

# Manuela Zacco

## List of Publications by Year in descending order

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128  
papers

8,720  
citations

36303

51  
h-index

46799

89  
g-index

132  
all docs

132  
docs citations

132  
times ranked

7883  
citing authors

#	ARTICLE	IF	CITATIONS
1	CNP regulates cardiac contractility and increases cGMP near both SERCA and TnI: difference from BNP visualized by targeted cGMP biosensors. <i>Cardiovascular Research</i> , 2022, 118, 1506-1519.	3.8	13
2	Deciphering cellular signals in adult mouse sinoatrial node cells. <i>IScience</i> , 2022, 25, 103693.	4.1	4
3	Quantitative Phosphoproteomics to Study cAMP Signaling. <i>Methods in Molecular Biology</i> , 2022, 2483, 281-296.	0.9	0
4	Micro-2D Cell Culture for cAMP Measurements Using FRET Reporters in Human iPSC-Derived Cardiomyocytes. <i>Methods in Molecular Biology</i> , 2022, 2483, 141-165.	0.9	0
5	Receptor-associated independent cAMP nanodomains mediate spatiotemporal specificity of GPCR signaling. <i>Cell</i> , 2022, 185, 1130-1142.e11.	28.9	85
6	Abnormal Cyclic Nucleotide Signaling at the Outer Mitochondrial Membrane In Sympathetic Neurons During the Early Stages of Hypertension. <i>Hypertension</i> , 2022, 79, 1374-1384.	2.7	2
7	Axelrod Symposium 2019: Phosphoproteomic Analysis of G-Proteinâ€‘Coupled Pathways. <i>Molecular Pharmacology</i> , 2021, 99, 383-391.	2.3	12
8	IP <sub>3</sub> -mediated Ca <sup>2+</sup> release regulates atrial Ca <sup>2+</sup> transients and pacemaker function by stimulation of adenylyl cyclases. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H95-H107.	3.2	22
9	Oxidation of Protein Kinase A Regulatory Subunit PKARÎ± Protects Against Myocardial Ischemia-Reperfusion Injury by Inhibiting Lysosomal-Triggered Calcium Release. <i>Circulation</i> , 2021, 143, 449-465.	1.6	29
10	Subcellular Organization of the cAMP Signaling Pathway. <i>Pharmacological Reviews</i> , 2021, 73, 278-309.	16.0	139
11	Compartmentalized cAMP signaling in arterial myocytes. <i>FASEB Journal</i> , 2021, 35, .	0.5	0
12	Stressâ€‘induced protein dermcidin develops diabetes targeting GLUT4/insulin/viaNO/cGMP inhibition.. <i>British Journal of Pharmacology</i> , 2021, , .	5.4	1
13	AKAP79 Orchestrates a Cyclic AMP Signalingosome Adjacent to Orai1 Ca <sup>2+</sup> Channels. <i>Function</i> , 2021, 2, zqab036.	2.3	10
14	Multi-Compartment, Early Disruption of cGMP and cAMP Signalling in Cardiac Myocytes from the mdx Model of Duchenne Muscular Dystrophy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7056.	4.1	9
15	Phosphodiesterase 2A2 regulates mitochondria clearance through Parkin-dependent mitophagy. <i>Communications Biology</i> , 2020, 3, 596.	4.4	20
16	Troponin destabilization impairs sarcomere-cytoskeleton interactions in iPSC-derived cardiomyocytes from dilated cardiomyopathy patients. <i>Scientific Reports</i> , 2020, 10, 209.	3.3	29
17	Cytoskeleton regulators CAPZA2 and INF2 associate with CFTR to control its plasma membrane levels under EPAC1 activation. <i>Biochemical Journal</i> , 2020, 477, 2561-2580.	3.7	13
18	cAMP Buffering via Liquidâ€‘Liquid Phase Separation. <i>Function</i> , 2020, 2, zqaa048.	2.3	3

