Tobias Meyer

List of Publications by Year
in descending order

155 papers	24,064 citations	6233 80 h-index	7931 149 g-index
163 all docs	163 docs citations	163 times ranked	26265 citing authors

#	Article	IF	Citations
1	CDC7-independent G1/S transition revealed by targeted protein degradation. Nature, 2022, 605, 357-365.	13.7	38
2	Enhanced substrate stress relaxation promotes filopodia-mediated cell migration. Nature Materials, 2021, 20, 1290-1299.	13.3	111
3	LRR1-mediated replisome disassembly promotes DNA replication by recycling replisome components. Journal of Cell Biology, 2021, 220, .	2.3	9
4	Clinical CDK4/6 inhibitors induce selective and immediate dissociation of p21 from cyclin D-CDK4 to inhibit CDK2. Nature Communications, 2021, 12, 3356.	5.8	54
5	Molecular control of cell density-mediated exit to quiescence. Cell Reports, 2021, 36, 109436.	2.9	18
6	Molecular Competition in G1 Controls When Cells Simultaneously Commit to Terminally Differentiate and Exit the Cell Cycle. Cell Reports, 2020, 31, 107769.	2.9	27
7	Altered G1 signaling order and commitment point in cells proliferating without CDK4/6 activity. Nature Communications, 2020, 11, 5305.	5.8	29
8	T-Plastin reinforces membrane protrusions to bridge matrix gaps during cell migration. Nature Communications, 2020, 11, 4818.	5.8	23
9	Intravital imaging reveals cell cycle-dependent myogenic cell migration during muscle regeneration. Cell Cycle, 2020, 19, 3167-3181.	1.3	10
10	Membrane-proximal F-actin restricts local membrane protrusions and directs cell migration. Science, 2020, 368, 1205-1210.	6.0	95
11	Stress-mediated exit to quiescence restricted by increasing persistence in CDK4/6 activation. ELife, 2020, 9, .	2.8	49
12	Putting the brakes on the cell cycle: mechanisms of cellular growth arrest. Current Opinion in Cell Biology, 2019, 60, 106-113.	2.6	89
13	Transient Hysteresis in CDK4/6 Activity Underlies Passage of the Restriction Point in G1. Molecular Cell, 2019, 76, 562-573.e4.	4.5	60
14	Efficient Front-Rear Coupling in Neutrophil Chemotaxis by Dynamic Myosin II Localization. Developmental Cell, 2019, 49, 189-205.e6.	3.1	59
15	The lysosomal GPCR-like protein GPR137B regulates Rag and mTORC1 localization and activity. Nature Cell Biology, 2019, 21, 614-626.	4.6	35
16	Transcription-coupled changes in nuclear mobility of mammalian cis-regulatory elements. Science, 2018, 359, 1050-1055.	6.0	278
17	An intrinsic S/G ₂ checkpoint enforced by ATR. Science, 2018, 361, 806-810.	6.0	215
18	EMI1 switches from being a substrate to an inhibitor of APC/CCDH1 to start the cell cycle. Nature, 2018, 558, 313-317.	13.7	104

