

Jan B Parys

List of Publications by Year in descending order

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214
papers

19,629
citations

17440

63
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11939

134
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217
all docs

217
docs citations

217
times ranked

28340
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Endoplasmic-Reticulum Calcium Depletion and Disease. <i>Cold Spring Harbor Perspectives in Biology</i> , 2011, 3, a004317-a004317.	5.5	355
4	Functional specialization of calreticulin domains. <i>Journal of Cell Biology</i> , 2001, 154, 961-972.	5.2	265
5	The BH4 domain of Bcl-2 inhibits ER calcium release and apoptosis by binding the regulatory and coupling domain of the IP3 receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 14397-14402.	7.1	258
6	Phosphorylation of inositol 1,4,5-trisphosphate receptors by protein kinase B/Akt inhibits Ca ²⁺ release and apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2427-2432.	7.1	238
7	Targeting Bcl-2-IP3 Receptor Interaction to Reverse Bcl-2's Inhibition of Apoptotic Calcium Signals. <i>Molecular Cell</i> , 2008, 31, 255-265.	9.7	225
8	A dual role for Ca ²⁺ in autophagy regulation. <i>Cell Calcium</i> , 2011, 50, 242-250.	2.4	223
9	Intracellular Ca ²⁺ signaling and Ca ²⁺ microdomains in the control of cell survival, apoptosis and autophagy. <i>Cell Calcium</i> , 2016, 60, 74-87.	2.4	215
10	The regulation of autophagy by calcium signals: Do we have a consensus?. <i>Cell Calcium</i> , 2018, 70, 32-46.	2.4	189
11	Regulation of the Autophagic Bcl-2/Beclin 1 Interaction. <i>Cells</i> , 2012, 1, 284-312.	4.1	186
12	A dual role for the anti-apoptotic Bcl-2 protein in cancer: Mitochondria versus endoplasmic reticulum. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2240-2252.	4.1	170
13	Intracellular Ca ²⁺ storage in health and disease: A dynamic equilibrium. <i>Cell Calcium</i> , 2010, 47, 297-314.	2.4	169
14	Regulation of inositol 1,4,5-trisphosphate-induced Ca ²⁺ release by reversible phosphorylation and dephosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 959-970.	4.1	160
15	Selective regulation of IP3-receptor-mediated Ca ²⁺ signaling and apoptosis by the BH4 domain of Bcl-2 versus Bcl-Xl. <i>Cell Death and Differentiation</i> , 2012, 19, 295-309.	11.2	160
16	Down-regulation of the Inositol 1,4,5-Trisphosphate Receptor in Mouse Eggs Following Fertilization or Parthenogenetic Activation. <i>Developmental Biology</i> , 2000, 223, 238-250.	2.0	158
17	Modification of Store-operated Channel Coupling and Inositol Trisphosphate Receptor Function by 2-Aminoethoxydiphenyl Borate in DT40 Lymphocytes. <i>Journal of Biological Chemistry</i> , 2002, 277, 6915-6922.	3.4	158
18	Subcellular distribution of the inositol 1,4,5-trisphosphate receptors: functional relevance and molecular determinants. <i>Biology of the Cell</i> , 2004, 96, 3-17.	2.0	155