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19	Abstract 14219: Oxidation of PKA-R1± Protects Against Ischemia-reperfusion Injury by Inhibiting Lysosomal-triggered Calcium Release. <i>Circulation</i> , 2020, 142, .	1.6	0
20	Whole-Cell cAMP and PKA Activity are Epiphenomena, Nanodomain Signaling Matters. <i>Physiology</i> , 2019, 34, 240-249.	3.1	40
21	Quantification and Comparison of Signals Generated by Different FRET-Based cAMP Reporters. <i>Methods in Molecular Biology</i> , 2019, 1947, 217-237.	0.9	8
22	Imaging cAMP nanodomains in the heart. <i>Biochemical Society Transactions</i> , 2019, 47, 1383-1392.	3.4	21
23	Submicroscopic cAMP/PKA Compartmentalization: Ion flux at the Cardiomyocyte Plasmalemma. <i>FASEB Journal</i> , 2019, 33, 676.6.	0.5	0
24	FRET-ting about RhoA signalling in heart and vasculature: a new tool in our cardiovascular toolbox. <i>Cardiovascular Research</i> , 2018, 114, e25-e27.	3.8	0
25	Cardiomyocyte Membrane Structure and cAMP Compartmentation Produce Anatomical Variation in $\beta^2$ AR-cAMP Responsiveness in Murine Hearts. <i>Cell Reports</i> , 2018, 23, 459-469.	6.4	51
26	cAMP: From Long-Range Second Messenger to Nanodomain Signalling. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 209-222.	8.7	95
27	Adrenaline Stimulates Glucagon Secretion by Tpc2-Dependent Ca <sup>2+</sup> Mobilization From Acidic Stores in Pancreatic $\beta$ -Cells. <i>Diabetes</i> , 2018, 67, 1128-1139.	0.6	61
28	Increase in Ca <sup>2+</sup> current by sustained cAMP levels enhances proliferation rate in GH3 cells. <i>Life Sciences</i> , 2018, 192, 144-150.	4.3	6
29	Targeting FRET-Based Reporters for cAMP and PKA Activity Using AKAP79. <i>Sensors</i> , 2018, 18, 2164.	3.8	13
30	Phosphatases control PKA-dependent functional microdomains at the outer mitochondrial membrane. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6497-E6506.	7.1	41
31	Using cAMP Sensors to Study Cardiac Nanodomains. <i>Journal of Cardiovascular Development and Disease</i> , 2018, 5, 17.	1.6	23
32	Phosphodiesterase 2A as a therapeutic target to restore cardiac neurotransmission during sympathetic hyperactivity. <i>JCI Insight</i> , 2018, 3, .	5.0	19
33	PDE2A. , 2018, , 3826-3834.		1
34	Components of the mitochondrial cAMP signalosome. <i>Biochemical Society Transactions</i> , 2017, 45, 269-274.	3.4	20
35	FRET biosensor uncovers cAMP nano-domains at $\beta^2$ -adrenergic targets that dictate precise tuning of cardiac contractility. <i>Nature Communications</i> , 2017, 8, 15031.	12.8	166
36	Activation of PKA in cell requires higher concentration of cAMP than in vitro: implications for compartmentalization of cAMP signalling. <i>Scientific Reports</i> , 2017, 7, 14090.	3.3	69

