

James W Putney

List of Publications by Year in descending order

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240
papers

26,069
citations

6486

82
h-index

7427

157
g-index

247
all docs

247
docs citations

247
times ranked

11978
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiscale imaging of basal cell dynamics in the functionally mature mammary gland. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 26822-26832.	3.3	41
2	A calcium/cAMP signaling loop at the ORAI1 mouth drives channel inactivation to shape NFAT induction. Nature Communications, 2019, 10, 1971.	5.8	73
3	Store-operated Ca ²⁺ entry and Ca ²⁺ responses to hypothalamic releasing hormones in anterior pituitary cells from Orai1 ^{−/−} /α ^{−/−} and heptaTRPC knockout mice. Biochimica Et Biophysica Acta - Molecular Cell Research, 2019, 1866, 1124-1136.	1.9	13
4	Forms and functions of store-operated calcium entry mediators, STIM and Orai. Advances in Biological Regulation, 2018, 68, 88-96.	1.4	57
5	Orai1 Plays a Crucial Role in Central Sensitization by Modulating Neuronal Excitability. Journal of Neuroscience, 2018, 38, 887-900.	1.7	36
6	A personal journey. Cell Calcium, 2018, 72, 127-131.	1.1	1
7	ORAI Calcium Channels. Physiology, 2017, 32, 332-342.	1.6	68
8	The functions of store-operated calcium channels. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 900-906.	1.9	92
9	Introduction. Advances in Experimental Medicine and Biology, 2017, 993, 3-13.	0.8	2
10	Cytokine signaling through <i>Drosophila</i> Mthl10 ties lifespan to environmental stress. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13786-13791.	3.3	36
11	Store-Operated Calcium Entry: An Historical Overview. Advances in Experimental Medicine and Biology, 2017, 981, 205-214.	0.8	26
12	Pharmacology of Store-Operated Calcium Entry Channels. , 2017, , 311-324.		8
13	Low-Voltage-Activated Ca ^v 3.1 Calcium Channels Shape T Helper Cell Cytokine Profiles. Immunity, 2016, 44, 782-794.	6.6	35
14	Male infertility in mice lacking the store-operated Ca ²⁺ channel Orai1. Cell Calcium, 2016, 59, 189-197.	1.1	21
15	TRPC3 amplifies B-cell receptor-induced ERK signalling via protein kinase D-dependent Rap1 activation. Biochemical Journal, 2016, 473, 201-210.	1.7	6
16	Retrograde regulation of STIM1-Orai1 interaction and store-operated Ca ²⁺ entry by calsequestrin. Scientific Reports, 2015, 5, 11349.	1.6	42
17	Multiple types of calcium channels arising from alternative translation initiation of the <i>Orai1</i> message. Science Signaling, 2015, 8, ra74.	1.6	94
18	Role of the store-operated calcium entry protein, STIM1, in neutrophil chemotaxis and infiltration into a murine model of psoriasis-inflamed skin. FASEB Journal, 2015, 29, 3003-3013.	0.2	34

