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## Inositol phosphates and cell signalling

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2347	Signal Transduction by the T-Cell Antigen Receptor: Regulation and Function of p21ras and PtdIns-3 Kinase. <b>1994</b> , 59, 115-127		
2346	Calcium signalling: receptor kinships revealed. <i>Nature</i> , <b>1989</b> , 342, 16-8	50.4	49
2345	The second messenger system as the morphogenetic field. <b>1989</b> , 165, 1267-71		8
2344	Membrane dynamics and molecular traffic and sorting in mammalian cells. <b>1989</b> , 54, 145-57		6
2343	Computer simulation of a cytosolic calcium oscillator. <b>1990</b> , 271, 835-8		44
2342	Effect of d-myo-Inositol 1,4,5-Trisphosphate on the Electrical Properties of the Red Beet Vacuole Membrane. <b>1990</b> , 93, 837-40		27
2341	Stimulus-response coupling: the search for intracellular calcium mediator proteins. <b>1990</b> , 1, 165-72		51
2340	Calreticulin is a candidate for a calsequestrin-like function in Ca <sup>2+</sup> (+)-storage compartments (calciosomes) of liver and brain. <b>1990</b> , 271, 473-80		117
2339	Calcium flux mediated by purified inositol 1,4,5-trisphosphate receptor in reconstituted lipid vesicles is allosterically regulated by adenine nucleotides. <b>1990</b> , 87, 2147-51		170
2338	Activation of resting human T cells requires prolonged stimulation of protein kinase C. <b>1990</b> , 87, 2294-8		90
2337	An inositol 1,4,5-trisphosphate-sensitive Ca <sup>2+</sup> pool in liver nuclei. <b>1990</b> , 87, 6858-62		149
2336	Effects of auxin and abscisic acid on cytosolic calcium and pH in plant cells. <b>1990</b> , 87, 9645-9		197
2335	Glutamate receptors activate Ca <sup>2+</sup> mobilization and Ca <sup>2+</sup> influx into astrocytes. <b>1990</b> , 87, 3454-8		180
2334	Alterations of G-protein coupling function in phosphoinositide signaling pathways of cells transformed by ras and other membrane-associated and cytoplasmic oncogenes. <b>1990</b> , 10, 3117-24		16
2333	Mechanisms of signal transduction to the cell nucleus. <b>1990</b> , 55, 271-310		76
2332	Down's syndrome fibroblasts exhibit enhanced inositol uptake. <b>1990</b> , 270, 119-23		25
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2328	Effects of muscarine and adrenaline on neurones from <i>Rana pipiens</i> sympathetic ganglia. <b>1990</b> , 425, 471-500	48
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2326	Molecular cloning and expression of a complementary DNA for inositol 1,4,5-trisphosphate 3-kinase. <b>1990</b> , 248, 64-6	146
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2321	Rat brain inositol 1,4,5-trisphosphate 3-kinase. Ca <sup>2+</sup> (+)-sensitivity, purification and antibody production. <b>1990</b> , 268, 213-7	80
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2318	Rat liver contains a potent endogenous inhibitor of inositol 1,3,4,5-tetrakisphosphate 3-phosphatase. <b>1990</b> , 267, 831-4	14
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2308	Changes in inositol lipids and phosphates after stimulation of the MAS-transfected NG115-401L-C3 cell line by mitogenic and non-mitogenic stimuli. <b>1990</b> , 271, 605-11	20
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2297	Time-related Changes in Basal Phosphoinositide Turnover after Induction of Long-term Potentiation in the Dentate Gyrus are Blocked by Commissural Stimulation. <b>1990</b> , 2, 383-387	7
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2256	Oscillating intracellular Ca <sup>2+</sup> signals evoked by activation of receptors linked to inositol lipid hydrolysis: mechanism of generation. <b>1990</b> , 118, 93-105	113
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2219	Regulation of anaphase chromosome motion in Tradescantia stamen hair cells by calcium and related signaling agents. <b>1990</b> , 111, 171-82	48
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2175	The involvement of calcium in transport of secretory proteins from the endoplasmic reticulum. <b>1990</b> , 61, 197-9	292
2174	Neuropeptide Y antagonistic properties of D-myo-inositol-1.2.6-trisphosphate in guinea pig basilar arteries. <b>1990</b> , 17, 99-105	76
2173	Receptor-regulated Ca <sup>2+</sup> entry: secret pathway or secret messenger?. <b>1990</b> , 11, 269-71	31
2172	Alzheimer's disease: is there a problem beyond recognition?. <b>1990</b> , 11, 183-4	42
2171	Phosphatidylcholine hydrolysis stimulated by phorbol myristate acetate is mediated principally by phospholipase D in endothelial cells. <b>1990</b> , 1053, 162-72	27
2170	Endothelin isopeptides evoke Ca <sup>2+</sup> signaling and oscillations of cytosolic free [Ca <sup>2+</sup> ] in human mesangial cells. <b>1990</b> , 1055, 63-8	26
2169	Intracellular Ca <sup>2+</sup> storage organelles in non-muscle cells: heterogeneity and functional assignment. <b>1990</b> , 1055, 130-40	142

2168	Auranofin dissociates chemotactic peptide-induced generation of inositol 1,4,5-trisphosphate from the subsequent mobilization of intracellular calcium in intact human neutrophils. <b>1990</b> , 1055, 173-8		4
2167	Calcium oscillations in electrically non-excitable cells. <b>1990</b> , 1052, 427-38		160
2166	Fluoride-mediated activation of the respiratory burst in electropermeabilized neutrophils. <b>1990</b> , 1054, 176-80		18
2165	Inositol monophosphate esterase inhibition by lithium in normal human studies using neuroendocrine tests. Part I. PRL and TSH responses to TRH. <b>1990</b> , 14, 327-35		2
2164	Intracellular ion activities and membrane transport in parietal cells measured with fluorescent dyes. <b>1990</b> , 192, 38-81		142
2163	Increase of the catalytic activity of phospholipase C-gamma 1 by tyrosine phosphorylation. <b>1990</b> , 250, 1253-6		637
2162	Preliminary Evidence for Involvement of GTP-Binding Protein(s) in Auxin Signal Transduction in Rice ( <i>Oryza sativa</i> L.) Coleoptile. <i>Journal of Plant Physiology</i> , <b>1990</b> , 136, 653-658	3.6	47
2161	Feedback inhibition by calcium limits the release of calcium by inositol trisphosphate in <i>Limulus</i> ventral photoreceptors. <b>1990</b> , 4, 547-55		95
2160	Expressed cerebellar-type inositol 1,4,5-trisphosphate receptor, P400, has calcium release activity in a fibroblast L cell line. <b>1990</b> , 5, 11-8		152
2159	Effects of phorbol ester on phospholipid metabolism. <b>1990</b> , 29, 141-66		62
2158	An overview of lipids of <i>Candida albicans</i> . <b>1990</b> , 29, 65-85		11
2157	Inositol lipids and calcium signalling. <b>1990</b> , 183, 84-85		
2156	Endotoxin-induced impairment of vascular smooth muscle contractions elicited by different mechanisms. <b>1990</b> , 190, 185-92		44
2155	The incorporation of myo-inositol into phosphatidylinositol derivatives is stimulated during hormone-induced meiotic maturation of amphibian oocytes. <b>1990</b> , 191, 313-8		13
2154	Characterization of a new type of variant of rat basophilic leukemia 2H3 cells presenting a different pattern of calcium signal. <b>1990</b> , 188, 247-53		3
2153	Effects of corpora cardiaca extract on intracellular second messenger levels in Malpighian tubules of <i>Locusta migratoria</i> L.. <b>1990</b> , 36, 383-389		20
2152	A synthetic peptide of the pseudosubstrate domain of protein kinase C blocks cytoplasmic alkalinization during activation of the sea urchin egg. <b>1990</b> , 140, 272-80		49
2151	Development of calcium release mechanisms during starfish oocyte maturation. <b>1990</b> , 140, 300-6		130