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19	Stochastic Endogenous Replication Stress Causes ATR-Triggered Fluctuations in CDK2 Activity that Dynamically Adjust Global DNA Synthesis Rates. Cell Systems, 2018, 7, 17-27.e3.	2.9	41
20	Measuring Signaling and RNA-Seq in the Same Cell Links Gene Expression to Dynamic Patterns of NF-ÎºB Activation. Cell Systems, 2017, 4, 458-469.e5.	2.9	141
21	Competing memories of mitogen and p53 signalling control cell-cycle entry. Nature, 2017, 549, 404-408.	13.7	188
22	Irreversible APC Cdh1 Inactivation Underlies the Point of No Return for Cell-Cycle Entry. Cell, 2016, 166, 167-180.	13.5	202
23	A method to rapidly create protein aggregates in living cells. Nature Communications, 2016, 7, 11689.	5.8	29
24	Phosphorylation of residues inside the <scp>SNARE</scp> complex suppresses secretory vesicle fusion. EMBO Journal, 2016, 35, 1810-1821.	3.5	40
25	PLEKHG3 enhances polarized cell migration by activating actin filaments at the cell front. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 10091-10096.	3.3	27
26	Engulfed cadherin fingers are polarized junctional structures between collectively migrating endothelialÂcells. Nature Cell Biology, 2016, 18, 1311-1323.	4.6	230
27	Fluorescent indicators for simultaneous reporting of all four cell cycle phases. Nature Methods, 2016, 13, 993-996.	9.0	171
28	Locally excitable Cdc42 signals steer cells duringÂchemotaxis. Nature Cell Biology, 2016, 18, 191-201.	4.6	166
29	Waves of actin and microtubule polymerization drive microtubule-based transport and neurite growth before single axon formation. ELife, 2016, 5, e12387.	2.8	70
30	Using light to shape chemical gradients for parallel and automated analysis of chemotaxis. Molecular Systems Biology, 2015, 11, 804.	3.2	38
31	Systematic Discovery of Human Gene Function and Principles of Modular Organization through Phylogenetic Profiling. Cell Reports, 2015, 10, 993-1006.	2.9	75
32	Phylogenetic Profiling for Probing the Modular Architecture of the Human Genome. Cell Systems, 2015, 1, 106-115.	2.9	24
33	Phosphodiesterase 4D acts downstream of Neuropilin to control Hedgehog signal transduction and the growth of medulloblastoma. ELife, 2015, 4, .	2.8	37
34	Parallel measurement of dynamic changes in translation rates in single cells. Nature Methods, 2014, 11, 86-93.	9.0	49
35	A polarized Ca2+, diacylglycerol and STIM1 signalling system regulates directed cell migration. Nature Cell Biology, 2014, 16, 133-144.	4.6	202
36	Basal p21 controls population heterogeneity in cycling and quiescent cell cycle states. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E4386-93.	3.3	100

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37	Dynamic recruitment of the curvature-sensitive protein ArhGAP44 to nanoscale membrane deformations limits exploratory filopodia initiation in neurons. ELife, 2014, 3, e03116.	2.8	50
38	Formin-mediated actin polymerization promotesSalmonellainvasion. Cellular Microbiology, 2013, 15, 2051-2063.	1.1	22
39	Dosage of Dyrk1a Shifts Cells within a p21-Cyclin D1 Signaling Map to Control the Decision to Enter the Cell Cycle. Molecular Cell, 2013, 52, 87-100.	4.5	110
40	The Proliferation-Quiescence Decision Is Controlled by a Bifurcation in CDK2 Activity at Mitotic Exit. Cell, 2013, 155, 369-383.	13.5	565
41	Neuropilin-2 contributes to tumorigenicity in a mouse model of Hedgehog pathway medulloblastoma. Journal of Neuro-Oncology, 2013, 115, 161-168.	1.4	21
42	Brg1 governs distinct pathways to direct multiple aspects of mammalian neural crest cell development. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1738-1743.	3.3	65
43	Septins Set the Stage for Orai1 to Bind STIM1 at ER-PM Junctions. Developmental Cell, 2013, 26, 116-118.	3.1	2
44	A Localized Wnt Signal Orients Asymmetric Stem Cell Division in Vitro. Science, 2013, 339, 1445-1448.	6.0	296
45	Inside-Out Connections: The ER Meets the Plasma Membrane. Cell, 2013, 153, 1423-1424.	13.5	9
46	Regulators of Calcium Homeostasis Identified by Inference of Kinetic Model Parameters from Live Single Cells Perturbed by siRNA. Science Signaling, 2013, 6, ra56.	1.6	69
47	External push and internal pull forces recruit curvature-sensing N-BAR domain proteins to the plasma membrane. Nature Cell Biology, 2012, 14, 874-881.	4.6	120
48	A Two-Dimensional ERK-AKT Signaling Code for an NGF-Triggered Cell-Fate Decision. Molecular Cell, 2012, 45, 196-209.	4.5	119
49	Cooperative Activation of PI3K by Ras and Rho Family Small GTPases. Molecular Cell, 2012, 47, 281-290.	4.5	146
50	Spatial Positive Feedback at the Onset of Mitosis. Cell, 2012, 149, 1500-1513.	13.5	122
51	Design of Experiments to Investigate Dynamic Cell Signaling Models. Methods in Molecular Biology, 2012, 880, 109-118.	0.4	3
52	Ca2+ Pulses Control Local Cycles of Lamellipodia Retraction and Adhesion along the Front of Migrating Cells. Current Biology, 2012, 22, 837-842.	1.8	123
53	STIM Proteins and the Endoplasmic Reticulum-Plasma Membrane Junctions. Annual Review of Biochemistry, 2011, 80, 973-1000.	5.0	222
54	Salmonella exploits Arl8B-directed kinesin activity to promote endosome tubulation and cell-to-cell transfer. Cellular Microbiology, 2011, 13, 1812-1823.	1.1	43