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19	The IP3 receptorâ€™s mitochondria connection in apoptosis and autophagy. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1003-1013.	4.1	155
20	Inositol 1,4,5-trisphosphate receptor-isoform diversity in cell death and survival. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2164-2183.	4.1	151
21	Expression and Function of Ryanodine Receptors in Nonexcitable Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 6356-6362.	3.4	149
22	Regulation of InsP3 receptor activity by neuronal Ca ²⁺ -binding proteins. <i>EMBO Journal</i> , 2004, 23, 312-321.	7.8	149
23	Bcl-2 proteins and calcium signaling: complexity beneath the surface. <i>Oncogene</i> , 2016, 35, 5079-5092.	5.9	144
24	Ins(1,4,5)P ₃ receptor-mediated Ca ²⁺ signaling and autophagy induction are interrelated. <i>Autophagy</i> , 2011, 7, 1472-1489.	9.1	143
25	Molecular and Functional Evidence for Multiple Ca ²⁺ -binding Domains in the Type 1 Inositol 1,4,5-Trisphosphate Receptor. <i>Journal of Biological Chemistry</i> , 1997, 272, 25899-25906.	3.4	132
26	Isoform diversity of the inositol trisphosphate receptor in cell types of mouse origin. <i>Biochemical Journal</i> , 1997, 322, 575-583.	3.7	132
27	The Ca ²⁺ /Mn ²⁺ pumps in the Golgi apparatus. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1742, 103-112.	4.1	123
28	IP3 Receptor-Mediated Calcium Signaling and Its Role in Autophagy in Cancer. <i>Frontiers in Oncology</i> , 2017, 7, 140.	2.8	123
29	ER functions of oncogenes and tumor suppressors: Modulators of intracellular Ca ²⁺ signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1364-1378.	4.1	122
30	Caspase-3-induced Truncation of Type 1 Inositol Trisphosphate Receptor Accelerates Apoptotic Cell Death and Induces Inositol Trisphosphate-independent Calcium Release during Apoptosis. <i>Journal of Biological Chemistry</i> , 2004, 279, 43227-43236.	3.4	121
31	Characterization of a Cytosolic and a Luminal Ca ²⁺ Binding Site in the Type I Inositol 1,4,5-Trisphosphate Receptor. <i>Journal of Biological Chemistry</i> , 1996, 271, 27005-27012.	3.4	117
32	Induction of Ca ²⁺ -driven apoptosis in chronic lymphocytic leukemia cells by peptide-mediated disruption of Bcl-2â€™s IP3 receptor interaction. <i>Blood</i> , 2011, 117, 2924-2934.	1.4	117
33	Necroptosis in Immuno-Oncology and Cancer Immunotherapy. <i>Cells</i> , 2020, 9, 1823.	4.1	109
34	The BH4 Domain of Anti-apoptotic Bcl-XL, but Not That of the Related Bcl-2, Limits the Voltage-dependent Anion Channel 1 (VDAC1)-mediated Transfer of Pro-apoptotic Ca ²⁺ Signals to Mitochondria. <i>Journal of Biological Chemistry</i> , 2015, 290, 9150-9161.	3.4	108
35	Thimerosal stimulates Ca ²⁺ flux through inositol 1,4,5-trisphosphate receptor type 1, but not type 3, via modulation of an isoform-specific Ca ²⁺ -dependent intramolecular interaction. <i>Biochemical Journal</i> , 2004, 381, 87-96.	3.7	107
36	Endoplasmic Reticulum-Mitochondria Communication Through Ca ²⁺ Signaling: The Importance of Mitochondria-Associated Membranes (MAMs). <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 49-67.	1.6	107