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19	Essential role of Orai1 store-operated calcium channels in lactation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5827-5832.	3.3	82
20	Role of <i>Orai1</i> and store-operated calcium entry in mouse lacrimal gland signalling and function. Journal of Physiology, 2014, 592, 927-939.	1.3	29
21	Calcium signaling in lacrimal glands. Cell Calcium, 2014, 55, 290-296.	1.1	19
22	Induction of epithelial-mesenchymal transition (EMT) in breast cancer cells is calcium signal dependent. Oncogene, 2014, 33, 2307-2316.	2.6	290
23	Role of STIM1- and Orai1-mediated Ca ²⁺ entry in Ca ²⁺ -induced epidermal keratinocyte differentiation. Journal of Cell Science, 2013, 126, 605-612.	1.2	43
24	Alternative Forms of the Store-Operated Calcium Entry Mediators, STIM1 and Orai1. Current Topics in Membranes, 2013, 71, 109-123.	0.5	26
25	Calcium Signaling: Septins Organize the SOC Channel. Current Biology, 2013, 23, R684-R685.	1.8	1
26	Orai1-mediated calcium entry plays a critical role in osteoclast differentiation and function by regulating activation of the transcription factor NFATc1. FASEB Journal, 2012, 26, 1484-1492.	0.2	63
27	Alternative translation initiation gives rise to two isoforms of <i>orai1</i> with distinct plasma membrane mobilities. Journal of Cell Science, 2012, 125, 4354-61.	1.2	85
28	Regulation of store-operated calcium entry during cell division. Biochemical Society Transactions, 2012, 40, 119-123.	1.6	24
29	Phospholipase C signaling and calcium influx. Advances in Biological Regulation, 2012, 52, 152-164.	1.4	137
30	Phosphoregulation of STIM1 Leads to Exclusion of the Endoplasmic Reticulum from the Mitotic Spindle. Current Biology, 2012, 22, 1487-1493.	1.8	89
31	Deletion of Orai1 alters expression of multiple genes during osteoclast and osteoblast maturation. Cell Calcium, 2012, 52, 488-500.	1.1	39
32	Calcium Signaling: Deciphering the Calcium-NFAT Pathway. Current Biology, 2012, 22, R87-R89.	1.8	28
33	Calcium Oscillations. Cold Spring Harbor Perspectives in Biology, 2011, 3, a004226-a004226.	2.3	231
34	Origins of the concept of store-operated calcium entry. Frontiers in Bioscience - Scholar, 2011, S3, 980-984.	0.8	28
35	Calcium signaling in osteoclasts. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 979-983.	1.9	98
36	The Physiological Function of Store-operated Calcium Entry. Neurochemical Research, 2011, 36, 1157-1165.	1.6	87

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37	Origins of the concept of store-operated calcium entry. <i>Frontiers in Bioscience - Scholar</i> , 2011, S3, 980.	0.8	37
38	Activation and regulation of store-operated calcium entry. <i>Journal of Cellular and Molecular Medicine</i> , 2010, 14, 2337-2349.	1.6	236
39	Store-Operated Calcium Channels. , 2010, , 911-914.		2
40	Ca ²⁺ influx and protein scaffolding via TRPC3 sustain PKC ^{̂2} and ERK activation in B cells. <i>Journal of Cell Science</i> , 2010, 123, 927-938.	1.2	60
41	Pharmacology of Store-operated Calcium Channels. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2010, 10, 209-218.	3.4	120
42	Store operated calcium entry in NIH-3T3 cells. <i>Journal of Medical Investigation</i> , 2009, 56, 381-382.	0.2	0
43	STIM1 Is a Calcium Sensor Specialized for Digital Signaling. <i>Current Biology</i> , 2009, 19, 1724-1729.	1.8	139
44	Complex functions of phosphatidylinositol 4,5-bisphosphate in regulation of TRPC5 cation channels. <i>Pflügers Archiv European Journal of Physiology</i> , 2009, 457, 757-769.	1.3	105
45	TRPC channels function independently of STIM1 and Orai1. <i>Journal of Physiology</i> , 2009, 587, 2275-2298.	1.3	207
46	SOC: now also store-operated cyclase. <i>Nature Cell Biology</i> , 2009, 11, 381-382.	4.6	6
47	Phosphorylation of STIM1 underlies suppression of store-operated calcium entry during mitosis. <i>Nature Cell Biology</i> , 2009, 11, 1465-1472.	4.6	159
48	Capacitative calcium entry: from concept to molecules. <i>Immunological Reviews</i> , 2009, 231, 10-22.	2.8	206
49	Regulation of calcium entry in exocrine gland cells and other epithelial cells. <i>Journal of Medical Investigation</i> , 2009, 56, 362-367.	0.2	4
50	Calcium influx mechanisms underlying calcium oscillations in rat hepatocytes. <i>Hepatology</i> , 2008, 48, 1273-1281.	3.6	43
51	Cytoplasmic calcium oscillations and store-operated calcium influx. <i>Journal of Physiology</i> , 2008, 586, 3055-3059.	1.3	85
52	Defective mast cell effector functions in mice lacking the CRACM1 pore subunit of store-operated calcium release-activated calcium channels. <i>Nature Immunology</i> , 2008, 9, 89-96.	7.0	372
53	Complex regulation of the TRPC3, 6 and 7 channel subfamily by diacylglycerol and phosphatidylinositol-4,5-bisphosphate. <i>Cell Calcium</i> , 2008, 43, 506-514.	1.1	114
54	STIM1 Is a MT-Plus-End-Tracking Protein Involved in Remodeling of the ER. <i>Current Biology</i> , 2008, 18, 177-182.	1.8	378