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55	Evolutionary origins of STIM1 and STIM2 within ancient Ca2+ signaling systems. Trends in Cell Biology, 2011, 21, 202-211.	3.6	89
56	Neuropilins are positive regulators of Hedgehog signal transduction. Genes and Development, 2011, 25, 2333-2346.	2.7	73
57	Antibacterial autophagy occurs at PI(3)P-enriched domains of the endoplasmic reticulum and requires Rab1 GTPase. Autophagy, 2011, 7, 17-26.	4.3	102
58	A Steering Model of Endothelial Sheet Migration Recapitulates Monolayer Integrity and Directed Collective Migration. Molecular and Cellular Biology, 2011, 31, 342-350.	1.1	74
59	A sensor for calcium uptake. Nature, 2010, 467, 283-283.	13.7	11
60	High-content imaging. Nature Biotechnology, 2010, 28, 424-425.	9.4	4
61	Cracking CRAC. Nature Cell Biology, 2010, 12, 416-418.	4.6	8
62	The Phosphoinositide Phosphatase SopB Manipulates Membrane Surface Charge and Trafficking of the Salmonella-Containing Vacuole. Cell Host and Microbe, 2010, 7, 453-462.	5.1	144
63	An electrostatic switch displaces phosphatidylinositol phosphate kinases from the membrane during phagocytosis. Journal of General Physiology, 2010, 135, i1-i1.	0.9	0
64	An electrostatic switch displaces phosphatidylinositol phosphate kinases from the membrane during phagocytosis. Journal of Cell Biology, 2009, 187, 701-714.	2.3	86
65	Quantitative analysis of cell cycle phase durations and PC12 differentiation using fluorescent biosensors. Cell Cycle, 2009, 8, 1044-1052.	1.3	123
66	Optimal Experimental Design for Parameter Estimation of a Cell Signaling Model. PLoS Computational Biology, 2009, 5, e1000558.	1.5	114
67	Regulated RalBP1 Binding to RalA and PSD-95 Controls AMPA Receptor Endocytosis and LTD. PLoS Biology, 2009, 7, e1000187.	2.6	57
68	Calcium Flickers Lighting the Way in Chemotaxis?. Developmental Cell, 2009, 16, 160-161.	3.1	21
69	A Genome-wide siRNA Screen Reveals Diverse Cellular Processes and Pathways that Mediate Genome Stability. Molecular Cell, 2009, 35, 228-239.	4.5	482
70	A phosphorylation-dependent intramolecular interaction regulates the membrane association and activity of the tumor suppressor PTEN. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 480-485.	3.3	242
71	Suspended-drop electroporation for high-throughput delivery of biomolecules into cells. Nature Methods, 2008, 5, 393-395.	9.0	50
72	Robust Neuronal Symmetry Breaking by Ras-Triggered Local Positive Feedback. Current Biology, 2008, 18, 44-50.	1.8	110