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37	PDE2A2 regulates mitochondria morphology and apoptotic cell death via local modulation of cAMP/PKA signalling. <i>ELife</i> , 2017, 6, .	6.0	82
38	cAMP Compartmentalisation and Hypertrophy of the Heart: “Good” Pools of cAMP and “Bad” Pools of cAMP Coexist in the Same Cardiac Myocyte. <i>Cardiac and Vascular Biology</i> , 2017, , 117-141.	0.2	2
39	Modulation of Compartmentalised Cyclic Nucleotide Signalling via Local Inhibition of Phosphodiesterase Activity. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1672.	4.1	48
40	Control of $\beta^2$ AR- and N-methyl-D-aspartate (NMDA) Receptor-Dependent cAMP Dynamics in Hippocampal Neurons. <i>PLoS Computational Biology</i> , 2016, 12, e1004735.	3.2	22
41	Bifunctional Ligands for Inhibition of Tight-Binding Protein-Protein Interactions. <i>Bioconjugate Chemistry</i> , 2016, 27, 1900-1910.	3.6	19
42	EPAC1 activation by cAMP stabilizes CFTR at the membrane by promoting its interaction with NHERF1. <i>Journal of Cell Science</i> , 2016, 129, 2599-612.	2.0	56
43	Response to Wagner et al.: phosphodiesterase-2 “anti-adrenergic friend or hypertrophic foe in heart disease?”. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 1143-1145.	3.0	5
44	Sustained exposure to catecholamines affects cAMP/PKA compartmentalised signalling in adult rat ventricular myocytes. <i>Cellular Signalling</i> , 2016, 28, 725-732.	3.6	27
45	Correctors of mutant CFTR enhance subcortical cAMP/PKA signaling via ezrin phosphorylation and cytoskeleton organization. <i>Journal of Cell Science</i> , 2016, 129, 1128-40.	2.0	37
46	Adenoviral Transduction of FRET-Based Biosensors for cAMP in Primary Adult Mouse Cardiomyocytes. <i>Methods in Molecular Biology</i> , 2015, 1294, 103-115.	0.9	10
47	Alcohol Disrupts Levels and Function of the Cystic Fibrosis Transmembrane Conductance Regulator to Promote Development of Pancreatitis. <i>Gastroenterology</i> , 2015, 148, 427-439.e16.	1.3	159
48	Cardiac Hypertrophy Is Inhibited by a Local Pool of cAMP Regulated by Phosphodiesterase 2. <i>Circulation Research</i> , 2015, 117, 707-719.	4.5	105
49	Phosphorylation of ezrin on Thr567 is required for the synergistic activation of cell spreading by EPAC1 and protein kinase A in HEK293T cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 1749-1758.	4.1	15
50	Efficacy of B-Type Natriuretic Peptide Is Coupled to Phosphodiesterase 2A in Cardiac Sympathetic Neurons. <i>Hypertension</i> , 2015, 66, 190-198.	2.7	34
51	A Novel Approach Combining Real-Time Imaging and the Patch-Clamp Technique to Calibrate FRET-Based Reporters for cAMP in Their Cellular Microenvironment. <i>Methods in Molecular Biology</i> , 2015, 1294, 25-40.	0.9	13
52	GLP-1 stimulates insulin secretion by PKC-dependent TRPM4 and TRPM5 activation. <i>Journal of Clinical Investigation</i> , 2015, 125, 4714-4728.	8.2	145
53	Phosphodiesterases Maintain Signaling Fidelity via Compartmentalization of Cyclic Nucleotides. <i>Physiology</i> , 2014, 29, 141-149.	3.1	30
54	cAMP signaling in subcellular compartments. , 2014, 143, 295-304.		157