2150	P2-purinoceptor-activated membrane currents and inositol tetrakisphosphate formation are blocked by suramin. <b>1990</b> , 181, 127-31	33
2149	Selective cross-activation/inhibition of second messenger systems and the reduction of age-related deficits in the muscarinic control of dopamine release from perfused rat striata. <b>1990</b> , 537, 40-8	50
2148	Modulation by neuropeptides of bradykinin-stimulated second messenger release in dorsal root ganglion neurons. <b>1990</b> , 518, 159-65	13
2147	Lithium augments fos protooncogene expression in PC12 pheochromocytoma cells: implications for therapeutic action of lithium. <b>1990</b> , 521, 47-54	43
2146	Inositol trisphosphate-mediated Ca <sup>2+</sup> release in beet mussels is inhibited by heparin. <b>1990</b> , 260, 70-72	41
2145	Y1 receptors for neuropeptide Y are coupled to mobilization of intracellular calcium and inhibition of adenylate cyclase. <b>1990</b> , 260, 73-8	124
2144	Gap junctional permeability is affected by cell volume changes and modulates volume regulation. <b>1990</b> , 276, 6-8	12
2143	Ca <sup>2+</sup> -mobilising properties of synthetic fluoro-analogues of myo-inositol 1,4,5-trisphosphate and their interaction with myo-inositol 1,4,5-trisphosphate 3-kinase and 5-phosphatase. <b>1990</b> , 276, 91-4	25
2142	Rapid increase in inositol pentakisphosphate accumulation by nicotine in cultured adrenal chromaffin cells. <b>1990</b> , 261, 378-80	17
2141	Mitogen-induced oscillations of membrane potential and Ca <sup>2+</sup> in human fibroblasts. <b>1990</b> , 261, 35-8	12
2140	'Quantal' Ca <sup>2+</sup> release and the control of Ca <sup>2+</sup> entry by inositol phosphates--a possible mechanism. <b>1990</b> , 263, 5-9	660
2139	Inositol 1,4,5-trisphosphate activates two types of Ca <sup>2+</sup> -permeable channels in human carcinoma cells. <b>1990</b> , 277, 233-4	36
2138	Intracellular aluminium inhibits acetylcholine- and caffeine-evoked Ca <sup>2+</sup> mobilization. <b>1990</b> , 267, 301-4	21
2137	High-affinity inositol 1,3,4,5-tetrakisphosphate receptor from cerebellum: solubilization, partial purification and characterization. <b>1990</b> , 268, 194-8	30
2136	Modulation of calcium mobilization by guanosine 5'-O-(2-thiodiphosphate) in <i>Xenopus</i> oocytes. <b>1990</b> , 269, 135-8	3
2135	Injected inositol 1,4,5-trisphosphate activates Ca <sup>2+</sup> -sensitive K <sup>+</sup> channels in the plasmalemma of <i>Eremosphaera viridis</i> . <b>1990</b> , 269, 197-201	13
2134	Transient shift of diacylglycerol and inositol lipids induced by interferon in Daudi cells. Evidence for a different pattern between nuclei and intact cells. <b>1990</b> , 269, 465-8	32
2133	Protein kinase C in insulin releasing cells. Putative role in stimulus secretion coupling. <b>1990</b> , 268, 376-80	49

2132	Protein kinase C controls Fc gamma receptor-mediated endocytosis in human neutrophils. <b>1990</b> , 274, 93-5	17
2131	Cytoplasmic Ca <sup>2+</sup> oscillations evoked by acetylcholine or intracellular infusion of inositol trisphosphate or Ca <sup>2+</sup> can be inhibited by internal Ca <sup>2+</sup> . <b>1990</b> , 263, 206-8	39
2130	InsP <sub>3</sub> - and Ca <sup>2+</sup> (+)-induced Ca <sup>2+</sup> release in single mouse oocytes. <b>1990</b> , 275, 213-6	31
2129	The caffeine-sensitive Ca <sup>2+</sup> store in bovine adrenal chromaffin cells; an examination of its role in triggering secretion and Ca <sup>2+</sup> homeostasis. <b>1990</b> , 266, 91-5	53
2128	A calcium-independent 5-lipoxygenase system in mast/basophil PT-18 cells. <b>1990</b> , 1045, 142-6	4
2127	Phosphorylation by protein kinase C inactivates an inositol 1,4,5-trisphosphate 3-kinase purified from human platelets. <b>1990</b> , 170, 1371-6	15
2126	Cyclic GMP stimulates inositol phosphate production in cultured pituitary cells: possible implication to signal transduction. <b>1990</b> , 167, 982-92	14
2125	Inositol trisphosphate and thapsigargin discriminate endoplasmic reticulum stores of calcium in rat brain. <b>1990</b> , 172, 811-6	87
2124	Mg.ATP primes superoxide-generating responses in electropermeabilized neutrophils. <b>1990</b> , 170, 194-200	6
2123	Shear stress increases inositol trisphosphate levels in human endothelial cells. <b>1990</b> , 170, 281-7	200
2122	Hemoglobin causes release of inositol trisphosphate from vascular smooth muscle. <b>1990</b> , 171, 506-11	17
2121	Calcium free inositol (1,4,5)-trisphosphate stimulates protein kinase C dependent protein phosphorylation in nuclei isolated from mitogen-treated Swiss 3T3 cells. <b>1990</b> , 173, 149-55	20
2120	Regulation of phosphoinositide-specific phospholipase C. <b>1990</b> , 1053, 81-8	96
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2117	Effects of carbachol and (-)-N <sup>6</sup> -phenylisopropyladenosine on myocardial inositol phosphate content and force of contraction. <b>1990</b> , 101, 829-34	47
2116	Different profiles of desensitization dynamics in guinea-pig jejunal longitudinal smooth muscle after stimulation with histamine and methacholine. <b>1990</b> , 101, 881-8	19
2115	Communications. <b>1990</b> , 99, 1P-156P	