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73	Feedback Loops Shape Cellular Signals in Space and Time. Science, 2008, 322, 390-395.	6.0	415
74	Comprehensive Identification of PIP3-Regulated PH Domains from C. elegans to H. sapiens by Model Prediction and Live Imaging. Molecular Cell, 2008, 30, 381-392.	4.5	150
75	Modular control of endothelial sheet migration. Genes and Development, 2008, 22, 3268-3281.	2.7	239
76	Dissecting the role of PtdIns(4,5)P2 in endocytosis and recycling of the transferrin receptor. Journal of Cell Science, 2008, 121, 1488-1494.	1.2	73
77	Phospholipase D Activity Regulates Integrin-mediated Cell Spreading and Migration by Inducing GTP-Rac Translocation to the Plasma Membrane. Molecular Biology of the Cell, 2008, 19, 3111-3123.	0.9	84
78	A nucleostemin family GTPase, NS3, acts in serotonergic neurons to regulate insulin signaling and control body size. Genes and Development, 2008, 22, 1877-1893.	2.7	88
79	Synthetic Activation of Endogenous PI3K and Rac Identifies an AND-Gate Switch for Cell Polarization and Migration. PLoS ONE, 2008, 3, e3068.	1.1	126
80	A Transgenic Mouse Model for High Content, Cell Cycle Phenotype Screening in Live Primary Cells. Cell Cycle, 2007, 6, 2276-2283.	1.3	8
81	The Alliance for Cellular Signaling Plasmid Collection. Molecular and Cellular Proteomics, 2007, 6, 413-424.	2.5	14
82	An essential role for the SHIP2-dependent negative feedback loop in neuritogenesis of nerve growth factorâ€“stimulated PC12 cells. Journal of Cell Biology, 2007, 177, 817-827.	2.3	64
83	Participation of Rab5, an Early Endosome Protein, in Hepatitis C Virus RNA Replication Machinery. Journal of Virology, 2007, 81, 4551-4563.	1.5	111
84	STIM2 Is a Feedback Regulator that Stabilizes Basal Cytosolic and Endoplasmic Reticulum Ca2+ Levels. Cell, 2007, 131, 1327-1339.	13.5	604
85	Rab10, a Target of the AS160 Rab GAP, Is Required for Insulin-Stimulated Translocation of GLUT4 to the Adipocyte Plasma Membrane. Cell Metabolism, 2007, 5, 293-303.	7.2	304
86	A network of Rab GTPases controls phagosome maturation and is modulated by Salmonella enterica serovar Typhimurium. Journal of Cell Biology, 2007, 176, 263-268.	2.3	151
87	siRNA screen of the human signaling proteome identifies the PtdIns(3,4,5)P3-mTOR signaling pathway as a primary regulator of transferrin uptake. Genome Biology, 2007, 8, R142.	13.9	54
88	Live-cell imaging reveals sequential oligomerization and local plasma membrane targeting of stromal interaction molecule 1 after Ca2+ store depletion. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9301-9306.	3.3	561
89	Cyclin A2 Regulates Nuclear-Envelope Breakdown and the Nuclear Accumulation of Cyclin B1. Current Biology, 2007, 17, 85-91.	1.8	132
90	PI(3,4,5)P3 and PI(4,5)P2 Lipids Target Proteins with Polybasic Clusters to the Plasma Membrane. Science, 2006, 314, 1458-1461.	6.0	703

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91	Synergistic Control of Protein Kinase CÂ Activity by Ionotropic and Metabotropic Glutamate Receptor Inputs in Hippocampal Neurons. Journal of Neuroscience, 2006, 26, 3404-3411.	1.7	64
92	Rapid Chemically Induced Changes of PtdIns(4,5)P2 Gate KCNQ Ion Channels. Science, 2006, 314, 1454-1457.	6.0	457
93	Protein localization studies in the age of â€˜Omicsâ€™. Current Opinion in Chemical Biology, 2005, 9, 82-87.	2.8	32
94	An inducible translocation strategy to rapidly activate and inhibit small GTPase signaling pathways. Nature Methods, 2005, 2, 415-418.	9.0	379
95	STIM Is a Ca2+ Sensor Essential for Ca2+-Store-Depletion-Triggered Ca2+ Influx. Current Biology, 2005, 15, 1235-1241.	1.8	1,907
96	Reversible intracellular translocation of KRas but not HRas in hippocampal neurons regulated by Ca2+/calmodulin. Journal of Cell Biology, 2005, 170, 429-441.	2.3	133
97	Spines and neurite branches function as geometric attractors that enhance protein kinase C action. Journal of Cell Biology, 2005, 170, 1147-1158.	2.3	25
98	A Local Coupling Model and Compass Parameter for Eukaryotic Chemotaxis. Developmental Cell, 2005, 8, 215-227.	3.1	184
99	Interlinked Fast and Slow Positive Feedback Loops Drive Reliable Cell Decisions. Science, 2005, 310, 496-498.	6.0	421
100	Function Oriented Synthesis: The Design, Synthesis, PKC Binding and Translocation Activity of a New Bryostatin Analog. Current Drug Discovery Technologies, 2004, 1, 1-11.	0.6	48
101	The neural F-box protein NFB42 mediates the nuclear export of the herpes simplex virus type 1 replication initiator protein (UL9 protein) after viral infection. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 4036-4040.	3.3	25
102	A Critical Intramolecular Interaction for Protein Kinase CÏµ Translocation. Journal of Biological Chemistry, 2004, 279, 15831-15840.	1.6	50
103	Probing the precision of the mitotic clock with a live-cell fluorescent biosensor. Nature Biotechnology, 2004, 22, 306-312.	9.4	38
104	Simplified Analogs of Bryostatin with Anticancer Activity Display Greater Potency for Translocation of PKCÎ´-GFP. Chemistry and Biology, 2004, 11, 1261-1267.	6.2	29
105	Fluorescence imaging of signaling networks. Trends in Cell Biology, 2003, 13, 101-106.	3.6	62
106	Recombinant Dicer efficiently converts large dsRNAs into siRNAs suitable for gene silencing. Nature Biotechnology, 2003, 21, 324-328.	9.4	200
107	Switch-of-Function Mutants Based on Morphology Classification of Ras Superfamily Small GTPases. Cell, 2003, 113, 315-328.	13.5	102
108	Selective Regulation of Neurite Extension and Synapse Formation by the Î² but not the Î± Isoform of CaMKII. Neuron, 2003, 39, 283-297.	3.8	302

