

Nicolas Demaurex

List of Publications by Year in descending order

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136
papers

12,558
citations

27035

58
h-index

27587

110
g-index

141
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141
docs citations

141
times ranked

15865
citing authors

#	ARTICLE	IF	CITATIONS
1	The mammalian trafficking chaperone protein UNC93B1 maintains the ER calcium sensor STIM1 in a dimeric state primed for translocation to the ER cortex. <i>Journal of Biological Chemistry</i> , 2022, 298, 101607.	1.6	3
2	Enforced tethering elongates the cortical endoplasmic reticulum and limits store-operated Ca ²⁺ entry. <i>Journal of Cell Science</i> , 2022, 135, .	1.2	7
3	The TAM-associated STIM1I484R mutation increases ORAI1 channel function due to a reduced STIM1 inactivation break and an absence of microtubule trapping. <i>Cell Calcium</i> , 2022, 105, 102615.	1.1	8
4	Simultaneous determination of intraluminal lysosomal calcium and pH by dextran-conjugated fluorescent dyes. <i>Methods in Cell Biology</i> , 2021, 165, 199-208.	0.5	6
5	Proteins Interacting with STIM1 and Store-Operated Ca ²⁺ Entry. <i>Progress in Molecular and Subcellular Biology</i> , 2021, 59, 51-97.	0.9	6
6	Control of lysosomal-mediated cell death by the pH-dependent calcium channel RECS1. <i>Science Advances</i> , 2021, 7, eabe5469.	4.7	14
7	S-acylation by ZDHHC20 targets ORAI1 channels to lipid rafts for efficient Ca ²⁺ signaling by Jurkat T cell receptors at the immune synapse. <i>ELife</i> , 2021, 10, .	2.8	23
8	Molecular Mechanisms of Calcium Signaling During Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 103-128.	0.8	8
9	Signaling and functional competency of neutrophils derived from bone-marrow cells expressing the ER-HOXB8 oncoprotein. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1101-1115.	1.5	19
10	ORAI1 channel gating and selectivity is differentially altered by natural mutations in the first or third transmembrane domain. <i>Journal of Physiology</i> , 2019, 597, 561-582.	1.3	37
11	The role of STIM proteins in neutrophil functions. <i>Journal of Physiology</i> , 2018, 596, 2699-2708.	1.3	21
12	Ultrastructural Characterization of Flashing Mitochondria. <i>Contact (Thousand Oaks (Ventura) Tj ETQq0 0 0 rgBT /Overlock 1Q Tf 50 302</i>	0.4	2
13	GRAM marks the spot for STIM. Commentary on "GRAM domain proteins specialize functionally distinct ER-PM contact sites in human cells". <i>Cell Calcium</i> , 2018, 73, 70-71.	1.1	3
14	The Bicarbonate Transporter SLC4A7 Plays a Key Role in Macrophage Phagosome Acidification. <i>Cell Host and Microbe</i> , 2018, 23, 766-774.e5.	5.1	65
15	ORAI1 Mutations with Distinct Channel Gating Defects in Tubular Aggregate Myopathy. <i>Human Mutation</i> , 2017, 38, 426-438.	1.1	75
16	The ER phagosome connection in the era of membrane contact sites. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1513-1524.	1.9	29
17	L ^{OPA} 1 regulates mitoflash biogenesis independently from membrane fusion. <i>EMBO Reports</i> , 2017, 18, 451-463.	2.0	27
18	Redox Control of Mitochondrial Calcium Uptake. <i>Molecular Cell</i> , 2017, 65, 961-962.	4.5	12