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55	Analysis of Compartmentalized cAMP: A Method to Compare Signals from Differently Targeted FRET Reporters. <i>Methods in Molecular Biology</i> , 2014, 1071, 59-71.	0.9	15
56	Local modulation of cystic fibrosis conductance regulator: cytoskeleton and compartmentalized cAMP signalling. <i>British Journal of Pharmacology</i> , 2013, 169, 1-9.	5.4	24
57	Phosphodiesterases and subcellular compartmentalized cAMP signaling in the cardiovascular system. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H379-H390.	3.2	62
58	PKA and PDE4D3 anchoring to AKAP9 provides distinct regulation of cAMP signals at the centrosome. <i>Journal of Cell Biology</i> , 2012, 198, 607-621.	5.2	63
59	cGMP-cAMP interplay in cardiac myocytes: a local affair with far-reaching consequences for heart function. <i>Biochemical Society Transactions</i> , 2012, 40, 11-14.	3.4	23
60	Rapsyn mediates subsynaptic anchoring of PKA type I and stabilisation of acetylcholine receptor in vivo. <i>Journal of Cell Science</i> , 2012, 125, 714-723.	2.0	38
61	Regulation of the inflammatory response of vascular endothelial cells by EPAC1. <i>British Journal of Pharmacology</i> , 2012, 166, 434-446.	5.4	54
62	Participation of Myosin Va and Pka Type I in the Regeneration of Neuromuscular Junctions. <i>PLoS ONE</i> , 2012, 7, e40860.	2.5	22
63	CFTR regulation in human airway epithelial cells requires integrity of the actin cytoskeleton and compartmentalized cAMP and PKA activity. <i>Journal of Cell Science</i> , 2012, 125, 1106-1117.	2.0	72
64	Spatial control of cAMP signalling in health and disease. <i>Current Opinion in Pharmacology</i> , 2011, 11, 649-655.	3.5	70
65	Disruption of the cyclic AMP phosphodiesterase-4 (PDE4)-HSP20 complex attenuates the $\beta_2$ -agonist induced hypertrophic response in cardiac myocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 872-883.	1.9	94
66	Local Termination of $\beta_2$ -Cyclic Adenosine Monophosphate Signals: The Role of A Kinase Anchoring Protein-Tethered Phosphodiesterases. <i>Journal of Cardiovascular Pharmacology</i> , 2011, 58, 345-353.	1.9	12
67	Cyclic nucleotide phosphodiesterase 1A: a key regulator of cardiac fibroblast activation and extracellular matrix remodeling in the heart. <i>Basic Research in Cardiology</i> , 2011, 106, 1023-1039.	5.9	91
68	A Phosphodiesterase 3B-based Signaling Complex Integrates Exchange Protein Activated by cAMP 1 and Phosphatidylinositol 3-Kinase Signals in Human Arterial Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 16285-16296.	3.4	46
69	Plasma Membrane Calcium Pump (PMCA4)-Neuronal Nitric-oxide Synthase Complex Regulates Cardiac Contractility through Modulation of a Compartmentalized Cyclic Nucleotide Microdomain. <i>Journal of Biological Chemistry</i> , 2011, 286, 41520-41529.	3.4	69
70	cGMP Signals Modulate cAMP Levels in a Compartment-Specific Manner to Regulate Catecholamine-Dependent Signaling in Cardiac Myocytes. <i>Circulation Research</i> , 2011, 108, 929-939.	4.5	143
71	Measuring Spatiotemporal Dynamics of Cyclic AMP Signaling in Real-Time Using FRET-Based Biosensors. <i>Methods in Molecular Biology</i> , 2011, 746, 297-316.	0.9	21
72	Biochemical Characterization and Cellular Imaging of a Novel, Membrane Permeable Fluorescent Camp Analog. , 2011, , 107-129.		0

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73	The Role of Type 4 Phosphodiesterases in Generating Microdomains of cAMP: Large Scale Stochastic Simulations. PLoS ONE, 2010, 5, e11725.	2.5	113
74	Regulation of cAMP-dependent Protein Kinases. Journal of Biological Chemistry, 2010, 285, 35910-35918.	3.4	19
75	Myosin Va cooperates with PKA R11± to mediate maintenance of the endplate in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2031-2036.	7.1	52
76	Small-molecule FRET probes for protein kinase activity monitoring in living cells. Biochemical and Biophysical Research Communications, 2010, 397, 750-755.	2.1	23
77	Odorant receptors at the growth cone are coupled to localized cAMP and Ca <sup>2+</sup> increases. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 3537-3542.	7.1	37
78	PKA microdomain organisation and cAMP handling in healthy and dystrophic muscle in vivo. Cellular Signalling, 2009, 21, 819-826.	3.6	19
79	cAMP signal transduction in the heart: understanding spatial control for the development of novel therapeutic strategies. British Journal of Pharmacology, 2009, 158, 50-60.	5.4	141
80	Space and time-resolved gene expression experiments on cultured mammalian cells by a single-cell electroporation microarray. New Biotechnology, 2008, 25, 55-67.	4.4	25
81	Biochemical characterization and cellular imaging of a novel, membrane permeable fluorescent cAMP analog. BMC Biochemistry, 2008, 9, 18.	4.4	17
82	Mutations in the Insulin-Like Factor 3 Receptor Are Associated With Osteoporosis. Journal of Bone and Mineral Research, 2008, 23, 683-693.	2.8	128
83	17β-Oestradiol rescues F508CFTR functional expression in human cystic fibrosis airway CFBE41o cells through the up-regulation of NHERF1. Biology of the Cell, 2008, 100, 399-412.	2.0	30
84	Developmentally acquired PKA localisation in mouse oocytes and embryos. Developmental Biology, 2008, 317, 36-45.	2.0	25
85	cAMP imaging of cells treated with pertussis toxin, cholera toxin, and anthrax edema toxin. Biochemical and Biophysical Research Communications, 2008, 376, 429-433.	2.1	18
86	Protein Kinase A Type I and Type II Define Distinct Intracellular Signaling Compartments. Circulation Research, 2008, 103, 836-844.	4.5	185
87	Heterogeneity of Second Messenger Levels in Living Cells. Novartis Foundation Symposium, 2008, 239, 85-95.	1.1	6
88	Nitroxyl Improves Cellular Heart Function by Directly Enhancing Cardiac Sarcoplasmic Reticulum Ca <sup>2+</sup> Cycling. Circulation Research, 2007, 100, 96-104.	4.5	209
89	cAMP and cGMP Signaling Cross-Talk. Circulation Research, 2007, 100, 1569-1578.	4.5	309
90	Spatiotemporal Coupling of cAMP Transporter to CFTR Chloride Channel Function in the Gut Epithelia. Cell, 2007, 131, 940-951.	28.9	191

