

F Anthony Lai

List of Publications by Year in descending order

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Version: 2024-02-01

139
papers

9,117
citations

36303
51
h-index

43889
91
g-index

140
all docs

140
docs citations

140
times ranked

5185
citing authors

#	ARTICLE	IF	CITATIONS
1	The structure and function relationship of sperm PLC-zeta. <i>Reproduction</i> , 2022, , .	2.6	11
2	Advancing male age differentially alters levels and localization patterns of PLCzeta in sperm and testes from different mouse strains. <i>Asian Journal of Andrology</i> , 2021, 23, 178.	1.6	4
3	Impaired Binding to Juncophilin-2 and Nanostructural Alteration in CPVT Mutation. <i>Circulation Research</i> , 2021, 129, e35-e52.	4.5	19
4	Essential Role of Sperm-Specific PLC-Zeta in Egg Activation and Male Factor Infertility: An Update. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 28.	3.7	40
5	Phospholipase C zeta profiles are indicative of optimal sperm parameters and fertilisation success in patients undergoing fertility treatment. <i>Andrology</i> , 2020, 8, 1143-1159.	3.5	15
6	Arrhythmogenic calmodulin E105A mutation alters cardiac RyR2 regulation leading to cardiac dysfunction in zebrafish. <i>Annals of the New York Academy of Sciences</i> , 2019, 1448, 19-29.	3.8	7
7	Expression of sperm PLC ζ and clinical outcomes of ICSI-AOA in men affected by globozoospermia due to DPY19L2 deletion. <i>Reproductive BioMedicine Online</i> , 2018, 36, 348-355.	2.4	47
8	Phospholipase C zeta and calcium oscillations at fertilisation: The evidence, applications, and further questions. <i>Advances in Biological Regulation</i> , 2018, 67, 148-162.	2.3	31
9	Hypertrophic cardiomyopathy-linked variants of cardiac myosin-binding protein C3 display altered molecular properties and actin interaction. <i>Biochemical Journal</i> , 2018, 475, 3933-3948.	3.7	8
10	Association of cardiac myosin binding protein-C with the ryanodine receptor channel: putative retrograde regulation?. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	9
11	Male infertility-linked point mutation reveals a vital binding role for the C2 domain of sperm PLC ζ . <i>Biochemical Journal</i> , 2017, 474, 1003-1016.	3.7	28
12	Antigen unmasking enhances visualization efficacy of the oocyte activation factor, phospholipase C zeta, in mammalian sperm. <i>Molecular Human Reproduction</i> , 2017, 23, 54-67.	2.8	26
13	The role and mechanism of action of sperm PLC-zeta in mammalian fertilisation. <i>Biochemical Journal</i> , 2017, 474, 3659-3673.	3.7	26
14	Ryanodine receptors are part of the myospryn complex in cardiac muscle. <i>Scientific Reports</i> , 2017, 7, 6312.	3.3	21
15	Calsequestrin interacts directly with the cardiac ryanodine receptor luminal domain. <i>Journal of Cell Science</i> , 2016, 129, 3983-3988.	2.0	18
16	Mutations in $\text{PLC}\hat{\eta}1$ associated with hereditary leukonychia display divergent $\text{PIP}\hat{2}$ hydrolytic function. <i>FEBS Journal</i> , 2016, 283, 4502-4514.	4.7	12
17	The sperm phospholipase C- $\hat{\eta}$ and Ca^{2+} signalling at fertilization in mammals. <i>Biochemical Society Transactions</i> , 2016, 44, 267-272.	3.4	31
18	Ca^{2+} dynamics in oocytes from naturally-aged mice. <i>Scientific Reports</i> , 2016, 6, 19357.	3.3	16

