Klaus M Hahn

List of Publications by Year
in descending order

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148 papers	14,741 citations	25034 57 h-index	20358 116 g-index
164 all docs	164 docs citations	164 times ranked	17123 citing authors

#	Article	IF	Citations
1	PKCÎ¸-mediated serine/threonine phosphorylations of FAK govern adhesion and protrusion dynamics within the lamellipodia of migrating breast cancer cells. Cancer Letters, 2022, 526, 112-130.	7.2	3
2	An optogenetic method for interrogating YAP1 and TAZ nuclearâ€“cytoplasmic shuttling. Journal of Cell Science, 2021, 134, .	2.0	16
3	Correcting Artifacts in Ratiometric Biosensor Imaging; an Improved Approach for Dividing Noisy Signals. Frontiers in Cell and Developmental Biology, 2021, 9, 685825.	3.7	4
4	Imaging Africa: a strategic approach to optical microscopy training in Africa. Nature Methods, 2021, 18, 847-855.	19.0	4
5	Biosensors based on peptide exposure show single molecule conformations in live cells. Cell, 2021, 184, 5670-5685.e23.	28.9	15
6	Regulation of local GTP availability controls RAC1 activity and cell invasion. Nature Communications, 2021, 12, 6091.	12.8	17
7	A multi-functional microfluidic device compatible with widefield and light sheet microscopy. Lab on A Chip, 2021, 22, 136-147.	6.0	4
8	A Computational Protocol for Regulating Protein Binding Reactions with a Light-Sensitive Protein Dimer. Journal of Molecular Biology, 2020, 432, 805-814.	4.2	6
9	Stochastic Methods for Inferring States of Cell Migration. Frontiers in Physiology, 2020, 11, 822.	2.8	1
10	Force-exerting perpendicular lateral protrusions in fibroblastic cell contraction. Communications Biology, 2020, 3, 390.	4.4	22
11	Multiplexed GTPase and GEF biosensor imaging enables network connectivity analysis. Nature Chemical Biology, 2020, 16, 826-833.	8.0	25
12	Combined Atomic Force Microscope and Volumetric Light Sheet System for Correlative Force and Fluorescence Mechanobiology Studies. Scientific Reports, 2020, 10, 8133.	3.3	29
13	A Cdc42-mediated supracellular network drives polarized forces and Drosophila egg chamber extension. Nature Communications, 2020, 11, 1921.	12.8	13
14	Deep learning enables structured illumination microscopy with low light levels and enhanced speed. Nature Communications, 2020, 11, 1934.	12.8	134
15	Engineering Optogenetic Protein Analogs. Methods in Molecular Biology, 2020, 2173, 113-126.	0.9	0
16	Spatiotemporal dynamics of GEF-H1 activation controlled by microtubule- and Src-mediated pathways. Journal of Cell Biology, 2019, 218, 3077-3097.	5.2	38
17	High Rac1 activity is functionally translated into cytosolic structures with unique nanoscale cytoskeletal architecture. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 1267-1272.	7.1	35
18	Software for lattice light-sheet imaging of FRET biosensors, illustrated with a new Rap1 biosensor. Journal of Cell Biology, 2019, 218, 3153-3160.	5.2	32