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19	The Role of Mitochondria in the Activation/Maintenance of SOCE: Membrane Contact Sites as Signaling Hubs Sustaining Store-Operated Ca ²⁺ Entry. <i>Advances in Experimental Medicine and Biology</i> , 2017, 993, 277-296.	0.8	9
20	MitoNEET-dependent formation of intermitochondrial junctions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8277-8282.	3.3	49
21	STIM1 promotes migration, phagosomal maturation and antigen cross-presentation in dendritic cells. <i>Nature Communications</i> , 2017, 8, 1852.	5.8	52
22	UNC93B1 interacts with the calcium sensor STIM1 for efficient antigen cross-presentation in dendritic cells. <i>Nature Communications</i> , 2017, 8, 1640.	5.8	34
23	Illuminating redox biology using NADH- and NADPH-specific sensors. <i>Nature Methods</i> , 2017, 14, 671-672.	9.0	17
24	The antidepressant fluoxetine induces necrosis by energy depletion and mitochondrial calcium overload. <i>Oncotarget</i> , 2017, 8, 3181-3196.	0.8	39
25	Neutrophils: Their Role in Innate and Adaptive Immunity. <i>Journal of Immunology Research</i> , 2016, 2016, 1-2.	0.9	107
26	Redox modulation of STIM-ORAI signaling. <i>Cell Calcium</i> , 2016, 60, 142-152.	1.1	41
27	The role of STIM and ORAI proteins in phagocytic immune cells. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C496-C508.	2.1	57
28	Mitochondrial Flashes: Dump Superoxide and Dance with Protons Now. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 550-551.	2.5	11
29	Measuring Phagosome pH by Ratiometric Fluorescence Microscopy. <i>Journal of Visualized Experiments</i> , 2015, , e53402.	0.2	19
30	STIM1L traps and gates Orai1 channels without remodeling the cortical ER. <i>Journal of Cell Science</i> , 2015, 128, 1568-79.	1.2	44
31	Junctate boosts phagocytosis by recruiting endoplasmic reticulum Ca ²⁺ stores near phagosomes. <i>Journal of Cell Science</i> , 2015, 128, 4074-82.	1.2	31
32	Voltage-Gated Proton Channels as Novel Drug Targets: From NADPH Oxidase Regulation to Sperm Biology. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 490-513.	2.5	49
33	Hv1 proton channels differentially regulate the pH of neutrophil and macrophage phagosomes by sustaining the production of phagosomal ROS that inhibit the delivery of vacuolar ATPases. <i>Journal of Leukocyte Biology</i> , 2014, 95, 827-839.	1.5	58
34	NCLX Protein, but Not LETM1, Mediates Mitochondrial Ca ²⁺ Extrusion, Thereby Limiting Ca ²⁺ -induced NAD(P)H Production and Modulating Matrix Redox State. <i>Journal of Biological Chemistry</i> , 2014, 289, 20377-20385.	1.6	102
35	The "mitoflash" probe cpYFP does not respond to superoxide. <i>Nature</i> , 2014, 514, E12-E14.	13.7	109
36	Redox Regulation of Store-Operated Ca ²⁺ Entry. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 915-932.	2.5	56

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37	OPA1 promotes pH flashes that spread between contiguous mitochondria without matrix protein exchange. <i>EMBO Journal</i> , 2013, 32, 1927-1940.	3.5	95
38	Regulation of the NADPH Oxidase and Associated Ion Fluxes During Phagocytosis. <i>Traffic</i> , 2013, 14, 1118-1131.	1.3	143
39	Mitochondrial Ca ²⁺ Uptake from Plasma Membrane Cav3.2 Protein Channels Contributes to Ischemic Toxicity in PC12 Cells. <i>Journal of Biological Chemistry</i> , 2013, 288, 12459-12468.	1.6	25
40	mTOR complex 2-Akt signaling at mitochondria-associated endoplasmic reticulum membranes (MAM) regulates mitochondrial physiology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12526-12534.	3.3	435
41	The Hv1 voltage-gated proton channel regulates the pH of neutrophil but not macrophage phagosomes. <i>FASEB Journal</i> , 2013, 27, 913.44.	0.2	0
42	The renaissance of mitochondrial pH. <i>Journal of General Physiology</i> , 2012, 139, 415-423.	0.9	172
43	Morphological and functional aspects of STIM1-dependent assembly and disassembly of store-operated calcium entry complexes. <i>Biochemical Society Transactions</i> , 2012, 40, 112-118.	1.6	10
44	STIM1 Juxtaposes ER to Phagosomes, Generating Ca ²⁺ Hotspots that Boost Phagocytosis. <i>Current Biology</i> , 2012, 22, 1990-1997.	1.8	89
45	Functions of proton channels in phagocytes. <i>Environmental Sciences Europe</i> , 2012, 1, 3-15.	2.6	8
46	Regulation of the mitochondrial proton gradient by cytosolic Ca ²⁺ signals. <i>Pflügers Archiv European Journal of Physiology</i> , 2012, 464, 19-26.	1.3	31
47	Do Hv1 proton channels regulate the ionic and redox homeostasis of phagosomes?. <i>Molecular and Cellular Endocrinology</i> , 2012, 353, 82-87.	1.6	18
48	Remodelling of the endoplasmic reticulum during store-operated calcium entry. <i>Biology of the Cell</i> , 2011, 103, 365-380.	0.7	58
49	Mitochondrial calcium handling during ischemia-induced cell death in neurons. <i>Biochimie</i> , 2011, 93, 2060-2067.	1.3	57
50	Securin and Separase Modulate Membrane Traffic by Affecting Endosomal Acidification. <i>Traffic</i> , 2011, 12, 615-626.	1.3	24
51	The potential role of cobalt ions released from metal prosthesis on the inhibition of Hv1 proton channels and the decrease in <i>Staphylococcus epidermidis</i> killing by human neutrophils. <i>Biomaterials</i> , 2011, 32, 1769-1777.	5.7	32
52	Uncoupling Protein 3 (UCP3) Modulates the Activity of Sarco/Endoplasmic Reticulum Ca ²⁺ -ATPase (SERCA) by Decreasing Mitochondrial ATP Production. <i>Journal of Biological Chemistry</i> , 2011, 286, 32533-32541.	1.6	69
53	Dynamic Regulation of the Mitochondrial Proton Gradient during Cytosolic Calcium Elevations. <i>Journal of Biological Chemistry</i> , 2011, 286, 11672-11684.	1.6	263
54	Glutamate Transport Decreases Mitochondrial pH and Modulates Oxidative Metabolism in Astrocytes. <i>Journal of Neuroscience</i> , 2011, 31, 3550-3559.	1.7	93