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19	Genetic and Biochemical Approaches for In Vivo and In Vitro Assessment of Protein Oligomerization: The Ryanodine Receptor Case Study. Journal of Visualized Experiments, 2016, , .	0.3	3
20	Egg Activation at Fertilization by a Soluble Sperm Protein. Physiological Reviews, 2016, 96, 127-149.	28.8	66
21	Structural and functional interactions within ryanodine receptor. Biochemical Society Transactions, 2015, 43, 377-383.	3.4	9
22	Non-ventricular, Clinical, and Functional Features of the RyR2R420Q Mutation Causing Catecholaminergic Polymorphic Ventricular Tachycardia. Revista Espanola De Cardiologia (English Ed) Tj ETQq0 0 0 ogBT /Overlock 10 Tf	0.0	0
23	PLCÎ¶ or PAWP: revisiting the putative mammalian sperm factor that triggers egg activation and embryogenesis. Molecular Human Reproduction, 2015, 21, 383-388.	2.8	30
24	Functional disparity between human PAWP and PLCÎ¶ in the generation of Ca²⁺oscillations for oocyte activation. Molecular Human Reproduction, 2015, 21, 702-710.	2.8	42
25	Distinctive malfunctions of calmodulin mutations associated with heart RyR2-mediated arrhythmic disease. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 2168-2176.	2.4	28
26	Dantrolene rescues aberrant N-terminus intersubunit interactions in mutant pro-arrhythmic cardiac ryanodine receptors. Cardiovascular Research, 2015, 105, 118-128.	3.8	15
27	Essential Role of the EF-hand Domain in Targeting Sperm Phospholipase CÎ¶ to Membrane Phosphatidylinositol 4,5-Bisphosphate (PIP2). Journal of Biological Chemistry, 2015, 290, 29519-29530.	3.4	35
28	Rescue of failed oocyte activation after ICSI in a mouse model of male factor infertility by recombinant phospholipase CÎ¶. Molecular Human Reproduction, 2015, 21, 783-791.	2.8	57
29	Is PAWP the "real" sperm factor?. Asian Journal of Andrology, 2015, 17, 444.	1.6	24
30	Favourable Prognosis when Lung-Cancer Patients with Superior Vena Cava Obstruction (SVCO) are Referred Promptly to EBUS-TBNA Prior to Medical or Surgical Management. Jacobs Journal of Pulmonology, 2015, 1, .	0.0	0
31	Human PLCÂ exhibits superior fertilization potency over mouse PLCÂ in triggering the Ca2+ oscillations required for mammalian oocyte activation. Molecular Human Reproduction, 2014, 20, 489-498.	2.8	31
32	The dynamics of MAPK inactivation at fertilization in mouse eggs. Journal of Cell Science, 2014, 127, 2749-60.	2.0	13
33	N-terminus oligomerization is conserved in intracellular calcium release channels. Biochemical Journal, 2014, 459, 265-273.	3.7	9
34	Structural insights into the human RyR2 N-terminal region involved in cardiac arrhythmias. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 2897-2912.	2.5	25
35	Altered RyR2 regulation by the calmodulin F90L mutation associated with idiopathic ventricular fibrillation and early sudden cardiac death. FEBS Letters, 2014, 588, 2898-2902.	2.8	25
36	Sperm-specific post-acrosomal WW-domain binding protein (PAWP) does not cause Ca2+ release in mouse oocytes. Molecular Human Reproduction, 2014, 20, 938-947.	2.8	57