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55	Methods for studying store-operated calcium entry. <i>Methods</i> , 2008, 46, 204-212.	1.9	180
56	Complex Actions of 2-Aminoethylidiphenyl Borate on Store-operated Calcium Entry. <i>Journal of Biological Chemistry</i> , 2008, 283, 19265-19273.	1.6	230
57	Ca ²⁺ -store-dependent and -independent reversal of Stim1 localization and function. <i>Journal of Cell Science</i> , 2008, 121, 762-772.	1.2	162
58	New molecular players in capacitative Ca ²⁺ entry. <i>Journal of Cell Science</i> , 2007, 120, 1959-1965.	1.2	142
59	Role of the microtubule cytoskeleton in the function of the store-operated Ca ²⁺ channel activator STIM1. <i>Journal of Cell Science</i> , 2007, 120, 3762-3771.	1.2	120
60	Calcium Inhibition and Calcium Potentiation of Orai1, Orai2, and Orai3 Calcium Release-activated Calcium Channels*. <i>Journal of Biological Chemistry</i> , 2007, 282, 17548-17556.	1.6	220
61	Ca ²⁺ mobilization through dorsal root ganglion Ca ²⁺ -sensing receptor stably expressed in HEK293 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C1895-C1905.	2.1	19
62	Role of the store-operated calcium entry proteins Stim1 and Orai1 in muscarinic cholinergic receptor-stimulated calcium oscillations in human embryonic kidney cells. <i>Journal of Physiology</i> , 2007, 579, 679-689.	1.3	95
63	Recent breakthroughs in the molecular mechanism of capacitative calcium entry (with thoughts on) Tj ETQq1 1 0.784314 rgBT /Overl 1.1 217	1.1	217
64	Phospholipase C-Coupled Receptors and Activation of TRPC Channels. <i>Handbook of Experimental Pharmacology</i> , 2007, , 593-614.	0.9	87
65	Inositol lipids and TRPC channel activation. <i>Biochemical Society Symposia</i> , 2007, 74, 37.	2.7	18
66	Inositol lipids and TRPC channel activation. <i>Biochemical Society Symposia</i> , 2007, 74, 37-45.	2.7	14
67	Calcium Signaling: Double Duty for Calcium at the Mitochondrial Uniporter. <i>Current Biology</i> , 2006, 16, R812-R815.	1.8	31
68	Emerging perspectives in store-operated Ca ²⁺ entry: Roles of Orai, Stim and TRP. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006, 1763, 1147-1160.	1.9	194
69	Large Store-operated Calcium Selective Currents Due to Co-expression of Orai1 or Orai2 with the Intracellular Calcium Sensor, Stim1. <i>Journal of Biological Chemistry</i> , 2006, 281, 24979-24990.	1.6	484
70	Dissociation of Regulated Trafficking of TRPC3 Channels to the Plasma Membrane from Their Activation by Phospholipase C. <i>Journal of Biological Chemistry</i> , 2006, 281, 11712-11720.	1.6	59
71	Native TRPC7 Channel Activation by an Inositol Trisphosphate Receptor-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2006, 281, 25250-25258.	1.6	40
72	Protection of TRPC7 cation channels from calcium inhibition by closely associated SERCA pumps. <i>FASEB Journal</i> , 2006, 20, 503-505.	0.2	38