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55	Local Cytosolic Ca ²⁺ Elevations Are Required for Stromal Interaction Molecule 1 (STIM1) De-oligomerization and Termination of Store-operated Ca ²⁺ Entry. <i>Journal of Biological Chemistry</i> , 2011, 286, 36448-36459.	1.6	37
56	Calcium uptake mechanisms of mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 907-912.	0.5	257
57	SLP-2 negatively modulates mitochondrial sodium-calcium exchange. <i>Cell Calcium</i> , 2010, 47, 11-18.	1.1	35
58	Physiological roles of voltage-gated proton channels in leukocytes. <i>Journal of Physiology</i> , 2010, 588, 4659-4665.	1.3	30
59	VSOP/Hv1 proton channels sustain calcium entry, neutrophil migration, and superoxide production by limiting cell depolarization and acidification. <i>Journal of Experimental Medicine</i> , 2010, 207, 129-139.	4.2	166
60	The role of calcium signaling in phagocytosis. <i>Journal of Leukocyte Biology</i> , 2010, 88, 57-68.	1.5	211
61	STIM1-induced precortical and cortical subdomains of the endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19358-19362.	3.3	190
62	STIM1- and Orai1-dependent Store-operated Calcium Entry Regulates Human Myoblast Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 5370-5380.	1.6	132
63	A Revolving Door for Calcium. <i>Science</i> , 2009, 326, 57-58.	6.0	10
64	Mitochondrial Regulation of Sarcoplasmic Reticulum Ca ²⁺ Content in Vascular Smooth Muscle Cells. <i>Circulation Research</i> , 2009, 104, 104-112.	2.0	65
65	Regulation of plasma membrane calcium fluxes by mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 1383-1394.	0.5	107
66	Local and global calcium signals associated with the opening of neuronal $\alpha 7$ nicotinic acetylcholine receptors. <i>Cell Calcium</i> , 2009, 45, 198-207.	1.1	29
67	Matrix alkalization: a novel mitochondrial signal for sustained pancreatic β -cell activation. <i>EMBO Journal</i> , 2009, 28, 417-428.	3.5	66
68	Reactive oxygen species are NOXious for neurons. <i>Nature Neuroscience</i> , 2009, 12, 819-820.	7.1	33
69	Amiloride derivatives induce apoptosis by depleting ER Ca ²⁺ stores in vascular endothelial cells. <i>British Journal of Pharmacology</i> , 2009, 156, 1296-1304.	2.7	30
70	VSOP/Hv1 proton channels sustain calcium entry, neutrophil migration, and superoxide production by limiting cell depolarization and acidification. <i>Journal of Cell Biology</i> , 2009, 187, i16-i16.	2.3	0
71	Evidence for a receptor-activated Ca ²⁺ entry pathway independent from Ca ²⁺ store depletion in endothelial cells. <i>Cell Calcium</i> , 2008, 43, 83-94.	1.1	23
72	Selective Actions of Mitochondrial Fission/Fusion Genes on Metabolism-Secretion Coupling in Insulin-releasing Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 33347-33356.	1.6	111