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37	Sperm-induced Ca ²⁺ release during egg activation in mammals. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1204-1211.	2.1	66
38	Where Life Begins: Sperm PLC η in Mammalian Egg Activation and Implications in Male Infertility. , 2014, , 247-262.		0
39	ATP interacts with the CPVT mutation-associated central domain of the cardiac ryanodine receptor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4426-4432.	2.4	6
40	Amino-terminus oligomerization regulates cardiac ryanodine receptor function. <i>Journal of Cell Science</i> , 2013, 126, 5042-51.	2.0	19
41	Hax ϵ 1 identified as a two ϵ pore channel (TPC) ϵ binding protein. <i>FEBS Letters</i> , 2013, 587, 3782-3786.	2.8	20
42	Sperm PLC η : From structure to Ca ²⁺ oscillations, egg activation and therapeutic potential. <i>FEBS Letters</i> , 2013, 587, 3609-3616.	2.8	74
43	Phospholipase C η rescues failed oocyte activation in a prototype of male factor infertility. <i>Fertility and Sterility</i> , 2013, 99, 76-85.	1.0	91
44	PLC ζ and the initiation of Ca ²⁺ oscillations in fertilizing mammalian eggs. <i>Cell Calcium</i> , 2013, 53, 55-62.	2.4	83
45	The dynamics of PKC α -induced phosphorylation triggered by Ca ²⁺ oscillations in mouse eggs. <i>Journal of Cellular Physiology</i> , 2013, 228, 110-119.	4.1	18
46	Chimeras of sperm PLC ζ reveal disparate protein domain functions in the generation of intracellular Ca ²⁺ oscillations in mammalian eggs at fertilization. <i>Molecular Human Reproduction</i> , 2013, 19, 852-864.	2.8	34
47	Presenilins regulate calcium homeostasis and presynaptic function via ryanodine receptors in hippocampal neurons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15091-15096.	7.1	97
48	PLC η causes Ca ²⁺ oscillations in mouse eggs by targeting intracellular and not plasma membrane PI(4,5)P ₂ . <i>Molecular Biology of the Cell</i> , 2012, 23, 371-380.	2.1	69
49	Phospholipase C η -induced Ca ²⁺ oscillations cause coincident cytoplasmic movements in human oocytes that failed to fertilize after intracytoplasmic sperm injection. <i>Fertility and Sterility</i> , 2012, 97, 742-747.	1.0	55
50	Disparate Ryanodine Receptor Association with the FK506-binding Proteins in Mammalian Heart. <i>Journal of Cell Science</i> , 2012, 125, 1759-69.	2.0	33
51	Starting a new life: Sperm PLC ζ mobilizes the Ca ²⁺ signal that induces egg activation and embryo development. <i>BioEssays</i> , 2012, 34, 126-134.	2.5	78
52	Phospholipase C η binding to PtdIns(4,5)P ₂ requires the XY-linker region. <i>Journal of Cell Science</i> , 2011, 124, 2582-2590.	2.0	63
53	Divergent effect of mammalian PLC η in generating Ca ²⁺ oscillations in somatic cells compared with eggs. <i>Biochemical Journal</i> , 2011, 438, 545-553.	3.7	28
54	Male infertility-linked point mutation disrupts the Ca ²⁺ oscillation-inducing and PIP ₂ hydrolysis activity of sperm PLC η . <i>Biochemical Journal</i> , 2011, 434, 211-217.	3.7	53