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19	Engineering proteins for allosteric control by light or ligands. Nature Protocols, 2019, 14, 1863-1883.	12.0	46
20	Membrane-Permeant, Environment-Sensitive Dyes Generate Biosensors within Living Cells. Journal of the American Chemical Society, 2019, 141, 7275-7282.	13.7	28
21	Controlling protein conformation with light. Current Opinion in Structural Biology, 2019, 57, 17-22.	5.7	25
22	Optogenetic control of cofilin and Î±TAT in living cells using Z-lock. Nature Chemical Biology, 2019, 15, 1183-1190.	8.0	36
23	VIEW-MOD: a versatile illumination engine with a modular optical design for fluorescence microscopy. Optics Express, 2019, 27, 19950.	3.4	15
24	Lightâ€Dependent Cytoplasmic Recruitment Enhances the Dynamic Range of a Nuclear Import Photoswitch. ChemBioChem, 2018, 19, 1319-1325.	2.6	15
25	Local control of intracellular microtubule dynamics by EB1 photodissociation. Nature Cell Biology, 2018, 20, 252-261.	10.3	70
26	An RNAi screen of Rho signalling networks identifies RhoH as a regulator of Rac1 in prostate cancer cell migration. BMC Biology, 2018, 16, 29.	3.8	26
27	Computational design of chemogenetic and optogenetic split proteins. Nature Communications, 2018, 9, 4042.	12.8	75
28	Profiling cellular morphodynamics by spatiotemporal spectrum decomposition. PLoS Computational Biology, 2018, 14, e1006321.	3.2	34
29	STEF/TIAM2-mediated Rac1 activity at the nuclear envelope regulates the perinuclear actin cap. Nature Communications, 2018, 9, 2124.	12.8	45
30	Functional redundancy between RAP1 isoforms in murine platelet production and function. Blood, 2018, 132, 1951-1962.	1.4	43
31	EdgeProps: A Computational Platform for Correlative Analysis of Cell Dynamics and Near-Edge Protein Activity. Methods in Molecular Biology, 2018, 1821, 47-56.	0.9	6
32	Coordination by Cdc42 of Actin, Contractility, and Adhesion for Melanoblast Movement in Mouse Skin. Current Biology, 2017, 27, 624-637.	3.9	38
33	Epigallocatechin gallate has pleiotropic effects on transmembrane signaling by altering the embedding of transmembrane domains. Journal of Biological Chemistry, 2017, 292, 9858-9864.	3.4	9
34	Spatial analysis of Cdc42 activity reveals a role for plasma membraneâ€“associated Cdc42 in centrosome regulation. Molecular Biology of the Cell, 2017, 28, 2135-2145.	2.1	19
35	Engineering Pak1 Allosteric Switches. ACS Synthetic Biology, 2017, 6, 1257-1262.	3.8	26
36	Discovery of long-range inhibitory signaling to ensure single axon formation. Nature Communications, 2017, 8, 33.	12.8	61

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37	LOVTRAP: A Versatile Method to Control Protein Function with Light. Current Protocols in Cell Biology, 2016, 73, 21.10.1-21.10.14.	2.3	20
38	Engineering extrinsic disorder to control protein activity in living cells. Science, 2016, 354, 1441-1444.	12.6	185
39	Light-induced nuclear export reveals rapid dynamics of epigenetic modifications. Nature Chemical Biology, 2016, 12, 399-401.	8.0	89
40	FRET binding antenna reports spatiotemporal dynamics of GDIâ€“Cdc42 GTPase interactions. Nature Chemical Biology, 2016, 12, 802-809.	8.0	45
41	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.	7.1	27
42	LOVTRAP: an optogenetic system for photoinduced protein dissociation. Nature Methods, 2016, 13, 755-758.	19.0	267
43	Ratiometric Imaging Using a Single Dye Enables Simultaneous Visualization of Rac1 and Cdc42 Activation. Journal of the American Chemical Society, 2016, 138, 2571-2575.	13.7	23
44	Characterization of an Engineered Src Kinase to Study Src Signaling and Biology. Methods in Molecular Biology, 2016, 1360, 157-167.	0.9	6
45	An Autism-Linked Mutation Disables Phosphorylation Control of UBE3A. Cell, 2015, 162, 795-807.	28.9	139
46	Labelling and optical erasure of synaptic memory traces in the motor cortex. Nature, 2015, 525, 333-338.	27.8	546
47	Control of Protein Activity and Cell Fate Specification via Light-Mediated Nuclear Translocation. PLoS ONE, 2015, 10, e0128443.	2.5	95
48	A Highâ€Content Assay for Biosensor Validation and for Examining Stimuli that Affect Biosensor Activity. Current Protocols in Cell Biology, 2014, 65, 14.15.1-31.	2.3	13
49	A novel fluorescent sensor protein for detecting changes in airway surface liquid glucose concentration. Biochemical Journal, 2014, 464, 213-220.	3.7	12
50	Manipulation of Endogenous Kinase Activity in Living Cells Using Photoswitchable Inhibitory Peptides. ACS Synthetic Biology, 2014, 3, 788-795.	3.8	64
51	CellGeo: A computational platform for the analysis of shape changes in cells with complex geometries. Journal of Cell Biology, 2014, 204, 443-460.	5.2	93
52	Dissecting motility signaling through activation of specific Src-effector complexes. Nature Chemical Biology, 2014, 10, 286-290.	8.0	44
53	Optogenetic approaches to cell migration and beyond. Current Opinion in Cell Biology, 2014, 30, 112-120.	5.4	81
54	User-friendly tools for quantifying the dynamics of cellular morphology and intracellular protein clusters. Methods in Cell Biology, 2014, 123, 409-427.	1.1	15