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37	Calcium puffs are generic InsP3-activated elementary calcium signals and are downregulated by prolonged hormonal stimulation to inhibit cellular calcium responses. <i>Journal of Cell Science</i> , 2001, 114, 3979-3989.	2.0	107
38	Emerging molecular mechanisms in chemotherapy: Ca ²⁺ signaling at the mitochondria-associated endoplasmic reticulum membranes. <i>Cell Death and Disease</i> , 2018, 9, 334.	6.3	104
39	Differential Distribution of Inositol Trisphosphate Receptor Isoforms in Mouse Oocytes1. <i>Biology of Reproduction</i> , 1999, 60, 49-57.	2.7	101
40	Polycystin-2 Activation by Inositol 1,4,5-Trisphosphate-induced Ca ²⁺ Release Requires Its Direct Association with the Inositol 1,4,5-Trisphosphate Receptor in a Signaling Microdomain. <i>Journal of Biological Chemistry</i> , 2010, 285, 18794-18805.	3.4	101
41	Inositol 1,4,5-Trisphosphate and Its Receptors. <i>Advances in Experimental Medicine and Biology</i> , 2012, 740, 255-279.	1.6	98
42	IP3R2 levels dictate the apoptotic sensitivity of diffuse large B-cell lymphoma cells to an IP3R-derived peptide targeting the BH4 domain of Bcl-2. <i>Cell Death and Disease</i> , 2013, 4, e632-e632.	6.3	96
43	Calcium, Calcium Release Receptors, and Meiotic Resumption in Bovine Oocytes1. <i>Biology of Reproduction</i> , 1997, 57, 1245-1255.	2.7	94
44	mTOR-Controlled Autophagy Requires Intracellular Ca ²⁺ Signaling. <i>PLoS ONE</i> , 2013, 8, e61020.	2.5	94
45	Two Types of Store-operated Ca ²⁺ Channels with Different Activation Modes and Molecular Origin in LNCaP Human Prostate Cancer Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 30326-30337.	3.4	92
46	SPCA1 pumps and Hailey-Hailey disease. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 1204-1213.	2.1	92
47	Phosphorylation of IP3R1 and the regulation of [Ca ²⁺] _i responses at fertilization: a role for the MAP kinase pathway. <i>Development (Cambridge)</i> , 2006, 133, 4355-4365.	2.5	91
48	Regulation of inositol 1,4,5-trisphosphate receptors during endoplasmic reticulum stress. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1612-1624.	4.1	90
49	The contribution of the SPCA1 Ca ²⁺ pump to the Ca ²⁺ accumulation in the Golgi apparatus of HeLa cells assessed via RNA-mediated interference. <i>Biochemical and Biophysical Research Communications</i> , 2003, 306, 430-436.	2.1	89
50	IP ₃ Receptors, Mitochondria, and Ca ²⁺ Signaling: Implications for Aging. <i>Journal of Aging Research</i> , 2011, 2011, 1-20.	0.9	88
51	Characterization and mapping of the 120 kDa FK506-binding protein (FKBP12)-binding site on different isoforms of the ryanodine receptor and of the inositol 1,4,5-trisphosphate receptor. <i>Biochemical Journal</i> , 2001, 354, 413-422.	3.7	83
52	Functional Properties of the Type-3 InsP3 Receptor in 16HBE14o Bronchial Mucosal Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 8983-8986.	3.4	81
53	The Bell-shaped Ca ²⁺ Dependence of the Inositol 1,4,5-Trisphosphate-induced Ca ²⁺ Release Is Modulated by Ca ²⁺ /Calmodulin. <i>Journal of Biological Chemistry</i> , 1999, 274, 13748-13751.	3.4	81
54	Role of the inositol 1,4,5-trisphosphate receptor/Ca ²⁺ -release channel in autophagy. <i>Cell Communication and Signaling</i> , 2012, 10, 17.	6.5	81