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55	Novel regulation of PLC β activity via its XY-linker. Biochemical Journal, 2011, 438, 427-432.	3.7	59
56	CMV promoter is inadequate for expression of mutant human RyR2 in transgenic rabbits. Journal of Pharmacological and Toxicological Methods, 2011, 63, 180-185.	0.7	7
57	Spatial organization of RYRs and BK channels underlying the activation of STOCs by Ca ²⁺ sparks in airway myocytes. Journal of General Physiology, 2011, 138, 195-209.	1.9	35
58	Redistribution of mitochondria leads to bursts of ATP production during spontaneous mouse oocyte maturation. Journal of Cellular Physiology, 2010, 224, 672-680.	4.1	195
59	A mechanism of ryanodine receptor modulation by FKBP12/12.6, protein kinase A, and K201. Cardiovascular Research, 2010, 85, 68-78.	3.8	34
60	Na ⁺ -dependent SR Ca ²⁺ overload induces arrhythmogenic events in mouse cardiomyocytes with a human CPVT mutation. Cardiovascular Research, 2010, 87, 50-59.	3.8	80
61	Bioinformatic mapping and production of recombinant N-terminal domains of human cardiac ryanodine receptor 2. Protein Expression and Purification, 2010, 71, 33-41.	1.3	6
62	Mineralocorticoid Modulation of Cardiac Ryanodine Receptor Activity Is Associated With Downregulation of FK506-Binding Proteins. Circulation, 2009, 119, 2179-2187.	1.6	88
63	Ryanodine receptor-mediated arrhythmias and sudden cardiac death. , 2009, 123, 151-177.		90
64	FKBP12.6 binding of ryanodine receptors carrying mutations associated with arrhythmogenic cardiac disease. Biochemical Journal, 2009, 419, 273-278.	3.7	11
65	Use of Luciferase Chimaera to Monitor PLC β Expression in Mouse Eggs. Methods in Molecular Biology, 2009, 518, 17-29.	0.9	17
66	Insights into the Three-Dimensional Organization of Ryanodine Receptors. , 2009, , 463-486.		0
67	Modification of smooth muscle Ca ²⁺ -sparks by tetracaine: Evidence for sequential RyR activation. Cell Calcium, 2008, 43, 142-154.	2.4	12
68	Ryanodine receptor arrays: not just a pretty pattern?. Trends in Cell Biology, 2008, 18, 149-156.	7.9	35
69	Regulation of diacylglycerol production and protein kinase C stimulation during sperm β -and PLC β -mediated mouse egg activation. Biology of the Cell, 2008, 100, 633-643.	2.0	36
70	Redox Sensitivity of the Ryanodine Receptor Interaction with FK506-binding Protein. Journal of Biological Chemistry, 2007, 282, 6976-6983.	3.4	60
71	Developing New Anti-Arrhythmics: Clues from the Molecular Basis of Cardiac Ryanodine Receptor (RyR2) Ca ²⁺ -Release Channel Dysfunction. Current Pharmaceutical Design, 2007, 13, 3195-3211.	1.9	13
72	Preimplantation development of mouse oocytes activated by different levels of human phospholipase C zeta. Human Reproduction, 2007, 23, 365-373.	0.9	50

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73	Alternative Splicing of Ryanodine Receptors Modulates Cardiomyocyte Ca ²⁺ Signaling and Susceptibility to Apoptosis. <i>Circulation Research</i> , 2007, 100, 874-883.	4.5	58
74	Ryanodine receptor mutations in arrhythmias: advances in understanding the mechanisms of channel dysfunction. <i>Biochemical Society Transactions</i> , 2007, 35, 946-951.	3.4	16
75	Ryanodine receptors and ventricular arrhythmias: Emerging trends in mutations, mechanisms and therapies. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, 34-50.	1.9	149
76	Binding of Phosphoinositide-specific Phospholipase C- β (PLC- β) to Phospholipid Membranes. <i>Journal of Biological Chemistry</i> , 2007, 282, 16644-16653.	3.4	83
77	Ryanodine receptor structure, function and pathophysiology. <i>New Comprehensive Biochemistry</i> , 2007, 41, 287-342.	0.1	9
78	PLC β , a sperm-specific PLC and its potential role in fertilization. <i>Biochemical Society Symposia</i> , 2007, 74, 23-36.	2.7	63
79	PLC β , a sperm-specific PLC and its potential role in fertilization. <i>Biochemical Society Symposia</i> , 2007, 74, 23.	2.7	35
80	Syntillas Release Ca ²⁺ at a Site Different from the Microdomain Where Exocytosis Occurs in Mouse Chromaffin Cells. <i>Biophysical Journal</i> , 2006, 90, 2027-2037.	0.5	33
81	PLC β (zeta): A sperm protein that triggers Ca ²⁺ oscillations and egg activation in mammals. <i>Seminars in Cell and Developmental Biology</i> , 2006, 17, 264-273.	5.0	214
82	Phosphorylation by protein kinase A changes the equilibrium binding of ryanodine receptor Ca ²⁺ channels for FKBP12. <i>Journal of Molecular and Cellular Cardiology</i> , 2006, 40, 981-982.	1.9	1
83	Role of ryanodine receptor mutations in cardiac pathology: more questions than answers?. <i>Biochemical Society Transactions</i> , 2006, 34, 913-918.	3.4	15
84	Redox regulation of the ryanodine receptor/calcium release channel. <i>Biochemical Society Transactions</i> , 2006, 34, 919-921.	3.4	33
85	Molecular nature of sulfhydryl modification by hydrogen peroxide on type 1 ryanodine receptor1. <i>Acta Pharmacologica Sinica</i> , 2006, 27, 888-894.	6.1	8
86	Ryanodine receptor interaction with the SNARE-associated protein snapin. <i>Journal of Cell Science</i> , 2006, 119, 2386-2397.	2.0	30
87	Dihydropyridine Receptors and Type 1 Ryanodine Receptors Constitute the Molecular Machinery for Voltage-Induced Ca ²⁺ Release in Nerve Terminals. <i>Journal of Neuroscience</i> , 2006, 26, 7565-7574.	3.6	49
88	Arrhythmogenesis in Catecholaminergic Polymorphic Ventricular Tachycardia. <i>Circulation Research</i> , 2006, 99, 292-298.	4.5	293
89	Arrhythmogenic Mutation-Linked Defects in Ryanodine Receptor Autoregulation Reveal a Novel Mechanism of Ca ²⁺ Release Channel Dysfunction. <i>Circulation Research</i> , 2006, 98, 88-97.	4.5	80
90	Toward a Molecular Understanding of the Structure-Function of Ryanodine Receptor Ca ²⁺ Release Channels: Perspectives From Recombinant Expression Systems. <i>Cell Biochemistry and Biophysics</i> , 2005, 42, 197-222.	1.8	23