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55	Engineered kinase activation reveals unique morphodynamic phenotypes and associated trafficking for Src family isoforms. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12420-12425.	7.1	47
56	The regulation of RhoA at focal adhesions by StarD13 is important for astrocytoma cell motility. Experimental Cell Research, 2014, 321, 109-122.	2.6	30
57	Automated line scan analysis to quantify biosensor activity at the cell edge. Methods, 2014, 66, 162-167.	3.8	5
58	Fluctuation-based imaging of nuclear Rac1 activation by protein oligomerisation. Scientific Reports, 2014, 4, 4219.	3.3	23
59	Knowledge-Based Design of a Biosensor to Quantify Localized ERK Activation in Living Cells. Chemistry and Biology, 2013, 20, 847-856.	6.0	49
60	An optogenetic tool for the activation of endogenous diaphanousâ€related formins induces thickening of stress fibers without an increase in contractility. Cytoskeleton, 2013, 70, 394-407.	2.0	36
61	Environment-Sensing Merocyanine Dyes for Live Cell Imaging Applications. Bioconjugate Chemistry, 2013, 24, 215-223.	3.6	63
62	An Orally Bioavailable Chemical Probe of the Lysine Methyltransferases EZH2 and EZH1. ACS Chemical Biology, 2013, 8, 1324-1334.	3.4	399
63	Rational design of a ligand-controlled protein conformational switch. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6800-6804.	7.1	111
64	Millisecond spatiotemporal dynamics of FRET biosensors by the pair correlation function and the phasor approach to FLIM. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 135-140.	7.1	74
65	Fluctuation Analysis of Activity Biosensor Images for the Study of Information Flow in Signaling Pathways. Methods in Enzymology, 2013, 519, 253-276.	1.0	22
66	The Guanine-Nucleotide Exchange Factor SGEF Plays a Crucial Role in the Formation of Atherosclerosis. PLoS ONE, 2013, 8, e55202.	2.5	28
67	A RhoC Biosensor Reveals Differences in the Activation Kinetics of RhoA and RhoC in Migrating Cells. PLoS ONE, 2013, 8, e79877.	2.5	40
68	External push and internal pull forces recruit curvature-sensing N-BAR domain proteins to the plasma membrane. Nature Cell Biology, 2012, 14, 874-881.	10.3	120
69	Localized Tensional Forces on PECAM-1 Elicit a Global Mechanotransduction Response via the Integrin-RhoA Pathway. Current Biology, 2012, 22, 2087-2094.	3.9	153
70	Rac1 is essential in cocaine-induced structural plasticity of nucleus accumbens neurons. Nature Neuroscience, 2012, 15, 891-896.	14.8	160
71	Designing Photoswitchable Peptides Using the AsLOV2 Domain. Chemistry and Biology, 2012, 19, 507-517.	6.0	176
72	Biosensor FÃ¶rster resonance energy transfer detection by the phasor approach to fluorescence lifetime imaging microscopy. Microscopy Research and Technique, 2012, 75, 271-281.	2.2	86

