositol trisphosphate receptor. <i>Biochemical Journal</i> , 2001, 355, 59.	3.8	39
142	Functional properties of Drosophila inositol trisphosphate receptors. <i>Biochemical Journal</i> , 2001, 359, 435.	3.8	13
143	Selective recognition of inositol phosphates by subtypes of the inositol trisphosphate receptor. <i>Biochemical Journal</i> , 2001, 355, 59-69.	3.8	46
144	Functional properties of Drosophila inositol trisphosphate receptors. <i>Biochemical Journal</i> , 2001, 359, 435-441.	3.8	21

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148	Different receptors use inositol trisphosphate to mobilize Ca ²⁺ from different intracellular pools. <i>Biochemical Journal</i> , 2000, 351, 683.	3.8	4
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