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73	Multiple Mechanisms of TRPC Activation. <i>Frontiers in Neuroscience</i> , 2006, , 31-43.	0.0	0
74	Capacitative calcium entry supports calcium oscillations in human embryonic kidney cells. <i>Journal of Physiology</i> , 2005, 562, 697-706.	1.3	110
75	Physiological mechanisms of TRPC activation. <i>Pflugers Archiv European Journal of Physiology</i> , 2005, 451, 29-34.	1.3	98
76	Mechanism of Inhibition of TRPC Cation Channels by 2-Aminoethoxydiphenylborane. <i>Molecular Pharmacology</i> , 2005, 68, 758-762.	1.0	113
77	The Role of Canonical Transient Receptor Potential 7 in B-cell Receptor-activated Channels. <i>Journal of Biological Chemistry</i> , 2005, 280, 35346-35351.	1.6	55
78	Ca ²⁺ -Calmodulin-dependent Facilitation and Ca ²⁺ Inactivation of Ca ²⁺ Release-activated Ca ²⁺ Channels. <i>Journal of Biological Chemistry</i> , 2005, 280, 8776-8783.	1.6	36
79	Negative Regulation of TRPC3 Channels by Protein Kinase C-Mediated Phosphorylation of Serine 712. <i>Molecular Pharmacology</i> , 2005, 67, 558-563.	1.0	121
80	Capacitative calcium entry. <i>Journal of Cell Biology</i> , 2005, 169, 381-382.	2.3	159
81	Store-Operated Calcium Channels. <i>Physiological Reviews</i> , 2005, 85, 757-810.	13.1	1,907
82	Fluorescent Indicators – Facts and Artifacts. , 2005, , 51-84.		1
83	Store-Operated Calcium Channels: How Do We Measure Them, and Why Do We Care?. <i>Science Signaling</i> , 2004, 2004, pe37-pe37.	1.6	17
84	Obligatory Role of Src Kinase in the Signaling Mechanism for TRPC3 Cation Channels. <i>Journal of Biological Chemistry</i> , 2004, 279, 40521-40528.	1.6	132
85	Canonical transient receptor potential TRPC7 can function as both a receptor- and store-operated channel in HEK-293 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2004, 287, C1709-C1716.	2.1	77
86	The enigmatic TRPCs: multifunctional cation channels. <i>Trends in Cell Biology</i> , 2004, 14, 282-286.	3.6	97
87	The mammalian TRPC cation channels. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1742, 21-36.	1.9	285
88	Mechanisms of Phospholipase C-Regulated Calcium Entry. <i>Current Molecular Medicine</i> , 2004, 4, 291-301.	0.6	78
89	Signalling mechanisms for TRPC3 channels. <i>Novartis Foundation Symposium</i> , 2004, 258, 123-33; discussion 133-9, 155-9, 263-6.	1.2	15
90	The TRPC3/6/7 subfamily of cation channels. <i>Cell Calcium</i> , 2003, 33, 451-461.	1.1	201