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55	Up-regulation of inositol 1,4,5-trisphosphate receptor type 1 is responsible for a decreased endoplasmic-reticulum Ca ²⁺ content in presenilin double knock-out cells. <i>Cell Calcium</i> , 2006, 40, 41-51.	2.4	79
56	The C Terminus of Bax Inhibitor-1 Forms a Ca ²⁺ -permeable Channel Pore. <i>Journal of Biological Chemistry</i> , 2012, 287, 2544-2557.	3.4	77
57	Presence of Inositol 1,4,5-Trisphosphate Receptor, Calreticulin, and Calsequestrin in Eggs of Sea Urchins and <i>Xenopus laevis</i> . <i>Developmental Biology</i> , 1994, 161, 466-476.	2.0	74
58	Inositol 1,4,5-trisphosphate-induced Ca ²⁺ signalling is involved in estradiol-induced breast cancer epithelial cell growth. <i>Molecular Cancer</i> , 2010, 9, 156.	19.2	74
59	Localization and function of a calmodulin- α 1-apocalmodulin-binding domain in the N-terminal part of the type 1 inositol 1,4,5-trisphosphate receptor. <i>Biochemical Journal</i> , 2002, 365, 269-277.	3.7	72
60	Effects of the immunosuppressant FK506 on intracellular Ca ²⁺ release and Ca ²⁺ accumulation mechanisms. <i>Journal of Physiology</i> , 2000, 525, 681-693.	2.9	70
61	Constitutive IP ₃ signaling underlies the sensitivity of B-cell cancers to the Bcl-2/IP ₃ receptor disruptor BIRD-2. <i>Cell Death and Differentiation</i> , 2019, 26, 531-547.	11.2	69
62	Balancing ER-Mitochondrial Ca ²⁺ Fluxes in Health and Disease. <i>Trends in Cell Biology</i> , 2021, 31, 598-612.	7.9	69
63	The Conserved Sites for the FK506-binding Proteins in Ryanodine Receptors and Inositol 1,4,5-Trisphosphate Receptors Are Structurally and Functionally Different. <i>Journal of Biological Chemistry</i> , 2001, 276, 47715-47724.	3.4	65
64	STIM1 as a key regulator for Ca ²⁺ homeostasis in skeletal-muscle development and function. <i>Skeletal Muscle</i> , 2011, 1, 16.	4.2	65
65	Isoprenylated Human Brain Type I Inositol 1,4,5-Trisphosphate 5-Phosphatase Controls Ca ²⁺ Oscillations Induced by ATP in Chinese Hamster Ovary Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 17367-17375.	3.4	63
66	Modulation of Inositol 1,4,5-Trisphosphate Binding to the Recombinant Ligand-binding Site of the Type-1 Inositol 1,4,5-Trisphosphate Receptor by Ca ²⁺ and Calmodulin. <i>Journal of Biological Chemistry</i> , 1999, 274, 12157-12162.	3.4	63
67	Bell-shaped activation of inositol-1,4,5-trisphosphate-induced Ca ²⁺ release by thimerosal in permeabilized A7r5 smooth-muscle cells. <i>Pflügers Archiv European Journal of Physiology</i> , 1993, 424, 516-522.	2.8	61
68	Calcineurin and intracellular Ca ²⁺ -release channels: regulation or association?. <i>Biochemical and Biophysical Research Communications</i> , 2003, 311, 1181-1193.	2.1	61
69	Characterization and mapping of the 12 kDa FK506-binding protein (FKBP12)-binding site on different isoforms of the ryanodine receptor and of the inositol 1,4,5-trisphosphate receptor. <i>Biochemical Journal</i> , 2001, 354, 413.	3.7	60
70	Human Golgi Antiapoptotic Protein Modulates Intracellular Calcium Fluxes. <i>Molecular Biology of the Cell</i> , 2009, 20, 3638-3645.	2.1	60
71	The type 2 inositol 1,4,5-trisphosphate receptor, emerging functions for an intriguing Ca ²⁺ -release channel. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1992-2005.	4.1	57
72	Agonist-induced down-regulation of type 1 and type 3 inositol 1,4,5-tris-phosphate receptors in A7r5 and DDT1 MF-2 smooth muscle cells. <i>Cell Calcium</i> , 1998, 23, 11-21.	2.4	56