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73	Dual Effect of Cell-Cell Contact Disruption on Cytosolic Calcium and Insulin Secretion. <i>Endocrinology</i> , 2008, 149, 2494-2505.	1.4	84
74	STIM1 Knockdown Reveals That Store-operated Ca ²⁺ Channels Located Close to Sarco/Endoplasmic Ca ²⁺ ATPases (SERCA) Pumps Silently Refill the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 2007, 282, 11456-11464.	1.6	128
75	NOX5 is expressed at the plasma membrane and generates superoxide in response to protein kinase C activation. <i>Biochimie</i> , 2007, 89, 1159-1167.	1.3	132
76	Role of nucleotides and phosphoinositides in the stability of electron and proton currents associated with the phagocytic NADPH oxidase. <i>Biochemical Journal</i> , 2006, 400, 431-438.	1.7	7
77	GABA Regulates Dendritic Growth by Stabilizing Lamellipodia in Newly Generated Interneurons of the Olfactory Bulb. <i>Journal of Neuroscience</i> , 2006, 26, 12956-12966.	1.7	81
78	Voltage- and NADPH-dependence of electron currents generated by the phagocytic NADPH oxidase. <i>Biochemical Journal</i> , 2005, 388, 485-491.	1.7	39
79	Endosome-to-cytosol transport of viral nucleocapsids. <i>Nature Cell Biology</i> , 2005, 7, 653-664.	4.6	290
80	HIV-1 Trafficking to the Dendritic Cell-T-Cell Infectious Synapse Uses a Pathway of Tetraspanin Sorting to the Immunological Synapse. <i>Traffic</i> , 2005, 6, 488-501.	1.3	219
81	Calcium measurements in organelles with Ca ²⁺ -sensitive fluorescent proteins. <i>Cell Calcium</i> , 2005, 38, 213-222.	1.1	45
82	Electron and proton transport by NADPH oxidases. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2005, 360, 2315-2325.	1.8	57
83	Subplasmalemmal Mitochondria Modulate the Activity of Plasma Membrane Ca ²⁺ -ATPases. <i>Journal of Biological Chemistry</i> , 2005, 280, 43198-43208.	1.6	67
84	Gelsolin mediates calcium-dependent disassembly of <i>Listeria</i> actin tails. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 1921-1926.	3.3	32
85	Ca ²⁺ Homeostasis during Mitochondrial Fragmentation and Perinuclear Clustering Induced by hFis1. <i>Journal of Biological Chemistry</i> , 2004, 279, 22704-22714.	1.6	183
86	ARF1 Regulates Nef-Induced CD4 Degradation. <i>Current Biology</i> , 2004, 14, 1056-1064.	1.8	45
87	Measurements of the free luminal ER Ca ²⁺ concentration with targeted "cameleon" fluorescent proteins. <i>Cell Calcium</i> , 2003, 34, 109-119.	1.1	113
88	CELL BIOLOGY: Apoptosis--the Calcium Connection. <i>Science</i> , 2003, 300, 65-67.	6.0	304
89	A tyrosine-based sorting signal is involved in connexin43 stability and gap junction turnover. <i>Journal of Cell Science</i> , 2003, 116, 2213-2222.	1.2	78
90	Interactions between Electron and Proton Currents in Excised Patches from Human Eosinophils. <i>Journal of General Physiology</i> , 2003, 122, 713-726.	0.9	26