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2113	Receptor-regulated calcium entry. <b>1990</b> , 48, 427-34		55
2112	Messenger molecules in the cerebellum. <b>1990</b> , 13, 216-22		191
2111	Rapid histone H3 phosphorylation in response to growth factors, phorbol esters, okadaic acid, and protein synthesis inhibitors. <b>1991</b> , 65, 775-83		410
2110	Lithium and the phosphoinositide cycle: an example of uncompetitive inhibition and its pharmacological consequences. <b>1991</b> , 12, 297-303		190
2109	Inositol 1,4,5-trisphosphate receptor is phosphorylated by cyclic AMP-dependent protein kinase at serines 1755 and 1589. <b>1991</b> , 175, 192-8		142
2108	Calcium signalling and the triggering of secretion in adrenal chromaffin cells. <b>1991</b> , 52, 173-89		17
2107	Ca <sup>2+</sup> extrusion across plasma membrane and Ca <sup>2+</sup> uptake by intracellular stores. <b>1991</b> , 50, 191-232		87
2106	Regulation of the metabolism of 1,2-diacylglycerols and inositol phosphates that respond to receptor activation. <b>1991</b> , 49, 79-104		43
2105	Structure and function of inositol trisphosphate receptors. <b>1991</b> , 51, 97-137		142
2104	Organization of intracellular calcium signals generated by inositol lipid-dependent hormones. <b>1991</b> , 49, 223-37		24
2103	Receptor regulation of phosphoinositidase C. <b>1991</b> , 49, 329-45		24
2102	The identity of the calcium-storing, inositol 1,4,5-trisphosphate-sensitive organelle in non-muscle cells: calciosome, endoplasmic reticulum ... or both?. <b>1991</b> , 14, 310-4		69
2101	Interactions between second messengers: cyclic AMP and phospholipase A <sub>2</sub> - and phospholipase C-metabolites. <i>Life Sciences</i> , <b>1991</b> , 49, 247-59	6.8	29
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2097	Cyclic AMP counteracts mitogen-induced inositol phosphate generation and increases in intracellular Ca <sup>2+</sup> concentrations in human lymphocytes. <b>1991</b> , 103, 1288-94		36

2096	The effects of nifedipine on alpha 2-adrenoceptor-mediated contractions in several isolated blood vessels from the rabbit. <b>1991</b> , 103, 1493-9	13
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2094	Alpha-adrenoceptor subtypes in dog saphenous vein that mediate contraction and inositol phosphate production. <b>1991</b> , 102, 151-61	18
2093	Demethoxyviridin and wortmannin block phospholipase C and D activation in the human neutrophil. <b>1991</b> , 103, 1237-41	99
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2091	POSTER COMMUNICATIONS. <b>1991</b> , 104, 97P-270P	
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2088	Localization of the inositol 1,4,5-trisphosphate receptor in synaptic terminals in the vertebrate retina. <b>1991</b> , 6, 525-31	110
2087	Thrombin increases cytoplasmic Ca <sup>2+</sup> and stimulates formation of prostaglandin E <sub>2</sub> in the osteoblastic cell line MC3T3-EL. <b>1991</b> , 12, 81-90	24
2086	PLC-alpha: a common mediator of the action of estrogen and other hormones?. <b>1991</b> , 80, C187-91	38
2085	Cholera toxin-mediated inhibition of signalling in Jurkat cells is followed by, but not due to a loss of T cell receptor complex. <b>1991</b> , 182, 266-76	5
2084	Locating intracellular calcium stores. <b>1991</b> , 16, 319-20	28
2083	Inositol phosphates and intracellular calcium after bradykinin stimulation in fibroblasts from young, normal aged and Alzheimer donors. <b>1991</b> , 12, 469-73	57
2082	The cell membrane as a target for cancer chemotherapy. <b>1991</b> , 27, 281-4	24
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2076	Intradendritic release of calcium induced by glutamate in cerebellar Purkinje cells. <b>1991</b> , 7, 577-83	156
2075	Stimulatory effects of estrogen on gonadotropin-releasing hormone-induced phosphoinositide turnover in granulosa cells. <b>1991</b> , 38, 583-6	9
2074	Aspects of vertebrate neuronal voltage-activated calcium currents and their regulation. <b>1991</b> , 36, 485-520	101
2073	Calcium regulation and homeostasis. <b>1991</b> , 3, 199-205	27
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2071	Inositol-1,4,5-trisphosphate and malignant hyperthermia. <b>1991</b> , 337, 1361	23
2070	Spatial and dynamic changes in intracellular Ca <sup>2+</sup> measured by confocal laser-scanning microscopy in bullfrog sympathetic ganglion cells. <b>1991</b> , 10, 245-59	35
2069	Active Calcium Transport by Plant Cell Membranes. <b>1991</b> , 42, 285-303	165
2068	An experimental test of a model for repeated Ca <sup>2+</sup> spikes in osteoblastic cells. <b>1991</b> , 69, 433-41	4
2067	Inositol 1,4,5-trisphosphate directly opens diphtheria toxin channels. <b>1991</b> , 1069, 145-50	2
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2062	Inositol tetrakisphosphates as second messengers induce Ca(++)-dependent chloride currents in <i>Xenopus laevis</i> oocytes. <b>1991</b> , 179, 641-7	5
2061	Molecular cloning and expression of a human brain inositol 1,4,5-trisphosphate 3-kinase. <b>1991</b> , 174, 529-35	49