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73	Fertilization and Inositol 1,4,5-Trisphosphate (IP3)-Induced Calcium Release in Type-1 Inositol 1,4,5-Trisphosphate Receptor Down-Regulated Bovine Eggs1. <i>Biology of Reproduction</i> , 2005, 73, 2-13.	2.7	56
74	Bcl-2 binds to and inhibits ryanodine receptors. <i>Journal of Cell Science</i> , 2014, 127, 2782-92.	2.0	55
75	New Insights in the IP3 Receptor and Its Regulation. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1131, 243-270.	1.6	54
76	Cell cycle-coupled [Ca ²⁺] _i oscillations in mouse zygotes and function of the inositol 1,4,5-trisphosphate receptor-1. <i>Developmental Biology</i> , 2004, 274, 94-109.	2.0	53
77	Uncoupled IP3 receptor can function as a Ca ²⁺ -leak channel: cell biological and pathological consequences. <i>Biology of the Cell</i> , 2006, 98, 1-14.	2.0	53
78	Distribution of inositol 1,4,5-trisphosphate receptor isoforms, SERCA isoforms and Ca ²⁺ binding proteins in RBLm2H3 rat basophilic leukemia cells. <i>Cell Calcium</i> , 1997, 22, 475-486.	2.4	52
79	Baseline Cytosolic Ca ²⁺ Oscillations Derived from a Non-endoplasmic Reticulum Ca ²⁺ -Store. <i>Journal of Biological Chemistry</i> , 2001, 276, 39161-39170.	3.4	51
80	The role of calmodulin for inositol 1,4,5-trisphosphate receptor function. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2002, 1600, 19-31.	2.3	51
81	Protein phosphatase-1 is a novel regulator of the interaction between IRBIT and the inositol 1,4,5-trisphosphate receptor. <i>Biochemical Journal</i> , 2007, 407, 303-311.	3.7	51
82	Bcl-2-Protein Family as Modulators of IP ₃ Receptors and Other Organellar Ca ²⁺ Channels. <i>Cold Spring Harbor Perspectives in Biology</i> , 2020, 12, a035089.	5.5	50
83	Mechanisms responsible for quantal Ca ²⁺ release from inositol trisphosphate-sensitive calcium stores. <i>Pflugers Archiv European Journal of Physiology</i> , 1996, 432, 359-367.	2.8	47
84	Inositol 1,4,5-trisphosphate receptor 1, a widespread Ca ²⁺ channel, is a novel substrate of polo-like kinase 1 in eggs. <i>Developmental Biology</i> , 2008, 320, 402-413.	2.0	47
85	Ca ²⁺ and calmodulin differentially modulate myo-inositol 1,4,5-trisphosphate (IP3)-binding to the recombinant ligand-binding domains of the various IP3 receptor isoforms. <i>Biochemical Journal</i> , 2000, 346, 275-280.	3.7	46
86	Mapping of the ATP-binding Sites on Inositol 1,4,5-Trisphosphate Receptor Type 1 and Type 3 Homotetramers by Controlled Proteolysis and Photoaffinity Labeling. <i>Journal of Biological Chemistry</i> , 2001, 276, 3492-3497.	3.4	46
87	Caspase-3-truncated type 1 inositol 1,4,5-trisphosphate receptor enhances intracellular Ca ²⁺ leak and disturbs Ca ²⁺ signalling. <i>Biology of the Cell</i> , 2008, 100, 39-49.	2.0	45
88	Bax Inhibitor-1 is a novel IP3 receptor-interacting and -sensitizing protein. <i>Cell Death and Disease</i> , 2012, 3, e367-e367.	6.3	44
89	Downregulation of type 3 inositol (1,4,5)-trisphosphate receptor decreases breast cancer cell migration through an oscillatory Ca ²⁺ signal. <i>Oncotarget</i> , 2017, 8, 72324-72341.	1.8	44
90	Threshold for Inositol 1,4,5-Trisphosphate Action. <i>Journal of Biological Chemistry</i> , 1996, 271, 12287-12293.	3.4	43