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109	Specific Localization and Timing in Neuronal Signal Transduction Mediated by Protein-Lipid Interactions. Neuron, 2003, 40, 319-330.	3.8	44
110	An ultrasensitive Ca2+/calmodulin-dependent protein kinase II-protein phosphatase 1 switch facilitates specificity in postsynaptic calcium signaling. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10512-10517.	3.3	174
111	Single Cell Imaging of PI3K Activity and Glucose Transporter Insertion Into the Plasma Membrane by Dual Color Evanescent Wave Microscopy. Science Signaling, 2003, 2003, pl4-pl4.	1.6	26
112	Parallel Single-Cell Monitoring of Receptor-Triggered Membrane Translocation of a Calcium-Sensing Protein Module. Science, 2002, 295, 1910-1912.	6.0	83
113	A PI3-Kinase Signaling Code for Insulin-Triggered Insertion of Glucose Transporters into the Plasma Membrane. Current Biology, 2002, 12, 1871-1876.	1.8	81
114	Molecular mechanisms of CaMKII activation in neuronal plasticity. Current Opinion in Neurobiology, 2002, 12, 293-299.	2.0	175
115	Overview of the Alliance for Cellular Signaling. Nature, 2002, 420, 703-706.	13.7	134
116	Elimination of host cell PtdIns(4,5)P2 by bacterial SigD promotes membrane fission during invasion by Salmonella. Nature Cell Biology, 2002, 4, 766-773.	4.6	281
117	Active EGF receptors have limited access to PtdIns(4,5)P2 in endosomes: implications for phospholipase C and PI 3-kinase signaling. Journal of Cell Science, 2002, 115, 303-310.	1.2	60
118	Restricted Accumulation of Phosphatidylinositol 3-Kinase Products in a Plasmalemmal Subdomain during FcÎ³ Receptor-Mediated Phagocytosis. Journal of Cell Biology, 2001, 153, 1369-1380.	2.3	266
119	Control of astrocyte Ca2+ oscillations and waves by oscillating translocation and activation of protein kinase C. Current Biology, 2001, 11, 1089-1097.	1.8	132
120	Subcellular targeting by membrane lipids. Current Opinion in Cell Biology, 2001, 13, 146-152.	2.6	254
121	Studies of signal transduction events using chimeras to green fluorescent protein. Methods in Enzymology, 2000, 327, 500-513.	0.4	19
122	Differential codes for free Ca2+â€“calmodulin signals in nucleus and cytosol. Current Biology, 2000, 10, 86-94.	1.8	64
123	In and out of the postsynaptic region: signalling proteins on the move. Trends in Cell Biology, 2000, 10, 238-244.	3.6	27
124	Localized Biphasic Changes in Phosphatidylinositol-4,5-Bisphosphate at Sites of Phagocytosis. Journal of Cell Biology, 2000, 151, 1353-1368.	2.3	489
125	Spatial Sensing in Fibroblasts Mediated by 3â€² Phosphoinositides. Journal of Cell Biology, 2000, 151, 1269-1280.	2.3	289
126	Translocation and Reversible Localization of Signaling Proteins. Cell, 2000, 103, 181-184.	13.5	222