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91	Capacitative calcium entry in the nervous system. <i>Cell Calcium</i> , 2003, 34, 339-344.	1.1	146
92	A Calmodulin/Inositol 1,4,5-Trisphosphate (IP3) Receptor-binding Region Targets TRPC3 to the Plasma Membrane in a Calmodulin/IP3 Receptor-independent Process. <i>Journal of Biological Chemistry</i> , 2003, 278, 25758-25765.	1.6	77
93	Signaling Mechanism for Receptor-activated Canonical Transient Receptor Potential 3 (TRPC3) Channels. <i>Journal of Biological Chemistry</i> , 2003, 278, 16244-16252.	1.6	146
94	Expression Level of the Canonical Transient Receptor Potential 3 (TRPC3) Channel Determines Its Mechanism of Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 21649-21654.	1.6	140
95	2-Aminoethoxydiphenyl Borane Activates a Novel Calcium-Permeable Cation Channel. <i>Molecular Pharmacology</i> , 2003, 63, 1304-1311.	1.0	46
96	Store-operated Ca ²⁺ Channels. , 2003, , 31-33.		0
97	Inositol Phosphate Signaling. , 2003, , 310-315.		0
98	Comparison of Human TRPC3 Channels in Receptor-activated and Store-operated Modes. <i>Journal of Biological Chemistry</i> , 2002, 277, 21617-21623.	1.6	221
99	PLC- β : an old player has a new role. <i>Nature Cell Biology</i> , 2002, 4, E280-E281.	4.6	16
100	An inositol 1,4,5-trisphosphate receptor-dependent cation entry pathway in DT40 B lymphocytes. <i>EMBO Journal</i> , 2002, 21, 4531-4538.	3.5	59
101	Channelling calcium. <i>Nature</i> , 2001, 410, 648-649.	13.7	34
102	Role of the Phospholipase C-Inositol 1,4,5-Trisphosphate Pathway in Calcium Release-activated Calcium Current and Capacitative Calcium Entry. <i>Journal of Biological Chemistry</i> , 2001, 276, 15945-15952.	1.6	212
103	Stable Activation of Single Ca ²⁺ Release-activated Ca ²⁺ Channels in Divalent Cation-free Solutions. <i>Journal of Biological Chemistry</i> , 2001, 276, 1063-1070.	1.6	101
104	Human Trp3 forms both inositol trisphosphate receptor-dependent and receptor-independent store-operated cation channels in DT40 avian B lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 11777-11782.	3.3	168
105	Mutual Antagonism of Calcium Entry by Capacitative and Arachidonic Acid-mediated Calcium Entry Pathways. <i>Journal of Biological Chemistry</i> , 2001, 276, 20186-20189.	1.6	62
106	Signaling Pathways Underlying Muscarinic Receptor-induced [Ca ²⁺] Oscillations in HEK293 Cells. <i>Journal of Biological Chemistry</i> , 2001, 276, 5613-5621.	1.6	127
107	Mechanisms of capacitative calcium entry. <i>Journal of Cell Science</i> , 2001, 114, 2223-2229.	1.2	483
108	Cloning and expression of the human transient receptor potential 4 (TRP4) gene: localization and functional expression of human TRP4 and TRP3. <i>Biochemical Journal</i> , 2000, 351, 735-746.	1.7	112

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109	Effects of elevated cytoplasmic calcium and protein kinase C on endoplasmic reticulum structure and function in HEK293 cells. <i>Cell Calcium</i> , 2000, 27, 175-185.	1.1	72
110	A Selective Requirement for Elevated Calcium in DNA Degradation, but Not Early Events in Anti-Fas-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2000, 275, 30586-30596.	1.6	57
111	Presenilins, Alzheimer's Disease, and Capacitative Calcium Entry. <i>Neuron</i> , 2000, 27, 411-412.	3.8	26
112	Cloning and expression of the human transient receptor potential 4 (TRP4) gene: localization and functional expression of human TRP4 and TRP3. <i>Biochemical Journal</i> , 2000, 351, 735.	1.7	53
113	Role of the Inositol 1,4,5-Trisphosphate Receptor in Ca ²⁺ Feedback Inhibition of Calcium Release-activated Calcium Current (I _{crac}). <i>Journal of Biological Chemistry</i> , 1999, 274, 32881-32888.	1.6	66
114	Adenophostin A Induces Spatially Restricted Calcium Signaling in <i>Xenopus laevis</i> Oocytes. <i>Journal of Biological Chemistry</i> , 1999, 274, 20643-20649.	1.6	24
115	Capacitative calcium entry channels. <i>BioEssays</i> , 1999, 21, 38-46.	1.2	357
116	Intimate Plasma Membrane-ER Interactions Underlie Capacitative Calcium Entry: "Kissin' Cousins". <i>Cell</i> , 1999, 99, 5-8.	13.5	137
117	Calcium Signaling: Up, Down, Up, Down.... What's the Point?. <i>Science</i> , 1998, 279, 191-192.	6.0	99
118	Relationship between Intracellular Calcium Store Depletion and Calcium Release-activated Calcium Current in a Mast Cell Line (RBL-1). <i>Journal of Biological Chemistry</i> , 1998, 273, 19554-19559.	1.6	71
119	Effect of Adenophostin A on Ca ²⁺ Entry and Calcium Release-activated Calcium Current (I _{crac}) in Rat Basophilic Leukemia Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 31815-31821.	1.6	28
120	Calcium Signalling in Lacrimal Acinar Cells. <i>Advances in Experimental Medicine and Biology</i> , 1998, 438, 123-128.	0.8	11
121	Role of the Cytoskeleton in Calcium Signaling in NIH 3T3 Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 26555-26561.	1.6	168
122	Effect of cytoplasmic Ca ²⁺ on (1,4,S)IP ₃ formation in vasopressin-inactivated hepatocytes. <i>Cell Calcium</i> , 1997, 21, 253-256.	1.1	17
123	Type 3 inositol 1,4,5-trisphosphate receptor and capacitative calcium entry. <i>Cell Calcium</i> , 1997, 21, 257-261.	1.1	135
124	Capacitative Calcium Entry. <i>Molecular Biology Intelligence Unit</i> , 1997, , .	0.2	138
125	General Aspects of Calcium Signaling. <i>Molecular Biology Intelligence Unit</i> , 1997, , 1-52.	0.2	5
126	Capacitative Calcium Entry. <i>Molecular Biology Intelligence Unit</i> , 1997, , 53-75.	0.2	2