2060	Deoxycytidine is salvaged not only into DNA but also into phospholipid precursors. III. dCOP-diacylglycerol formation in tonsillar lymphocytes. <b>1991</b> , 174, 680-7	13
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2058	Signal transduction pathways in the induction of HLA class I antigen expression on Huh 6 cells by interferon-gamma. <b>1991</b> , 177, 610-8	3
2057	Histamine-induced inositol phosphate accumulation in type-2 astrocytes. <b>1991</b> , 177, 734-8	19
2056	Comparison between alpha-adrenergic- and K-opioidergic-mediated inositol (1,4,5)P3/inositol (1,3,4,5) P4 formation in adult cultured rat ventricular cardiomyocytes. <b>1991</b> , 179, 972-8	36
2055	Basic fibroblast growth factor is a calcium-mobilizing secretagogue in rat pancreatic acini. <b>1991</b> , 177, 166-70	17
2054	Single pulses of cytoplasmic calcium associated with phagocytosis of individual zymosan particles by macrophages. <b>1991</b> , 177, 460-5	8
2053	Evidence for multiple intracellular calcium pools in GH4C1 cells: investigations using thapsigargin. <b>1991</b> , 177, 551-8	21
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2050	Hepatocyte swelling increases inositol 1,4,5-trisphosphate, calcium and cyclic AMP concentration but antagonizes phosphorylase activation by Ca <sup>2+</sup> (+)-dependent hormones. <b>1991</b> , 278, 103-6	42
2049	Interaction of synthetic D-6-deoxy-myo-inositol 1,4,5-trisphosphate with the Ca <sup>2+</sup> (+)-releasing D-myo-inositol 1,4,5-trisphosphate receptor, and the metabolic enzymes 5-phosphatase and 3-kinase. <b>1991</b> , 278, 252-6	53
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2040	Inositol triphosphate produces different patterns of cytoplasmic Ca <sup>2+</sup> spiking depending on its concentration. <b>1991</b> , 293, 179-82	33
2039	Effects of 17-hydroxywortmannin on serine/threonine-protein kinases in human blood platelets. <b>1991</b> , 291, 363-6	3
2038	Effects of intracerebroventricular D-myo-inositol-1,2,6-trisphosphate (PP56), a proposed neuropeptide Y (NPY) antagonist, on locomotor activity, food intake, central effects of NPY and NPY-receptor binding. <b>1991</b> , 209, 27-32	24
2037	Ca <sup>2+</sup> signaling by distinct endothelin peptides in glomerular mesangial cells. <b>1991</b> , 192, 148-56	57
2036	Chick embryo muscarinic and purinergic receptors activate cytosolic Ca <sup>2+</sup> via phosphatidylinositol metabolism. <b>1991</b> , 197, 326-9	18
2035	Evidence for the involvement of protein kinase C in neurodegenerative changes in cultured human cortical neurons. <b>1991</b> , 112, 95-103	74
2034	Schistosoma mansoni: eggshell formation is regulated by pH and calcium. <b>1991</b> , 73, 295-310	55
2033	Cell-cell interactions trigger the rapid induction of a specific high mobility group-like protein during early stages of conjugation in Tetrahymena. <b>1991</b> , 143, 248-57	6
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2030	The diacylglycerol kinase inhibitor, R59949, potentiates secretion but not increased phosphorylation of a 47 kDalton protein in human platelets. <b>1991</b> , 41, 835-8	9
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2013	Receptor-coupled phospholipase D and its inhibition. <b>1991</b> , 12, 404-8	98
2012	Changes in intracellular free calcium activity in <i>Xenopus</i> eggs following imposed intracellular pH changes using weak acids and weak bases. <b>1991</b> , 1091, 242-50	7
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2010	Platelet activation by diacylglycerol or ionomycin is inhibited by nitroprusside. <b>1991</b> , 1094, 323-9	16
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2008	The PtdIns-PLC superfamily and signal transduction. <b>1991</b> , 1092, 49-71	165
2007	Cytosolic calcium responses induced by photolytic release of 1,4,5-inositol trisphosphate in single human fibroblasts. <b>1991</b> , 1092, 89-93	1

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2005	Fluorescence response in chlortetracycline-loaded neutrophils measures release of Ca <sup>2+</sup> from intracellular membrane enclosed storage sites. <b>1991</b> , 1091, 317-23	2
2004	Interactions between inositol phosphates and cytosolic free calcium following bradykinin stimulation in cultured human skin fibroblasts. <b>1991</b> , 1091, 409-16	17
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2002	Parameters to monitor aging with a possible perspective for intervention - an immunological approach. <b>1991</b> , 12, 231-8	1
2001	Regenerative release of calcium from functionally discrete subcellular stores by inositol trisphosphate. <b>1991</b> , 246, 269-74	168
2000	Changes in the levels of inositol lipids and phosphates during the differentiation of HL60 promyelocytic cells towards neutrophils or monocytes. <b>1991</b> , 245, 193-201	51
1999	Whole-cell recordings of the light induced current in dissociated Drosophila photoreceptors: evidence for feedback by calcium permeating the light-sensitive channels. <b>1991</b> , 245, 203-210	132
1998	Partial inhibition of ABA-induced stomatal closure by calcium-channel blockers. <b>1991</b> , 243, 195-201	30
1997	Quantal release of Ca <sup>2+</sup> from intracellular stores by InsP <sub>3</sub> : tests of the concept of control of Ca <sup>2+</sup> release by intraluminal Ca <sup>2+</sup> . <b>1991</b> , 243, 263-8	27
1996	Receptor activation and its biochemical consequences in astrocytes. <b>1991</b> , 633, 475-88	12
1995	Electroimmunology: membrane potential, ion-channel activities, and stimulatory signal transduction in human T lymphocytes from young and elderly. <b>1991</b> , 621, 29-39	13
1994	Inositol trisphosphate/calcium-dependent acetylcholine release evoked by bradykinin in NG108-15 rodent hybrid cells. <b>1991</b> , 635, 153-66	8
1993	The phosphatidylinositol pathway of platelets and vascular cells. <b>1991</b> , 614, 44-50	4
1992	Mitogenic effects of fibroblast growth factors in cultured fibroblasts. Interaction with the G-protein-mediated signaling pathways. <b>1991</b> , 638, 139-48	16
1991	Peptides that mimic the pseudosubstrate region of protein kinase C bind to acidic lipids in membranes. <b>1991</b> , 60, 149-59	131
1990	Hydrostatic and osmotic pressure activated channel in plant vacuole. <b>1991</b> , 60, 1326-36	59
1989	Muscarinic acetylcholine receptor-mediated phosphoinositide turnover in cultured human retinal pigment epithelium cells. <b>1991</b> , 31, 1119-27	22