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91	Polycystin-1 and polycystin-2 are both required to amplify inositol-trisphosphate-induced Ca ²⁺ release. <i>Cell Calcium</i> , 2012, 51, 452-458.	2.4	43
92	Resveratrol-induced autophagy is dependent on IP3Rs and on cytosolic Ca ²⁺ . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 947-956.	4.1	43
93	Adenine-nucleotide binding sites on the inositol 1,4,5-trisphosphate receptor bind caffeine, but not adenophostin A or cyclic ADP-ribose. <i>Cell Calcium</i> , 1999, 25, 143-152.	2.4	42
94	Ca ²⁺ Uptake and Release Properties of a Thapsigargin-insensitive Nonmitochondrial Ca ²⁺ Store in A7r5 and 16HBE14o ⁺ Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 6898-6902.	3.4	42
95	Profiling of the Bcl-2/Bcl-XL-binding sites on type 1 IP3 receptor. <i>Biochemical and Biophysical Research Communications</i> , 2012, 428, 31-35.	2.1	42
96	Regulation of inositol 1,4,5-trisphosphate receptor function during mouse oocyte maturation. <i>Journal of Cellular Physiology</i> , 2012, 227, 705-717.	4.1	42
97	Feedback regulation mediated by Bcl-2 and DARPP-32 regulates inositol 1,4,5-trisphosphate receptor phosphorylation and promotes cell survival. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1186-1191.	7.1	42
98	Isoforms of the Inositol 1,4,5-Trisphosphate Receptor Are Expressed in Bovine Oocytes and Ovaries: The Type-1 Isoform Is Down-Regulated by Fertilization and by Injection of Adenophostin A1. <i>Biology of Reproduction</i> , 1999, 61, 935-943.	2.7	41
99	Bcl-xL acts as an inhibitor of IP3R channels, thereby antagonizing Ca ²⁺ -driven apoptosis. <i>Cell Death and Differentiation</i> , 2022, 29, 788-805.	11.2	41
100	Microtubule-dependent redistribution of the type-1 inositol 1,4,5-trisphosphate receptor in A7r5 smooth muscle cells. <i>Journal of Cell Science</i> , 2003, 116, 1269-1277.	2.0	38
101	Binding of IRBIT to the IP3 receptor: Determinants and functional effects. <i>Biochemical and Biophysical Research Communications</i> , 2006, 343, 49-56.	2.1	38
102	A comprehensive overview of the complex world of the endo- and sarcoplasmic reticulum Ca ²⁺ -leak channels. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119020.	4.1	38
103	Regulation of the phosphorylation of the inositol 1,4,5-trisphosphate receptor by protein kinase C. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 888-893.	2.1	37
104	Regulation of inositol 1,4,5-trisphosphate receptor type 1 function during oocyte maturation by MPM-2 phosphorylation. <i>Cell Calcium</i> , 2009, 46, 56-64.	2.4	35
105	Alterations in Ca ²⁺ Signalling via ER-Mitochondria Contact Site Remodelling in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2017, 997, 225-254.	1.6	35
106	Bcl-2 inhibitors as anti-cancer therapeutics: The impact of and on calcium signaling. <i>Cell Calcium</i> , 2018, 70, 102-116.	2.4	35
107	Biphenyl 2,3,4,5-tetrakisphosphate, a novel inositol polyphosphate surrogate, modulates Ca ²⁺ responses in rat hepatocytes. <i>FASEB Journal</i> , 2007, 21, 1481-1491.	0.5	34
108	The trans-membrane domain of Bcl-2, but not its hydrophobic cleft, is a critical determinant for efficient IP3 receptor inhibition. <i>Oncotarget</i> , 2016, 7, 55704-55720.	1.8	34