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91	Central Domain of the Human Cardiac Muscle Ryanodine Receptor Does Not Mediate Interaction With FKBP12.6. <i>Cell Biochemistry and Biophysics</i> , 2005, 43, 203-220.	1.8	20
92	Ryanodine receptor binding to FKBP12 is modulated by channel activation state. <i>Journal of Cell Science</i> , 2005, 118, 4613-4619.	2.0	21
93	Role of Phospholipase C- η Domains in Ca ²⁺ -dependent Phosphatidylinositol 4,5-Bisphosphate Hydrolysis and Cytoplasmic Ca ²⁺ Oscillations. <i>Journal of Biological Chemistry</i> , 2005, 280, 31011-31018.	3.4	133
94	Ryanodine receptor dysfunction in arrhythmia and sudden cardiac death. <i>Future Cardiology</i> , 2005, 1, 531-541.	1.2	8
95	Interaction of FKBP12.6 with the Cardiac Ryanodine Receptor C-terminal Domain. <i>Journal of Biological Chemistry</i> , 2005, 280, 5475-5485.	3.4	58
96	Characterization of a Novel PKA Phosphorylation Site, Serine-2030, Reveals No PKA Hyperphosphorylation of the Cardiac Ryanodine Receptor in Canine Heart Failure. <i>Circulation Research</i> , 2005, 96, 847-855.	4.5	175
97	Physical Coupling between Ryanodine Receptor and Calcium Release Channels. <i>Journal of Molecular Biology</i> , 2005, 349, 538-546.	4.2	69
98	Two-dimensional crystallization of the ryanodine receptor Ca ²⁺ release channel on lipid membranes. <i>Journal of Structural Biology</i> , 2005, 149, 219-224.	2.8	42
99	Differential Ca ²⁺ sensitivity of RyR2 mutations reveals distinct mechanisms of channel dysfunction in sudden cardiac death. <i>Biochemical and Biophysical Research Communications</i> , 2005, 331, 231-238.	2.1	43
100	The cytosolic sperm factor that triggers Ca ²⁺ oscillations and egg activation in mammals is a novel phospholipase C: PLC η . <i>Reproduction</i> , 2004, 127, 431-439.	2.6	158
101	Ryanodine Receptor Regulation by Intramolecular Interaction between Cytoplasmic and Transmembrane Domains. <i>Molecular Biology of the Cell</i> , 2004, 15, 2627-2638.	2.1	63
102	Ca ²⁺ Syntillas, Miniature Ca ²⁺ Release Events in Terminals of Hypothalamic Neurons, Are Increased in Frequency by Depolarization in the Absence of Ca ²⁺ Influx. <i>Journal of Neuroscience</i> , 2004, 24, 1226-1235.	3.6	77
103	Cell cycle-dependent Ca ²⁺ oscillations in mouse embryos are regulated by nuclear targeting of PLC η . <i>Journal of Cell Science</i> , 2004, 117, 2513-2521.	2.0	126
104	Ryanodine Receptor Oligomeric Interaction. <i>Journal of Biological Chemistry</i> , 2004, 279, 14639-14648.	3.4	11
105	Functional heterogeneity of ryanodine receptor mutations associated with sudden cardiac death. <i>Cardiovascular Research</i> , 2004, 64, 52-60.	3.8	58
106	Role of FKBP12.6 in hypoxia- and norepinephrine-induced Ca ²⁺ release and contraction in pulmonary artery myocytes. <i>Cell Calcium</i> , 2004, 35, 345-355.	2.4	48
107	Phospholipase C η causes Ca ²⁺ oscillations and parthenogenetic activation of human oocytes. <i>Reproduction</i> , 2004, 128, 697-702.	2.6	146
108	Ryanodine Receptor Type I and Nicotinic Acid Adenine Dinucleotide Phosphate Receptors Mediate Ca ²⁺ Release from Insulin-containing Vesicles in Living Pancreatic β -Cells (MIN6). <i>Journal of Biological Chemistry</i> , 2003, 278, 11057-11064.	3.4	163