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91	Missense mutations in Desmocollin-2 N-terminus, associated with arrhythmogenic right ventricular cardiomyopathy, affect intracellular localization of desmocollin-2 in vitro. BMC Medical Genetics, 2007, 8, 65.	2.1	61
92	Unitary permeability of gap junction channels to second messengers measured by FRET microscopy. Nature Methods, 2007, 4, 353-358.	19.0	71
93	AKAP complex regulates Ca <sup>2+</sup> reuptake into heart sarcoplasmic reticulum. EMBO Reports, 2007, 8, 1061-1067.	4.5	167
94	Transgenic fruit-flies expressing a FRET-based sensor for in vivo imaging of cAMP dynamics. Cellular Signalling, 2007, 19, 2296-2303.	3.6	34
95	Restricted diffusion of a freely diffusible second messenger: mechanisms underlying compartmentalized cAMP signalling. Biochemical Society Transactions, 2006, 34, 495-497.	3.4	70
96	A complex phosphodiesterase system controls $\beta^2$ -adrenoceptor signalling in cardiomyocytes. Biochemical Society Transactions, 2006, 34, 510-511.	3.4	29
97	Cell entry and cAMP imaging of anthrax edema toxin. EMBO Journal, 2006, 25, 5405-5413.	7.8	68
98	Compartmentalized cAMP/PKA signalling regulates cardiac excitation-contraction coupling. Journal of Muscle Research and Cell Motility, 2006, 27, 399-403.	2.0	39
99	Phosphodiesterases and compartmentalized cAMP signalling in the heart. European Journal of Cell Biology, 2006, 85, 693-697.	3.6	76
100	Imaging of cAMP Levels and Protein Kinase A Activity Reveals That Retinal Waves Drive Oscillations in Second-Messenger Cascades. Journal of Neuroscience, 2006, 26, 12807-12815.	3.6	117
101	Real-time analysis of cAMP-mediated regulation of ciliary motility in single primary human airway epithelial cells. Journal of Cell Science, 2006, 119, 4176-4186.	2.0	63
102	Compartmentalized Phosphodiesterase-2 Activity Blunts $\beta^2$ -Adrenergic Cardiac Inotropy via an NO/cGMP-Dependent Pathway. Circulation Research, 2006, 98, 226-234.	4.5	252
103	PGE1 stimulation of HEK293 cells generates multiple contiguous domains with different [cAMP]: role of compartmentalized phosphodiesterases. Journal of Cell Biology, 2006, 175, 441-451.	5.2	171
104	Imaging the cAMP-dependent signal transduction pathway1. Biochemical Society Transactions, 2005, 33, 1323.	3.4	27
105	$\beta^2$ -Adrenergic- and muscarinic receptor-induced changes in cAMP activity in adult cardiac myocytes detected with FRET-based biosensor. American Journal of Physiology - Cell Physiology, 2005, 289, C455-C461.	4.6	65
106	Protein Kinase A Gating of a Pseudopodial-located RhoA/ROCK/p38/NHE1 Signal Module Regulates Invasion in Breast Cancer Cell Lines. Molecular Biology of the Cell, 2005, 16, 3117-3127.	2.1	92
107	Study of Cyclic Adenosine Monophosphate Microdomains in Cells. , 2005, 307, 001-014.		6
108	cGMP Catabolism by Phosphodiesterase 5A Regulates Cardiac Adrenergic Stimulation by NOS3-Dependent Mechanism. Circulation Research, 2005, 96, 100-109.	4.5	191