1988	The agonist-stimulated accumulation of inositol phosphates is attenuated in neutrophils from male patients under chronic lithium therapy. <b>1991</b> , 30, 443-51	16
1987	Localization of an endoplasmic reticulum calcium ATPase mRNA in rat brain by in situ hybridization. <b>1991</b> , 43, 1-9	50
1986	Effect of estradiol and progesterone on phosphatidylinositol metabolism in the uterine epithelium of the mouse. <b>1991</b> , 39, 337-42	4
1985	Biochemistry, Stereochemistry, and Nomenclature of the Inositol Phosphates. <b>1991</b> , 1-19	5
1984	Hormones and signal transduction in protozoa. <b>1991</b> , 100, 41-5	18
1983	ATP, bradykinin, TRH and TSH activate the Ca(2+)-phosphatidylinositol cascade of human thyrocytes in primary culture. <b>1991</b> , 81, 175-83	58
1982	Activation of protein kinase C alters voltage dependence of a Na <sup>+</sup> channel. <b>1991</b> , 6, 165-75	103
1981	Design and synthesis of 6 $\beta$ -substituted 2 $\beta$ ,4 $\beta$ -dihydroxy-1 $\beta$ -phosphoryloxycyclohexanes, potent inhibitors of inositol monophosphatase. <b>1991</b> , 298-300	24
1980	Generation of calcium oscillations in fibroblasts by positive feedback between calcium and IP3. <b>1991</b> , 251, 75-8	295
1979	Regulation of human B-cell activation and adhesion. <b>1991</b> , 9, 97-127	144
1978	Intercellular signaling in glial cells: calcium waves and oscillations in response to mechanical stimulation and glutamate. <b>1991</b> , 6, 983-92	598
1977	Inositol 1,4,5-trisphosphate-gated channels in cerebellum: presence of multiple conductance states. <b>1991</b> , 11, 3239-45	149
1976	Oncogenic forms of the neu/HER2 tyrosine kinase are permanently coupled to phospholipase C gamma.. <b>1991</b> , 10, 2077-2086	90
1975	Agonist-induced frequency modulation of Ca <sup>2+</sup> oscillations in salt gland secretory cells. <b>1991</b> , 261, C177-84	30
1974	Inositol phosphates and [Ca <sup>2+</sup> ] <sub>i</sub> signals in a differentiating exocrine cell. <b>1991</b> , 261, C210-7	26
1973	Caffeine- and ryanodine-sensitive Ca <sup>2+</sup> stores of canine cerebrum and cerebellum neurons. <b>1991</b> , 261, C1048-54	28
1972	Review: Pharmacomechanical Coupling in Vascular Smooth Muscle Cells - An Overview -. <b>1991</b> , 55, 1-9	1
1971	Excitotoxicity, Glutamate, Calcium and Neuronal Damage. <b>1991</b> , 14, 11-18	

1970	Gonadotropins. <b>1991</b> , 25-80	8
1969	Regulation of neutrophil oxidant production. <b>1991</b> , 35-76	9
1968	Malignant hyperthermia: the roles of free radicals and calcium?. <b>1991</b> , 115-138	2
1967	Activation of muscarinic and serotonergic receptors results in phosphoinositide hydrolysis but not in mobilization of calcium in sympathetic neurons. <b>1991</b> , 28, 6-10	1
1966	Amelioration of light-induced retinal degeneration by a calcium overload blocker. Flunarizine. <b>1991</b> , 109, 554-62	49
1965	Specific inositol phosphates inhibit basal and calmodulin-stimulated Ca(2+)-ATPase activity in human erythrocyte membranes in vitro and inhibit binding of calmodulin to membranes. <b>1991</b> , 5, 2992-5	20
1964	Calcium oscillations and morphological transformations in single cultured gastric parietal cells. <b>1991</b> , 260, C67-78	159
1963	Endothelin mediates Ca influx and release in porcine coronary smooth muscle cells. <b>1991</b> , 260, C771-7	27
1962	Stimulation of Ca <sup>2+</sup> influx by endothelin-1 is subject to negative feedback by elevated intracellular Ca <sup>2+</sup> . <b>1991</b> , 260, C1273-81	28
1961	Rapid increase in inositol phosphate levels in norepinephrine-stimulated vascular smooth muscle. <b>1991</b> , 261, C17-22	18
1960	Adenosine A1-receptor coupling to phosphoinositide metabolism in pregnant guinea pig myometrium. <b>1991</b> , 261, E665-72	2
1959	The polyphosphoinositide cycle exists in the nuclei of Swiss 3T3 cells under the control of a receptor (for IGF-I) in the plasma membrane, and stimulation of the cycle increases nuclear diacylglycerol and apparently induces translocation of protein kinase. <b>1991</b> , 10, 3207-3214	343
1958	Different patterns of receptor-activated cytoplasmic Ca <sup>2+</sup> oscillations in single pancreatic acinar cells: dependence on receptor type, agonist concentration and intracellular Ca <sup>2+</sup> buffering.. <b>1991</b> , 10, 527-533	104
1957	Effects of sphingosine, staurosporine, and phorbol ester on neurites of rat sympathetic neurons growing in compartmented cultures. <b>1991</b> , 11, 1126-39	55
1956	Developmental expression of muscarinic cholinergic receptors and coupling to phospholipase C in rat sweat glands are independent of innervation. <b>1991</b> , 11, 3772-82	19
1955	Structure of a novel InsP3 receptor.. <b>1991</b> , 10, 3199-3206	302
1954	Cortical alveoli of Paramecium: a vast submembranous calcium storage compartment. <b>1991</b> , 113, 103-12	126
1953	External ATP-induced changes in [Ca <sup>2+</sup> ] <sub>i</sub> and membrane currents in mammalian atrial myocytes. <b>1991</b> , 260, C673-80	26

1952	Immunohistochemical localization of an inositol 1,4,5-trisphosphate receptor, P400, in neural tissue: studies in developing and adult mouse brain. <b>1991</b> , 11, 2075-86	125
1951	Observation of intracellular Ca <sup>2+</sup> with aequorin luminescence. <b>1991</b> , 129, 45-73	16
1950	Protein kinase C subtypes and their respective roles. <b>1991</b> , 89, 143-55	12
1949	The capacitative model for receptor-activated calcium entry. <b>1991</b> , 22, 251-69	54
1948	Mas oncogene receptor coupling and peptide specificity in Balb 3T3 and vascular smooth muscle cells. <b>1991</b> , 302, 329-34	1
1947	Effect of neuroregulators on the intracellular calcium level in the outer hair cell isolated from the guinea pig. <b>1991</b> , 53, 78-81	22
1946	Regulation of pp90rsk phosphorylation and S6 phosphotransferase activity in Swiss 3T3 cells by growth factor-, phorbol ester-, and cyclic AMP-mediated signal transduction. <b>1991</b> , 11, 1861-7	106
1945	Structure-function relationships of the mouse inositol 1,4,5-trisphosphate receptor. <b>1991</b> , 88, 4911-5	150
1944	The subtypes of the mouse inositol 1,4,5-trisphosphate receptor are expressed in a tissue-specific and developmentally specific manner. <b>1991</b> , 88, 6244-8	229
1943	Vagal Stimulation of the Heartbeat: Muscarinic Receptor Hypothesis. <b>1991</b> , 2, 262-273	28
1942	Acetylcholine induces voltage-independent increase of cytosolic calcium in mouse myotubes. <b>1991</b> , 88, 10069-73	28
1941	Ca <sup>2+</sup> Channels in Higher Plant Cells. <b>1991</b> , 3, 555	39
1940	Ion chromatographic determination of inositol tris- and tetrakisphosphates in rat brain. <b>1991</b> , 29, 528-31	6
1939	Regulation of c-fos expression in Swiss 3T3 cells: an interplay of multiple signal transduction pathways. <b>1991</b> , 47, 76-86	18
1938	Effect of sodium and calcium on basal secretory activity of rat neurohypophysial peptidergic nerve terminals. <b>1991</b> , 433, 127-44	12
1937	Activation of inositol trisphosphate-sensitive Ca <sup>2+</sup> channels of sarcoplasmic reticulum from frog skeletal muscle. <b>1991</b> , 441, 575-91	20
1936	Modulation of GABA-gated chloride currents by intracellular Ca <sup>2+</sup> in cultured porcine melanotrophs. <b>1991</b> , 437, 109-32	44
1935	Relation between muscarinic receptor cationic current and internal calcium in guinea-pig jejunal smooth muscle cells. <b>1991</b> , 441, 477-99	172