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109	Ryanodine Receptor Mutations Associated With Stress-Induced Ventricular Tachycardia Mediate Increased Calcium Release in Stimulated Cardiomyocytes. <i>Circulation Research</i> , 2003, 93, 531-540.	4.5	226
110	Dysregulated Ryanodine Receptors Mediate Cellular Toxicity. <i>Journal of Biological Chemistry</i> , 2003, 278, 28856-28864.	3.4	27
111	In situ modulation of the human cardiac ryanodine receptor (hRyR2) by FKBP12.6. <i>Biochemical Journal</i> , 2003, 370, 579-589.	3.7	39
112	Oligomerization of the cardiac ryanodine receptor C-terminal tail. <i>Biochemical Journal</i> , 2003, 376, 795-799.	3.7	37
113	Ryanodine stores and calcium regulation in the inner segments of salamander rods and cones. <i>Journal of Physiology</i> , 2003, 547, 761-774.	2.9	72
114	Isoform-dependent Formation of Heteromeric Ca ²⁺ Release Channels (Ryanodine Receptors). <i>Journal of Biological Chemistry</i> , 2002, 277, 41778-41785.	3.4	33
115	Î²-Dystroglycan: Subcellular Localisation in Rat Brain and Detection of a Novel Immunologically Related, Postsynaptic Density-Enriched Protein. <i>Journal of Neurochemistry</i> , 2002, 66, 2455-2459.	3.9	20
116	PLCÎ¶: a sperm-specific trigger of Ca ²⁺ oscillations in eggs and embryo development. <i>Development (Cambridge)</i> , 2002, 129, 3533-3544.	2.5	860
117	PLC zeta: a sperm-specific trigger of Ca(2+) oscillations in eggs and embryo development. <i>Development (Cambridge)</i> , 2002, 129, 3533-44.	2.5	250
118	Multiple isoforms of the ryanodine receptor are expressed in rat pancreatic acinar cells. <i>Biochemical Journal</i> , 2000, 351, 265-271.	3.7	53
119	Intrinsic lattice formation by the ryanodine receptor calcium-release channel. <i>Nature Cell Biology</i> , 2000, 2, 669-671.	10.3	113
120	The soluble mammalian sperm factor protein that triggers Ca ²⁺ oscillations in eggs: Evidence for expression of mRNA(s) coding for sperm factor protein(s) in spermatogenic cells. <i>Biology of the Cell</i> , 2000, 92, 267-275.	2.0	21
121	Novel biochemical and functional insights into nuclear Ca ²⁺ transport through IP ₃ Rs and RyRs in osteoblasts. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, F784-F791.	2.7	28
122	IP ₃ , IP ₃ receptor, and cellular senescence. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, F576-F584.	2.7	23
123	Cd38/Adp-Ribosyl Cyclase. <i>Journal of Cell Biology</i> , 1999, 146, 1161-1172.	5.2	76
124	A new function for CD38/ADP-ribosyl cyclase in nuclear Ca ²⁺ homeostasis. <i>Nature Cell Biology</i> , 1999, 1, 409-414.	10.3	159
125	The soluble sperm factor that causes Ca ²⁺ release from sea-urchin (<i>Lytechinus pictus</i>) egg homogenates also triggers Ca ²⁺ oscillations after injection into mouse eggs. <i>Biochemical Journal</i> , 1999, 341, 1-4.	3.7	55
126	Expression of Inositol 1,4,5-Trisphosphate Receptors in Mouse Oocytes and Early Embryos: The Type I Isoform Is Upregulated in Oocytes and Downregulated after Fertilization. <i>Developmental Biology</i> , 1998, 203, 451-461.	2.0	111