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109	Termination of cAMP signals by Ca <sup>2+</sup> and G $\beta$ i via extracellular Ca <sup>2+</sup> sensors. <i>Journal of Cell Biology</i> , 2005, 171, 303-312.	5.2	60
110	Photon Moment Analysis in Cells in the Presence of Photo-Bleaching. <i>Applied Spectroscopy</i> , 2005, 59, 227-236.	2.2	7
111	Improvement of a FRET-based Indicator for cAMP by Linker Design and Stabilization of Donor-Acceptor Interaction. <i>Journal of Molecular Biology</i> , 2005, 354, 546-555.	4.2	67
112	Molecular basis of the allosteric mechanism of cAMP in the regulatory PKA subunit. <i>FEBS Letters</i> , 2005, 579, 2679-2685.	2.8	9
113	Measuring Dynamic Changes in cAMP Using Fluorescence Resonance Energy Transfer. , 2004, 284, 259-270.		17
114	TCR- and CD28-Mediated Recruitment of Phosphodiesterase 4 to Lipid Rafts Potentiates TCR Signaling. <i>Journal of Immunology</i> , 2004, 173, 4847-4858.	0.8	123
115	Fluorescence Resonance Energy Transfer-Based Analysis of cAMP Dynamics in Live Neonatal Rat Cardiac Myocytes Reveals Distinct Functions of Compartmentalized Phosphodiesterases. <i>Circulation Research</i> , 2004, 95, 67-75.	4.5	341
116	Detecting cAMP-induced Epac activation by fluorescence resonance energy transfer: Epac as a novel cAMP indicator. <i>EMBO Reports</i> , 2004, 5, 1176-1180.	4.5	404
117	Use of Chimeric Fluorescent Proteins and Fluorescence Resonance Energy Transfer to Monitor Cellular Responses. <i>Circulation Research</i> , 2004, 94, 866-873.	4.5	97
118	Human MYO18B, a Novel Unconventional Myosin Heavy Chain Expressed in Striated Muscles Moves into the Myonuclei upon Differentiation. <i>Journal of Molecular Biology</i> , 2003, 326, 137-149.	4.2	66
119	cAMP and Ca <sup>2+</sup> interplay: a matter of oscillation patterns. <i>Trends in Neurosciences</i> , 2003, 26, 53-55.	8.6	67
120	Spatial and Temporal Relationships of Cyclic Nucleotides in Intact Cells. , 2003, , 459-464.		0
121	Selection of Functional Antibodies on the Basis of Valency. , 2002, 178, 255-258.		2
122	Discrete Microdomains with High Concentration of cAMP in Stimulated Rat Neonatal Cardiac Myocytes. <i>Science</i> , 2002, 295, 1711-1715.	12.6	782
123	Microdomains of cAMP in heart cells. <i>Biomedicine and Pharmacotherapy</i> , 2002, 56, 313-314.	5.6	0
124	Compartmentalisation of cAMP and Ca <sup>2+</sup> signals. <i>Current Opinion in Cell Biology</i> , 2002, 14, 160-166.	5.4	110
125	A genetically encoded, fluorescent indicator for cyclic AMP in living cells. <i>Nature Cell Biology</i> , 2000, 2, 25-29.	10.3	474
126	Imaging Signal Transduction in Living Cells with GFP-Based Probes. <i>IUBMB Life</i> , 2000, 49, 375-379.	3.4	26



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127	Dimerization of Fab fragments enables ready screening of phage antibodies that affect hepatocyte growth factor/scatter factor activity on target cells. European Journal of Immunology, 1997, 27, 618-623.	2.9	10
128	Phosphodiesterase 2A, cGMP stimulated. The AFCS-nature Molecule Pages, 0, , .	0.2	1