1934	Characterization of a Ca(2+)-dependent anion channel from sheep tracheal epithelium incorporated into planar bilayers. <b>1991</b> , 443, 137-59	26
1933	Caffeine inhibits inositol trisphosphate-mediated liberation of intracellular calcium in <i>Xenopus</i> oocytes. <b>1991</b> , 433, 229-40	180
1932	Genomic organization of a <i>Drosophila</i> phospholipase C, <i>norpA</i> , and molecular lesions in two temperature-sensitive mutants. <b>1991</b> , 109, 867-71	17
1931	Muscarinic enhancement of the voltage-dependent calcium current in an identified snail neuron. <b>1991</b> , 434, 85-105	12
1930	Depolarization-induced influx of sodium in response to phenylephrine in rat atrial heart muscle. <b>1991</b> , 432, 621-37	20
1929	Inositol tetrakisphosphate liberates stored Ca <sup>2+</sup> in <i>Xenopus</i> oocytes and facilitates responses to inositol trisphosphate. <b>1991</b> , 433, 207-27	36
1928	Effects of ethanol on inositol 1,3,4,5-tetrakisphosphate metabolism by rat brain homogenates. <b>1991</b> , 15, 136-40	9
1927	Secretagogue-evoked changes in intracellular free magnesium concentrations in rat pancreatic acinar cells. <b>1991</b> , 435, 483-92	20
1926	Interleukin-2, autotolerance, and autoimmunity. <b>1991</b> , 50, 147-235	62
1925	The biochemistry of ras p21. <b>1991</b> , 279 ( Pt 3), 609-31	163
1924	Inositol 1,3,4,6-tetrakisphosphate mobilizes calcium in <i>Xenopus</i> oocytes with high potency. <b>1991</b> , 273(Pt 2), 317-21	46
1923	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. <b>1991</b> , 273 ( Pt 3), 541-6	40
1922	Accumulation and metabolism of Ins(1,4,5)P <sub>3</sub> and Ins(1,3,4,5)P <sub>4</sub> in muscarinic-receptor-stimulated SH-SY5Y neuroblastoma cells. <b>1991</b> , 273 ( Pt 3), 791-4	37
1921	Measurement of picomole amounts of any inositol phosphate isomer separable by h.p.l.c. by means of a bioluminescence assay. <b>1991</b> , 274 ( Pt 3), 663-72	25
1920	Phosphatidylinositol synthase and phosphatidylinositol/inositol exchange reactions in turkey erythrocyte membranes. <b>1991</b> , 275 ( Pt 1), 187-92	37
1919	Staurosporine both activates and inhibits serine/threonine kinases in human platelets. <b>1991</b> , 275 ( Pt 2), 301-6	39
1918	Thrombin induces a biphasic 1,2-diacylglycerol production in human platelets. <b>1991</b> , 275 ( Pt 2), 355-61	37
1917	Determination of mass changes in phosphatidylinositol 4,5-bisphosphate and evidence for agonist-stimulated metabolism of inositol 1,4,5-trisphosphate in airway smooth muscle. <b>1991</b> , 275 ( Pt 2), 373-9	82

1916	Purification of a high-affinity inositol 1,3,4,5-tetrakisphosphate receptor from brain. <b>1991</b> , 275 ( Pt 2), 453-7	59
1915	Distinct structural specificities for functional coupling of the epidermal growth factor receptor to calcium-signalling versus phospholipase A2 responses. <b>1991</b> , 275 ( Pt 3), 563-7	32
1914	Bovine adrenal chromaffin cells contain an inositol 1,4,5-trisphosphate-insensitive but caffeine-sensitive Ca <sup>2+</sup> store that can be regulated by intraluminal free Ca <sup>2+</sup> . <b>1991</b> , 275 ( Pt 3), 697-701	83
1913	Characterization of high-affinity ryanodine-binding sites of rat liver endoplasmic reticulum. Differences between liver and skeletal muscle. <b>1991</b> , 276 ( Pt 1), 41-6	68
1912	Mechanisms of the stimulation of insulin release by oxytocin in normal mouse islets. <b>1991</b> , 276 ( Pt 1), 169-74	47
1911	Calcium-dependent biosynthesis of platelet-activating factor by submandibular gland cells. <b>1991</b> , 276 ( Pt 1), 175-82	16
1910	Metabolism of inositol phosphates in ATP-stimulated vascular endothelial cells. <b>1991</b> , 277 ( Pt 1), 103-10	15
1909	Involvement of the C-terminus of the inositol 1,4,5-trisphosphate receptor in Ca <sup>2+</sup> release analysed using region-specific monoclonal antibodies. <b>1991</b> , 277 ( Pt 1), 125-31	101
1908	Regeneration of soluble and particulate inositol 1,4,5-trisphosphate 5-phosphatase after SDS/polyacrylamide gel electrophoresis. <b>1991</b> , 277 ( Pt 1), 293-4	6
1907	Is decavanadate a specific inositol 1,4,5-trisphosphate receptor antagonist?. <b>1991</b> , 277 ( Pt 1), 294	16
1906	Distinction between endo-oligopeptidase A (EC 3.4.22.19) and soluble metalloendopeptidase (EC 3.4.24.15). <b>1991</b> , 277 ( Pt 1), 294-5	8
1905	Roles of Ca <sup>2+</sup> in human neutrophil responses to receptor agonists. <b>1991</b> , 277 ( Pt 3), 705-11	41
1904	Inositol 1,3,4,5,6-pentakisphosphate and inositol hexakisphosphate are inhibitors of the soluble inositol 1,3,4,5-tetrakisphosphate 3-phosphatase and the inositol 1,4,5-trisphosphate/1,3,4,5-tetrakisphosphate 5-phosphatase from pig brain. <b>1991</b> , 278 ( Pt 1), 219-24	13
1903	Inositol 1,3,4,5-tetrakisphosphate-induced Ca <sup>2+</sup> sequestration into bovine adrenal-medullary secretory vesicles. <b>1991</b> , 278 ( Pt 2), 381-5	14
1902	Characterization of the tyrosine phosphorylation of calpactin I (annexin II) induced by platelet-derived growth factor. <b>1991</b> , 278 ( Pt 2), 447-52	33
1901	Quantal Ca <sup>2+</sup> mobilization stimulated by inositol 1,4,5-trisphosphate in permeabilized hepatocytes. <b>1991</b> , 278 ( Pt 3), 705-8	120
1900	Inhibition of Ca <sup>2+</sup> inflow causes an abrupt cessation of growth-factor-induced repetitive free Ca <sup>2+</sup> transients in single NIH-3T3 cells. <b>1991</b> , 278 ( Pt 3), 849-55	14
1899	Molecular cloning and expression of a new putative inositol 1,4,5-trisphosphate 3-kinase isoenzyme. <b>1991</b> , 278 ( Pt 3), 883-6	73