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73	A biosensor generated via high-throughput screening quantifies cell edge Src dynamics. Nature Chemical Biology, 2011, 7, 437-444.	8.0	72
74	Light Regulation of Protein Dimerization and Kinase Activity in Living Cells Using Photocaged Rapamycin and Engineered FKBP. Journal of the American Chemical Society, 2011, 133, 420-423.	13.7	140
75	Redesign of the PAK1 Autoinhibitory Domain for Enhanced Stability and Affinity in Biosensor Applications. Journal of Molecular Biology, 2011, 413, 513-522.	4.2	10
76	Imaging the coordination of multiple signalling activities in living cells. Nature Reviews Molecular Cell Biology, 2011, 12, 749-756.	37.0	124
77	Patterning pallet arrays for cell selection based on high-resolution measurements of fluorescent biosensors. Analytica Chimica Acta, 2011, 696, 101-107.	5.4	5
78	Spatiotemporal Control of Small GTPases with Light Using the LOV Domain. Methods in Enzymology, 2011, 497, 393-407.	1.0	49
79	Vimentin organization modulates the formation of lamellipodia. Molecular Biology of the Cell, 2011, 22, 1274-1289.	2.1	220
80	Allosteric Activation of Kinases: Design and Application of RapR Kinases. Current Protocols in Cell Biology, 2011, 53, Unit 14.13..	2.3	14
81	High-Resolution Quantification of Focal Adhesion Spatiotemporal Dynamics in Living Cells. PLoS ONE, 2011, 6, e22025.	2.5	145
82	Engineered allosteric activation of kinases in living cells. Nature Biotechnology, 2010, 28, 743-747.	17.5	177
83	Light-mediated activation reveals a key role for Rac in collective guidance of cell movement in vivo. Nature Cell Biology, 2010, 12, 591-597.	10.3	297
84	Endogenous RhoG Is Rapidly Activated after Epidermal Growth Factor Stimulation through Multiple Guanine-Nucleotide Exchange Factors. Molecular Biology of the Cell, 2010, 21, 1629-1642.	2.1	36
85	Biosensors for Characterizing the Dynamics of Rho Family GTPases in Living Cells. Current Protocols in Cell Biology, 2010, 46, Unit 14.11.1-26.	2.3	98
86	Amiloride inhibits macropinocytosis by lowering submembranous pH and preventing Rac1 and Cdc42 signaling. Journal of Cell Biology, 2010, 188, 547-563.	5.2	731
87	Differential Regulation of Protrusion and Polarity by PI(3)K during Neutrophil Motility in Live Zebrafish. Developmental Cell, 2010, 18, 226-236.	7.0	338
88	RhoA GTPase Activation by TLR2 and TLR3 Ligands: Connecting via Src to NF-Î²B. Journal of Immunology, 2009, 182, 3522-3529.	0.8	32
89	p190RhoGAP negatively regulates Rho activity at the cleavage furrow of mitotic cells. Experimental Cell Research, 2009, 315, 1347-1359.	2.6	34
90	A genetically encoded photoactivatable Rac controls the motility of living cells. Nature, 2009, 461, 104-108.	27.8	960

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91	Coordination of Rho GTPase activities during cell protrusion. Nature, 2009, 461, 99-103.	27.8	898
92	DLCâ€1 suppresses nonâ€small cell lung cancer growth and invasion by RhoGAPâ€dependent and independent mechanisms. Molecular Carcinogenesis, 2008, 47, 326-337.	2.7	115
93	Digital differential interference contrast autofocus for highâ€resolution oilâ€immersion microscopy. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2008, 73A, 658-666.	1.5	7
94	RhoA/ROCK-mediated switching between Cdc42- and Rac1-dependent protrusion in MTLn3 carcinoma cells. Experimental Cell Research, 2008, 314, 1540-1552.	2.6	79
95	Visualizing and quantifying adhesive signals. Current Opinion in Cell Biology, 2008, 20, 541-550.	5.4	35
96	A Biosensor of S100A4 Metastasis Factor Activation:â€‰ Inhibitor Screening and Cellular Activation Dynamics. Biochemistry, 2008, 47, 986-996.	2.5	72
97	Spatial and Temporal Regulation of Focal Adhesion Kinase Activity in Living Cells. Molecular and Cellular Biology, 2008, 28, 201-214.	2.3	157
98	Design and Optimization of Genetically Encoded Fluorescent Biosensors: GTPase Biosensors. Methods in Cell Biology, 2008, 85, 63-81.	1.1	53
99	Cdc42 is required for EGF-stimulated protrusion and motility in MTLn3 carcinoma cells. Journal of Cell Science, 2007, 120, 3465-3474.	2.0	41
100	Positive feedback between Cdc42 activity and H+ efflux by the Na-H exchanger NHE1 for polarity of migrating cells. Journal of Cell Biology, 2007, 179, 403-410.	5.2	109
101	GEF-H1 Modulates Localized RhoA Activation during Cytokinesis under the Control of Mitotic Kinases. Developmental Cell, 2007, 12, 699-712.	7.0	197
102	Simple One-Pot Preparation of Water-Soluble, Cysteine-Reactive Cyanine and Merocyanine Dyes for Biological Imaging. Bioconjugate Chemistry, 2007, 18, 1344-1348.	3.6	24
103	Combining Surface Chemistry with a FRET-Based Biosensor to Study the Dynamics of RhoA GTPase Activation in Cells on Patterned Substrates. Journal of the American Chemical Society, 2007, 129, 9264-9265.	13.7	40
104	Experimental and DFT Studies:Â Novel Structural Modifications Greatly Enhance the Solvent Sensitivity of Live Cell Imaging Dyes. Journal of Physical Chemistry A, 2007, 111, 10849-10860.	2.5	25
105	Merocyanine Dyes with Improved Photostability. Organic Letters, 2007, 9, 2775-2777.	4.6	93
106	Laser-scanning velocimetry: A confocal microscopy method for quantitative measurement of cardiovascular performance in zebrafish embryos and larvae. BMC Biotechnology, 2007, 7, 40.	3.3	58
107	Digital Autofocus Methods for Automated Microscopy. Methods in Enzymology, 2006, 414, 620-632.	1.0	33
108	Spatiotemporal dynamics of RhoA activity in migrating cells. Nature, 2006, 440, 1069-1072.	27.8	734