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127	Differential expression and regulation of ryanodine receptor and <i>myo</i> -inositol 1,4,5-trisphosphate receptor Ca ²⁺ release channels in mammalian tissues and cell lines. Biochemical Journal, 1997, 327, 251-258.	3.7	67
128	A Cytosolic Sperm Protein Factor Mobilizes Ca ²⁺ from Intracellular Stores by Activating Multiple Ca ²⁺ Release Mechanisms Independently of Low Molecular Weight Messengers. Journal of Biological Chemistry, 1997, 272, 28901-28905.	3.4	33
129	A cytosolic sperm factor triggers calcium oscillations in rat hepatocytes. Biochemical Journal, 1996, 313, 369-372.	3.7	27
130	The human cardiac muscle ryanodine receptor-calcium release channel: identification, primary structure and topological analysis. Biochemical Journal, 1996, 318, 477-487.	3.7	138
131	Evidence for distinct dystrophin C-terminal transcripts in rabbit brain. Biochemical Society Transactions, 1996, 24, 272S-272S.	3.4	0
132	Calcium oscillations in mammalian eggs triggered by a soluble sperm protein. Nature, 1996, 379, 364-368.	27.8	385
133	Ryanodine Receptor Expression in the Kidney and a Non-excitabile Kidney Epithelial Cell. Journal of Biological Chemistry, 1996, 271, 29583-29588.	3.4	33
134	Purification and Reconstitution of the Ryanodine- and Caffeine-Sensitive Ca ²⁺ Release Channel Complex from Muscle Sarcoplasmic Reticulum. Advances in Experimental Medicine and Biology, 1991, 304, 241-256.	1.6	14
135	Structure of the Calcium Release Channel of Skeletal Muscle Sarcoplasmic Reticulum and Its Regulation by Calcium. Advances in Experimental Medicine and Biology, 1990, 269, 73-77.	1.6	19
136	The muscle ryanodine receptor and its intrinsic Ca ²⁺ channel activity. Journal of Bioenergetics and Biomembranes, 1989, 21, 227-246.	2.3	148
137	Purification and reconstitution of the calcium release channel from skeletal muscle. Nature, 1988, 331, 315-319.	27.8	840
138	Sizes of opioid receptor types in rat brain membranes. European Journal of Pharmacology, 1984, 103, 349-354.	3.5	21
139	Fundamental Role for Sperm Phospholipase C α in Mammalian Fertilization. , 0, , 177-192.		1