1898	High-density lipoproteins induce a rapid and transient release of Ca <sup>2+</sup> in cultured fibroblasts. <b>1991</b> , 279 ( Pt 1), 29-33	35
1897	Agonist-sensitive and -insensitive intracellular Ca <sup>2+</sup> pools. Separate Ca(2+)-releasing mechanisms revealed by manoalide and benzohydroquinone. <b>1991</b> , 279 ( Pt 2), 367-75	33
1896	Engineering a bioluminescent indicator for cyclic AMP-dependent protein kinase. <b>1991</b> , 279 ( Pt 3), 727-32	27
1895	Identification of residues essential for catalysis and binding of calmodulin in rat brain inositol 1,4,5-trisphosphate 3-kinase. <b>1991</b> , 280 ( Pt 1), 125-9	31
1894	Progesterone and oestradiol increase cytosolic Ca <sup>2+</sup> in single rat hepatocytes. <b>1991</b> , 280 ( Pt 1), 273-6	34
1893	Multiple isomers of inositol pentakisphosphate in Epstein-Barr-virus- transformed (T5-1) B-lymphocytes. Identification of inositol 1,3,4,5,6-pentakisphosphate, D-inositol 1,2,4,5,6-pentakisphosphate and L-inositol 1,2,4,5,6-pentakisphosphate. <b>1991</b> , 280 ( Pt 2), 323-9	25
1892	A high-affinity inositol 1,3,4,5-tetrakisphosphate receptor protein from brain is specifically labelled by a newly synthesized photoaffinity analogue, N-(4-azidosalicyl)aminoethanol(1)-1-phospho-D-myo-inositol 3,4,5-trisphosphate. <b>1991</b> , 280 ( Pt 2), 533-9	27
1891	Masses of inositol phosphates in resting and tetanically stimulated vertebrate skeletal muscles. <b>1991</b> , 280 ( Pt 3), 631-40	34
1890	Agonist-induced Ca <sup>2+</sup> influx into human platelets is secondary to the emptying of intracellular Ca <sup>2+</sup> stores. <b>1991</b> , 280 ( Pt 3), 783-9	97
1889	Prolonged stimulation of SH-SY5Y cells with carbachol inhibits inositol 1,4,5-trisphosphate (InsP3) binding and InsP3-induced Ca <sup>2+</sup> mobilisation. <b>1991</b> , 19, 97S	0
1888	Dephosphorylation of D-myo-inositol-1,4,5-trisphosphate in testes. <b>1991</b> , 19, 105S	6
1887	Characterization of inositol 1,4,5-trisphosphate- and inositol 1,3,4,5-tetrakisphosphate-binding sites in rat cerebellum. <b>1991</b> , 274 ( Pt 3), 861-7	73
1886	Thrombin and parathyroid hormone mobilize intracellular calcium in rat osteosarcoma cells by distinct pathways. <b>1991</b> , 129, 1463-70	37
1885	Leukotriene B4 increases intracellular calcium concentration and phosphoinositide metabolism in mouse osteoblasts via cyclic adenosine 3',5'-monophosphate-independent pathways. <b>1991</b> , 129, 582-90	17
1884	A practical three-step conversion of myo-inositol into d-myo-inositol 1-phosphate. <b>1991</b> , 32, 4031-4032	11
1883	Expedient synthesis of D - myo - inositol 1,4,5 - trisphosphate and D - myo - inositol 1,4 - bisphosphate. <b>1991</b> , 32, 6167-6170	16
1882	Complexation studies on inositol-phosphates III. Cd(II), Pb(II), and Hg(II) complexes of D-myo-inositol 1,2,6 trisphosphate. <b>1991</b> , 42, 257-266	7
1881	Complexation studies on inositol-phosphates. II. Alkali-metal complexes of D-myo-inositol 1,2,6 trisphosphate. <b>1991</b> , 41, 37-44	11

1880	The physiology and biochemistry of sodium and chloride permeability pathways in epithelia. <b>1991</b> , 2, 348-362	2
1879	Small cell carcinoma of the lung: clinical and biologic aspects. <b>1991</b> , 11, 109-35	14
1878	Growth factor and oncogene signalling pathways as targets for rational anticancer drug development. <b>1991</b> , 24, 385-97	35
1877	Phospholipase C treatment of certain human target cells reduces their susceptibility to NK lysis without affecting binding or sensitivity to lytic granules. <b>1991</b> , 133, 127-37	3
1876	Induction of proliferation by high molecular weight B cell growth factor or low molecular weight B cell growth factor is associated with increases in intracellular calcium in different subpopulations of human B lymphocytes. <b>1991</b> , 134, 314-24	6
1875	Oxidative stress in mitochondria: its relationship to cellular Ca <sup>2+</sup> homeostasis, cell death, proliferation, and differentiation. <b>1991</b> , 77, 1-23	265
1874	Role of calcium in regulation of phosphoinositide signaling pathway. <b>1991</b> , 3, 19-27	10
1873	Control of growth in preimplantation embryos. <b>1991</b> , 160, 17-22	4
1872	Inositol phospholipid turnover in PAF transmembrane signalling. <b>1991</b> , 26, 1028-33	42
1871	Differential effect of diltiazem and TA-3090 on calcium homeostasis of neutrophils. <b>1991</b> , 107, 514-25	3
1870	Molecular cloning and sequence analysis of a calcium-activated neutral protease (calpain) from <i>Schistosoma mansoni</i> . <b>1991</b> , 49, 333-6	47
1869	Effect of intracellular pH on cytosolic free [Ca <sup>2+</sup> ] in human epidermoid A-431 cells. <b>1991</b> , 207, 287-96	21
1868	Scratching the back of the cortex. <b>1991</b> , 1, 257-8	3
1867	Cytoplasmic calcium oscillations: a two pool model. <b>1991</b> , 12, 63-72	166
1866	Signal-induced Ca <sup>2+</sup> oscillations: properties of a model based on Ca(2+)-induced Ca <sup>2+</sup> release. <b>1991</b> , 12, 73-85	105
1865	Spatial and temporal organization of calcium signalling in hepatocytes. <b>1991</b> , 12, 111-26	97
1864	Receptor-activated cytoplasmic Ca <sup>2+</sup> oscillations in pancreatic acinar cells: generation and spreading of Ca <sup>2+</sup> signals. <b>1991</b> , 12, 135-44	38
1863	Cytosolic Ca <sup>2+</sup> oscillations in REF52 fibroblasts: Ca(2+)-stimulated IP3 production or voltage-dependent Ca <sup>2+</sup> channels as key positive feedback elements. <b>1991</b> , 12, 153-64	51