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127	The Signal for Capacitative Calcium Entry. Molecular Biology Intelligence Unit, 1997, , 77-121.	0.2	0
128	Physiological, Pharmacological and Pathological Aspects of Capacitative Calcium Entry. Molecular Biology Intelligence Unit, 1997, , 179-205.	0.2	0
129	Electrophysiology and Regulation of Capacitative Calcium Entry. Molecular Biology Intelligence Unit, 1997, , 123-152.	0.2	0
130	Spatial and temporal aspects of cellular calcium signaling. FASEB Journal, 1996, 10, 1505-1517.	0.2	484
131	cGMP is not required for capacitative Ca ²⁺ entry in Jurkat T-lymphocytes. Cell Calcium, 1996, 19, 351-354.	1.1	16
132	Effect of Inositol 1,3,4,5-Tetrakisphosphate on Inositol Trisphosphate-activated Ca ²⁺ Signaling in Mouse Lacrimal Acinar Cells. Journal of Biological Chemistry, 1996, 271, 6766-6770.	1.6	52
133	Cell Type-specific Modes of Feedback Regulation of Capacitative Calcium Entry. Journal of Biological Chemistry, 1996, 271, 14807-14813.	1.6	58
134	Differential Effects of Protein Kinase C Activation on Calcium Storage and Capacitative Calcium Entry in NIH 3T3 Cells. Journal of Biological Chemistry, 1996, 271, 21522-21528.	1.6	60
135	Role of cyclic GMP in the control of capacitative Ca ²⁺ entry in rat pancreatic acinar cells. Biochemical Journal, 1995, 311, 649-656.	1.7	35
136	Calcium entry signal?. Nature, 1995, 373, 481-482.	18.7	47
137	The Ca ²⁺ -mobilizing Actions of a Jurkat Cell Extract on Mammalian Cells and Xenopus laevis Oocytes. Journal of Biological Chemistry, 1995, 270, 8050-8055.	1.6	39
138	Calcium mobilization by inositol phosphates and other intracellular messengers. Trends in Endocrinology and Metabolism, 1994, 5, 256-260.	3.1	28
139	Receptors and the Inositol Phosphate-Calcium Signaling System. Receptors, 1994, , 257-283.	0.2	8
140	The Inositol Phosphate-Calcium Signalling System in Lacrimal Gland Cells. Advances in Experimental Medicine and Biology, 1994, 350, 115-119.	0.8	4
141	Inositol phosphates and cell signaling: new views of InsP5 and InsP6. Trends in Biochemical Sciences, 1993, 18, 53-56.	3.7	136
142	The signal for capacitative calcium entry. Cell, 1993, 75, 199-201.	18.5	429
143	Excitement about calcium signaling in inexcitable cells. Science, 1993, 262, 676-678.	6.0	180
144	The Inositol Phosphate-Calcium Signaling System in Nonexcitable Cells. Endocrine Reviews, 1993, 14, 610-631.	8.9	497