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109	Functional proteometrics for cell migration. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2006, 69A, 563-572.	1.5	30
110	Imaging and Photobleach Correction of Meroâ€CBD, Sensor of Endogenous Cdc42 Activation. Methods in Enzymology, 2006, 406, 140-156.	1.0	46
111	PB1 Domain-Dependent Signaling Complex Is Required for Extracellular Signal-Regulated Kinase 5 Activation. Molecular and Cellular Biology, 2006, 26, 2065-2079.	2.3	43
112	Neutrophil polarization: Spatiotemporal dynamics of RhoA activity support a self-organizing mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3639-3644.	7.1	152
113	To stabilize neutrophil polarity, PIP3 and Cdc42 augment RhoA activity at the back as well as signals at the front. Journal of Cell Biology, 2006, 174, 437-445.	5.2	155
114	Vinculin Controls PTEN Protein Level by Maintaining the Interaction of the Adherens Junction Protein Î²-Catenin with the Scaffolding Protein MAGI-2. Journal of Biological Chemistry, 2005, 280, 5676-5681.	3.4	101
115	Vinculin modulation of paxillinâ€“FAK interactions regulates ERK to control survival and motility. Journal of Cell Biology, 2004, 165, 371-381.	5.2	233
116	Single-Molecule Study of Proteinâˆ’Protein Interaction Dynamics in a Cell Signaling System. Journal of Physical Chemistry B, 2004, 108, 737-744.	2.6	51
117	Density Functional Vertical Self-Consistent Reaction Field Theory for Solvatochromism Studies of Solvent-Sensitive Dyes. Journal of Physical Chemistry A, 2004, 108, 3545-3555.	2.5	45
118	Activation of Endogenous Cdc42 Visualized in Living Cells. Science, 2004, 305, 1615-1619.	12.6	370
119	A Theoretical Study of the UV/Visible Absorption and Emission Solvatochromic Properties of Solvent-Sensitive Dyes. ChemPhysChem, 2003, 4, 1084-1094.	2.1	84
120	Solvent-Sensitive Dyes to Report Protein Conformational Changes in Living Cells. Journal of the American Chemical Society, 2003, 125, 4132-4145.	13.7	155
121	Monitoring Signaling Processes in Living Cells Using Biosensors. Science Signaling, 2003, 2003, tr5-tr5.	3.6	3
122	Effects of cell tension on the small GTPase Rac. Journal of Cell Biology, 2002, 158, 153-164.	5.2	220
123	The Â subunit of AP-3 is required for efficient transport of VSV-G from the trans-Golgi network to the cell surface. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6755-6760.	7.1	89
124	Tpr is localized within the nuclear basket of the pore complex and has a role in nuclear protein export. Journal of Cell Biology, 2002, 156, 617-630.	5.2	158
125	Antiapoptotic Cdc42 Mutants Are Potent Activators of Cellular Transformationâ€. Biochemistry, 2002, 41, 12350-12358.	2.5	26
126	Facile Synthesis of Thiol-Reactive Cy3 and Cy5 Derivatives with Enhanced Water Solubility. Bioconjugate Chemistry, 2002, 13, 387-391.	3.6	31