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127	Phosphatidylinositol 4,5-Bisphosphate Functions as a Second Messenger that Regulates Cytoskeletonâ€“Plasma Membrane Adhesion. Cell, 2000, 100, 221-228.	13.5	631
128	A versatile microporation technique for the transfection of cultured CNS neurons. Journal of Neuroscience Methods, 1999, 93, 37-48.	1.3	128
129	Calciumâ€“myristoyl switches turn on new lights. Nature Cell Biology, 1999, 1, E93-E95.	4.6	17
130	Dynamic Control of CaMKII Translocation and Localization in Hippocampal Neurons by NMDA Receptor Stimulation. Science, 1999, 284, 162-167.	6.0	588
131	Receptor-induced transient reduction in plasma membrane PtdIns(4,5)P2 concentration monitored in living cells. Current Biology, 1998, 8, 343-346.	1.8	682
132	CaMKIIÎ² Functions As an F-Actin Targeting Module that Localizes CaMKIIÎ±/Î² Heterooligomers to Dendritic Spines. Neuron, 1998, 21, 593-606.	3.8	333
133	Protein Kinase C as a Molecular Machine for Decoding Calcium and Diacylglycerol Signals. Cell, 1998, 95, 307-318.	13.5	607
134	Green Fluorescent Protein (GFP)-tagged Cysteine-rich Domains from Protein Kinase C as Fluorescent Indicators for Diacylglycerol Signaling in Living Cells. Journal of Cell Biology, 1998, 140, 485-498.	2.3	330
135	Visualization of Dynamic Trafficking of a Protein Kinase C Î²II/Green Fluorescent Protein Conjugate Reveals Differences in G Protein-coupled Receptor Activation and Desensitization. Journal of Biological Chemistry, 1998, 273, 10755-10762.	1.6	101
136	Tyrosine 1101 of Tie2 Is the Major Site of Association of p85 and Is Required for Activation of Phosphatidylinositol 3-Kinase and Akt. Molecular and Cellular Biology, 1998, 18, 4131-4140.	1.1	202
137	In Vivo and In Vitro Characterization of the Sequence Requirement for Oligomer Formation of Ca²⁺/CalmodulinâEĐependent Protein Kinase IIÎ±. Journal of Neurochemistry, 1998, 70, 96-104.	2.1	41
138	Prenylation-dependent Association of Ki-Ras with Microtubules. Journal of Biological Chemistry, 1997, 272, 30362-30370.	1.6	106
139	Compartmentalized IgE Receptorâ€“mediated Signal Transduction in Living Cells. Journal of Cell Biology, 1997, 139, 1447-1454.	2.3	184
140	Control of Action Potential-Induced Ca2+Signaling in the Soma of Hippocampal Neurons by Ca2+Release from Intracellular Stores. Journal of Neuroscience, 1997, 17, 4129-4135.	1.7	58
141	Inhibition of Lyn Function in Mast Cell Activation by SH3 Domain Binding Peptides. Biochemistry, 1997, 36, 9388-9394.	1.2	29
142	Elementary Calcium-Release Units Induced by Inositol Trisphosphate. Science, 1997, 276, 1690-1693.	6.0	106
143	Calcium-Induced Restructuring of Nuclear Envelope and Endoplasmic Reticulum Calcium Stores. Cell, 1997, 89, 963-971.	13.5	232
144	Measurement of the Dissociation Time Constant of Plasma Membrane Bound Protein Domains Using GFP Fusion Tags. Microscopy and Microanalysis, 1997, 3, 167-168.	0.2	0

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145	Internal Trafficking and Surface Mobility of a Functionally Intact Î²2-Adrenergic Receptor-Green Fluorescent Protein Conjugate. Molecular Pharmacology, 1997, 51, 177-184.	1.0	223
146	Spatial dynamics of GFP-tagged proteins investigated by local fluorescence enhancement. Nature Biotechnology, 1996, 14, 1252-1256.	9.4	188
147	Reversible Desensitization of Inositol Trisphosphate-induced Calcium Release Provides a Mechanism for Repetitive Calcium Spikes. Journal of Biological Chemistry, 1996, 271, 17253-17260.	1.6	53
148	Luminal Calcium Regulates the Inositol Trisphosphate Receptor of Rat Basophilic Leukemia Cells at a Cytosolic Site. Biochemistry, 1995, 34, 12738-12746.	1.2	54
149	Localized Calcium Signals in Early Zebrafish Development. Developmental Biology, 1995, 170, 50-61.	0.9	73
150	Regulation of Nuclear Calcium Concentration. Novartis Foundation Symposium, 1995, 188, 252-278.	1.2	7
151	Dual role of calmodulin in autophosphorylation of multifunctional cam kinase may underlie decoding of calcium signals. Neuron, 1994, 12, 943-956.	3.8	479
152	Use of intracellular calcium stores from rat basophilic leukemia cells to study the molecular mechanism leading to quantal calcium release by inositol 1,4,5-trisphosphate. Biochemistry, 1993, 32, 1270-1277.	1.2	37
153	Association of the ? isoform of protein kinase C with vimentin filaments. Cytoskeleton, 1992, 22, 250-256.	4.4	54
154	Cell signalling by second messenger waves. Cell, 1991, 64, 675-678.	13.5	126
155	Kinetics of calcium channel opening by inositol 1,4,5-trisphosphate. Biochemistry, 1990, 29, 32-37.	1.2	192