1862	Ca <sup>2+</sup> oscillations induced by histamine H1 receptor stimulation in HeLa cells: Fura-2 and patch clamp analysis. <b>1991</b> , 12, 165-76	39
1861	Ca <sup>2+</sup> waves in astrocytes. <b>1991</b> , 12, 185-204	229
1860	The four dimensions of calcium signalling in <i>Xenopus</i> oocytes. <b>1991</b> , 12, 217-27	24
1859	Ca(2+)-oscillations and Ca(2+)-waves in mammalian cardiac and vascular smooth muscle cells. <b>1991</b> , 12, 241-54	68
1858	A model for intracellular calcium signaling and the coordinate regulation of hormone biosynthesis, receptors and secretion. <b>1991</b> , 12, 255-68	21
1857	Purified IP3 receptor from smooth muscle forms an IP3 gated and heparin sensitive Ca <sup>2+</sup> channel in planar bilayers. <b>1991</b> , 12, 505-14	72
1856	Effects of ACTH and angiotensin II on cytosolic calcium in cultured adrenal glomerulosa cells. Role of cAMP production in the ACTH effect. <b>1991</b> , 12, 655-73	57
1855	Spectrofluorimetric and image recordings of spontaneous and lectin-induced cytosolic calcium oscillations in Jurkat T cells. <b>1991</b> , 12, 325-34	19
1854	GTP-sensitivity of the energy-dependent Ca <sup>2+</sup> storage pool in permeabilized pancreatic acinar cells. <b>1991</b> , 12, 587-98	6
1853	The Ca <sup>2+</sup> release activities of D-myo-inositol 1,4,5-trisphosphate analogs are quantized. <b>1991</b> , 12, 395-401	6
1852	Regulation of plasma membrane permeability to calcium in primary cultures of rat hepatocytes. <b>1991</b> , 12, 559-75	15
1851	Phosphoinositides and synaptic function in NG108-15 neuroblastoma glioma hybrid cells. <b>1991</b> , 98, 129-137	3
1850	Properties of sympathetic neuromuscular transmission and smooth muscle cell membranes in vascular beds. <b>1991</b> , 98, 181-92	1
1849	The involvement of calcium and protein kinase C in modulating agonist-stimulated chemotaxis of human neutrophils. <b>1991</b> , 3, 73-7	10
1848	Phosphoinositide 3-kinase: a new effector in signal transduction?. <b>1991</b> , 3, 501-13	161
1847	Stimulated phosphatidylcholine hydrolysis as a signal transduction pathway in mitogenesis. <b>1991</b> , 3, 273-82	41
1846	Neuroparsins stimulate inositol phosphate formation in locust rectal cells. <b>1991</b> , 99, 57-64	3
1845	The hydrolysis of phosphatidylinositol 4-phosphate in membranes of <i>Xenopus laevis</i> oocytes: characteristics of a phosphomonoesterase. <b>1991</b> , 100, 809-16	

1844	Control of exocytosis in adrenal chromaffin cells. <b>1991</b> , 1071, 174-202		206
1843	Regulation of cell movement: the motogenic cytokines. <b>1991</b> , 1072, 81-102		67
1842	Ras p21: effects and regulation. <b>1991</b> , 1072, 215-29		23
1841	Phosphoinositides and Their Stimulated Breakdown. <b>1991</b> , 20-32		6
1840	Preparation of Optically Active myo-Inositol Derivatives as Intermediates for the Synthesis of Inositol Phosphates. <b>1991</b> , 86-102		9
1839	Chemical Modifications of Inositol Trisphosphates. <b>1991</b> , 122-131		6
1838	Spiral calcium wave propagation and annihilation in <i>Xenopus laevis</i> oocytes. <b>1991</b> , 252, 123-6		650
1837	Somatostatin promotes accumulation of phospholipids in regenerating liver tissue of rats. <b>1991</b> , 11, 1-6		3
1836	Biochemical topology: from vectorial metabolism to morphogenesis. <b>1991</b> , 11, 347-82; discussion 382-5		25
1835	Protein kinase C activating phorbol esters enhance the cyclic AMP response to parathyroid hormone, forskolin and cholera toxin in mouse calvarial bones and rat osteosarcoma cells. <b>1991</b> , 11, 203-11		2
1834	Differential electrophysiologic and inotropic effects of phenylephrine in atrial and ventricular heart muscle preparations from rats. <b>1991</b> , 344, 574-81		29
1833	Subcellular patterns of calcium release determined by G protein-specific residues of muscarinic receptors. <i>Nature</i> , <b>1991</b> , 350, 505-8	50.4	179
1832	Pathway of phosphatidylinositol(3,4,5)-trisphosphate synthesis in activated neutrophils. <i>Nature</i> , <b>1991</b> , 351, 33-9	50.4	452
1831	Bell-shaped calcium-response curves of Ins(1,4,5)P <sub>3</sub> - and calcium-gated channels from endoplasmic reticulum of cerebellum. <i>Nature</i> , <b>1991</b> , 351, 751-4	50.4	1562
1830	Activation of Ca <sup>2+</sup> entry into acinar cells by a non-phosphorylatable inositol trisphosphate. <i>Nature</i> , <b>1991</b> , 352, 162-5	50.4	186
1829	Spontaneous calcium release from inositol trisphosphate-sensitive calcium stores. <i>Nature</i> , <b>1991</b> , 352, 241-4	50.4	346
1828	Dopamine activation of the arachidonic acid cascade as a basis for D1/D2 receptor synergism. <i>Nature</i> , <b>1991</b> , 353, 164-7	50.4	261
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1826	Synergistic interactions between alpha 1- and alpha 2-adrenergic receptors in activating 3H-inositol phosphate formation in primary glial cell cultures. <b>1991</b> , 56, 953-60	18
1825	Phorbol myristate acetate inhibition of phospholipase C activation by carbachol in slices of rat brain cortex is a delayed and indirect effect. <b>1991</b> , 56, 1471-80	10
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1823	Muscarinic cholinergic stimulation of exogenous phosphatidylinositol hydrolysis is regulated by guanine nucleotides in rabbit brain cortical membranes. <b>1991</b> , 56, 1616-22	11
1822	Nerve growth factor potentiates bradykinin-induced calcium influx and release in PC12 cells. <b>1991</b> , 57, 562-74	19
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1811	Synergistic Regulation of Cytosolic Ca <sup>2+</sup> Concentration by Adenosine and alpha1-Adrenergic Agonists in Mouse Striatal Astrocytes. <b>1991</b> , 3, 539-550	28
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