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127	Spatial and Temporal Analysis of Rac Activation during Live Neutrophil Chemotaxis. Current Biology, 2002, 12, 2029-2034.	3.9	151
128	Live-cell fluorescent biosensors for activated signaling proteins. Current Opinion in Cell Biology, 2002, 14, 167-172.	5.4	45
129	Integrins regulate GTP-Rac localized effector interactions through dissociation of Rho-GDI. Nature Cell Biology, 2002, 4, 232-239.	10.3	304
130	GÂi3 binding to calnuc on Golgi membranes in living cells monitored by fluorescence resonance energy transfer of green fluorescent protein fusion proteins. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 14961-14966.	7.1	52
131	A Catalytic Antibody Produces Fluorescent Tracers of Gap Junction Communication in Living Cells. Journal of Biological Chemistry, 2001, 276, 49164-49168.	3.4	6
132	Characterization of Morphological and Cytoskeletal Changes in MCF10A Breast Epithelial Cells Plated on Laminin-5: Comparison with Breast Cancer Cell Line MCF7. Cell Communication and Adhesion, 2001, 8, 29-44.	1.0	12
133	Imaging spatiotemporal dynamics of Rac activation in vivo with FLAIR. Methods in Enzymology, 2000, 325, 389-400.	1.0	37
134	Watching Proteins in the Wild: Fluorescence Methods to Study Protein Dynamics in Living Cells. Traffic, 2000, 1, 755-762.	2.7	56
135	Rho Family Proteins Modulate Rapid Apoptosis Induced by Cytotoxic T Lymphocytes and Fas. Journal of Biological Chemistry, 2000, 275, 9725-9733.	3.4	234
136	Fluorescent Indicators of Peptide Cleavage in the Trafficking Compartments of Living Cells: Peptides Site-Specifically Labeled with Two Dyes. Methods, 2000, 20, 429-435.	3.8	14
137	Localized Rac Activation Dynamics Visualized in Living Cells. Science, 2000, 290, 333-337.	12.6	653
138	A Highly Efficient Method for Site-Specific Modification of Unprotected Peptides after Chemical Synthesis. Journal of the American Chemical Society, 2000, 122, 3567-3573.	13.7	23
139	A Di-acidic (DXE) Code Directs Concentration of Cargo during Export from the Endoplasmic Reticulum. Journal of Biological Chemistry, 1999, 274, 15937-15946.	3.4	139
140	Matrix Valency Regulates Integrin-mediated Lymphoid Adhesion via Syk Kinase. Journal of Cell Biology, 1999, 144, 777-788.	5.2	52
141	A long-wavelength biolabeling reagent based on the oxonol fluorophore. Journal of Fluorescence, 1995, 5, 231-235.	2.5	2
142	CTL Escape Viral Variants. Virology, 1995, 210, 29-40.	2.4	77
143	Antigen Presentation and Cytotoxic T Lymphocyte Killing Studied in Individual, Living Cells. Virology, 1994, 201, 330-340.	2.4	20
144	A photocross-linking fluorescent indicator of mitochondrial membrane potential.. Journal of Histochemistry and Cytochemistry, 1993, 41, 631-634.	2.5	4

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145	Patterns of elevated free calcium and calmodulin activation in living cells. Nature, 1992, 359, 736-738.	27.8	171
146	SYNTHESIS AND EVALUATION OF 2-DIAZO-3,3,3-TRIFLUOROPROPANOYL DERIVATIVES OF COLCHICINE AND PODOPHYLLOTOXIN AS PHOTOAFFINITY LABELS: REACTIVITY, PHOTOCHEMISTRY, AND TUBULIN BINDING. Photochemistry and Photobiology, 1992, 55, 17-27.	2.5	11
147	Structural requirements for the binding of colchicine analogs to tubulin: the role of the C-10 substituent. Bioorganic and Medicinal Chemistry Letters, 1991, 1, 471-476.	2.2	7
148	A stable diazo photoaffinity label with high absorptivity and effective photoactivation beyond 300 nm. Analytical Biochemistry, 1991, 196, 271-278.	2.4	2