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109	The 12 kDa FK506-binding protein, FKBP12, modulates the Ca ²⁺ -flux properties of the type-3 ryanodine receptor. <i>Journal of Cell Science</i> , 2004, 117, 1129-1137.	2.0	33
110	The N-terminal Ca ²⁺ -Independent Calmodulin-Binding Site on the Inositol 1,4,5-trisphosphate Receptor Is Responsible for Calmodulin Inhibition, Even Though This Inhibition Requires Ca ²⁺ . <i>Molecular Pharmacology</i> , 2004, 66, 276-284.	2.3	33
111	The selective Bcl-2 inhibitor venetoclax, a BH3 mimetic, does not dysregulate intracellular Ca ²⁺ signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 968-976.	4.1	33
112	Effect of adenine nucleotides on myo-inositol-1,4,5-trisphosphate-induced calcium release. <i>Biochemical Journal</i> , 1997, 325, 661-666.	3.7	32
113	Partial calcium release in response to submaximal inositol 1,4,5-trisphosphate receptor activation. <i>Molecular and Cellular Endocrinology</i> , 1994, 98, 147-156.	3.2	31
114	Expression of Ca ²⁺ Transport Genes in Platelets and Endothelial Cells in Hypertension. <i>Hypertension</i> , 2001, 37, 135-141.	2.7	31
115	Inhibition of the Inositol Trisphosphate Receptor of Mouse Eggs and A7r5 Cells by KN-93 via a Mechanism Unrelated to Ca ²⁺ /Calmodulin-dependent Protein Kinase II Antagonism. <i>Journal of Biological Chemistry</i> , 2002, 277, 35061-35070.	3.4	31
116	Endogenously Bound Calmodulin Is Essential for the Function of the Inositol 1,4,5-Trisphosphate Receptor. <i>Journal of Biological Chemistry</i> , 2006, 281, 8332-8338.	3.4	31
117	Basal ryanodine receptor activity suppresses autophagic flux. <i>Biochemical Pharmacology</i> , 2017, 132, 133-142.	4.4	31
118	Pathophysiological consequences of isoform-specific IP3 receptor mutations. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1707-1717.	4.1	31
119	Bcl-2 and IP3 compete for the ligand-binding domain of IP3Rs modulating Ca ²⁺ signaling output. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 3843-3859.	5.4	31
120	The complex regulatory function of the ligand-binding domain of the inositol 1,4,5-trisphosphate receptor. <i>Cell Calcium</i> , 2008, 43, 17-27.	2.4	30
121	Ryanodine receptors are targeted by anti-apoptotic Bcl-XL involving its BH4 domain and Lys87 from its BH3 domain. <i>Scientific Reports</i> , 2015, 5, 9641.	3.3	30
122	Calmodulin Increases the Sensitivity of Type 3 Inositol-1,4,5-trisphosphate Receptors to Ca ²⁺ Inhibition in Human Bronchial Mucosal Cells. <i>Molecular Pharmacology</i> , 2000, 57, 564-567.	2.3	30
123	Phosphorylated intermediates of (Ca ²⁺ + Mg ²⁺)-ATPase and alkaline phosphatase in renal plasma membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1983, 728, 409-418.	2.6	29
124	Hypotonically Induced Calcium Release from Intracellular Calcium Stores. <i>Journal of Biological Chemistry</i> , 1996, 271, 4601-4604.	3.4	29
125	Inositol 1,4,5-trisphosphate receptor 1 degradation in mouse eggs and impact on [Ca ²⁺] _i oscillations. <i>Journal of Cellular Physiology</i> , 2010, 222, 238-247.	4.1	29
126	Differential Effects of Bitter Compounds on the Taste Transduction Channels TRPM5 and IP3 Receptor Type 3. <i>Chemical Senses</i> , 2014, 39, 295-311.	2.0	29

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127	Endoplasmic reticulum Ca ²⁺ content decrease by PKA-dependent hyperphosphorylation of type 1 IP ₃ receptor contributes to prostate cancer cell resistance to androgen deprivation. <i>Cell Calcium</i> , 2015, 57, 312-320.	2.4	29
128	BAX inhibitor-1 is a Ca ²⁺ channel critically important for immune cell function and survival. <i>Cell Death and Differentiation</i> , 2016, 23, 358-368.	11.2	29
129	TRPC3 shapes the ER-mitochondria Ca ²⁺ transfer characterizing tumour-promoting senescence. <i>Nature Communications</i> , 2022, 13, 956.	12.8	29
130	Alterations in calcium oscillatory activity in vitrified mouse eggs impact on egg quality and subsequent embryonic development. <i>Pflügers Archiv European Journal of Physiology</i> , 2011, 461, 515-526.	2.8	28
131	Polycystins and cellular Ca ²⁺ signaling. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2697-2712.	5.4	28
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