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145	RECEPTOR-REGULATED CALCIUM ENTRY. , 1993, , 255-263.		0
146	Inositol polyphosphates and calcium signaling. <i>Molecular and Cellular Neurosciences</i> , 1992, 3, 1-10.	1.0	18
147	Mechanisms of activated Ca ²⁺ entry in the rat pancreatoma cell line, AR4-2J. <i>Cell Calcium</i> , 1992, 13, 49-58.	1.1	27
148	The identity of the calcium-storing, inositol 1,4,5-trisphosphate-sensitive organelle in non-muscle cells: calciosome, endoplasmic reticulum or both?. <i>Trends in Neurosciences</i> , 1991, 14, 310-314.	4.2	76
149	Role of Inositol Phosphates in the Actions of Substance P on NK1 Receptors in Exocrine GI and Cells. <i>Annals of the New York Academy of Sciences</i> , 1991, 632, 94-102.	1.8	16
150	The Capacitative Model for Receptor-Activated Calcium Entry. <i>Advances in Pharmacology</i> , 1991, 22, 251-269.	1.2	59
151	Relationship between the calcium-mobilizing action of inositol 1,4,5-trisphosphate in permeable AR4-2J cells and the estimated levels of inositol 1,4,5-trisphosphate in intact AR4-2J cells. <i>Biochemical Journal</i> , 1991, 273, 541-546.	1.7	41
152	Subcellular distribution of the calcium-storing inositol 1,4,5-trisphosphate-sensitive organelle in rat liver. Possible linkage to the plasma membrane through the actin microfilaments. <i>Biochemical Journal</i> , 1991, 274, 643-650.	1.7	155
153	Inositol 1,4,5-trisphosphate 3-kinase activity in high-speed supernatants from rat pancreatoma cells, AR4-2J. <i>Biochemical Journal</i> , 1991, 274, 622-623.	1.7	3
154	Activation of Ca ²⁺ entry into acinar cells by a non-phosphorylatable inositol trisphosphate. <i>Nature</i> , 1991, 352, 162-165.	18.7	192
155	Diethylstilbestrol Stimulates Persistent Phosphatidylinositol Lipid Turnover by an Estrogen Receptor-Mediated Mechanism in Immature Mouse Uterus. <i>Endocrinology</i> , 1991, 129, 2423-2430.	1.4	24
156	Identification in extracts from AR4-2J cells of inositol 1,4,5-trisphosphate by its susceptibility to inositol 1,4,5-trisphosphate 3-kinase and 5-phosphatase. <i>Biochemical Journal</i> , 1990, 269, 195-200.	1.7	17
157	Capacitative calcium entry revisited. <i>Cell Calcium</i> , 1990, 11, 611-624.	1.1	1,473
158	Calcium efflux across the plasma membrane of rat parotid acinar cells is unaffected by receptor activation or by the microsomal calcium ATPase inhibitor, thapsigargin. <i>Cell Calcium</i> , 1990, 11, 11-17.	1.1	48
159	Inositol phosphate formation and its relationship to calcium signaling.. <i>Environmental Health Perspectives</i> , 1990, 84, 141-147.	2.8	31
160	Inositol Phosphate Metabolism and Signal Transduction. <i>The American Review of Respiratory Disease</i> , 1990, 141, S115-S118.	2.9	12
161	Receptor-regulated calcium entry. , 1990, 48, 427-434.		61
162	The Integration of Receptor-Regulated Intracellular Calcium Release and Calcium Entry across the Plasma Membrane. <i>Current Topics in Cellular Regulation</i> , 1990, 31, 111-127.	9.6	16

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163	How do inositol phosphates regulate calcium signaling?. FASEB Journal, 1989, 3, 1899-1905.	0.2	173
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