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91	Sustained Ca ²⁺ Transfer across Mitochondria Is Essential for Mitochondrial Ca ²⁺ Buffering, Store-operated Ca ²⁺ Entry, and Ca ²⁺ Store Refilling. <i>Journal of Biological Chemistry</i> , 2003, 278, 44769-44779.	1.6	170
92	ER Calcium and ER Chaperones: New Players in Apoptosis?. <i>Molecular Biology Intelligence Unit</i> , 2003, , 133-141.	0.2	3
93	NOX Family NADPH Oxidases. <i>Journal of General Physiology</i> , 2002, 120, 781-786.	0.9	27
94	Calreticulin Differentially Modulates Calcium Uptake and Release in the Endoplasmic Reticulum and Mitochondria. <i>Journal of Biological Chemistry</i> , 2002, 277, 46696-46705.	1.6	141
95	The Dendritic Cell-Specific Adhesion Receptor DC-SIGN Internalizes Antigen for Presentation to T Cells. <i>Journal of Immunology</i> , 2002, 168, 2118-2126.	0.4	568
96	Measurement of Intracellular Ca ²⁺ Concentration. <i>Methods in Cell Biology</i> , 2002, 70, 453-474.	0.5	5
97	Molecular and functional characterization of a new X-linked chronic granulomatous disease variant (X91+) case with a double missense mutation in the cytosolic gp91phox C-terminal tail. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2002, 1586, 316-330.	1.8	31
98	pH Homeostasis of Cellular Organelles. <i>Physiology</i> , 2002, 17, 1-5.	1.6	153
99	Subplasmalemmal endoplasmic reticulum controls KCa channel activity upon stimulation with a moderate histamine concentration in a human umbilical vein endothelial cell line. <i>Journal of Physiology</i> , 2002, 540, 73-84.	1.3	37
100	Heme Histidine Ligands within gp91 Modulate Proton Conduction by the Phagocyte NADPH Oxidase. <i>Journal of Biological Chemistry</i> , 2001, 276, 30277-30284.	1.6	55
101	A Ca ²⁺ -activated NADPH Oxidase in Testis, Spleen, and Lymph Nodes. <i>Journal of Biological Chemistry</i> , 2001, 276, 37594-37601.	1.6	526
102	Functional specialization of calreticulin domains. <i>Journal of Cell Biology</i> , 2001, 154, 961-972.	2.3	265
103	Mitochondria Recycle Ca ²⁺ to the Endoplasmic Reticulum and Prevent the Depletion of Neighboring Endoplasmic Reticulum Regions. <i>Journal of Biological Chemistry</i> , 2001, 276, 29430-29439.	1.6	240
104	HIV-1 Nef protein binds to the cellular protein PACS-1 to downregulate class I major histocompatibility complexes. <i>Nature Cell Biology</i> , 2000, 2, 163-167.	4.6	358
105	Bcl-2 decreases the free Ca ²⁺ concentration within the endoplasmic reticulum. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 5723-5728.	3.3	402
106	The Recycling Endosome of Madin-Darby Canine Kidney Cells Is a Mildly Acidic Compartment Rich in Raft Components. <i>Molecular Biology of the Cell</i> , 2000, 11, 2775-2791.	0.9	287
107	A Mammalian H ⁺ Channel Generated Through Alternative Splicing of the NADPH Oxidase Homolog NOH-1. <i>Science</i> , 2000, 287, 138-142.	6.0	276
108	ATP dependence is not an intrinsic property of Na ⁺ /H ⁺ -exchanger NHE1: requirement for an ancillary factor. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 276, C1303-C1311.	2.1	35

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109	A Novel H ⁺ Conductance in Eosinophils. <i>Journal of Experimental Medicine</i> , 1999, 190, 183-194.	4.2	122
110	Proline-rich Motifs of the Na ⁺ /H ⁺ Exchanger 2 Isoform. <i>Journal of Biological Chemistry</i> , 1999, 274, 10481-10488.	1.6	25
111	Alternative Mechanisms of Vacuolar Acidification in H ⁺ -ATPase-deficient Yeast. <i>Journal of Biological Chemistry</i> , 1999, 274, 37270-37279.	1.6	90
112	Angiotensin II Negatively Modulates L-type Calcium Channels through a Pertussis Toxin-sensitive G Protein in Adrenal Glomerulosa Cells. <i>Journal of Biological Chemistry</i> , 1999, 274, 19943-19948.	1.6	31
113	Nef-Induced CD4 Degradation. <i>Cell</i> , 1999, 97, 63-73.	13.5	271
114	Electron currents generated by the human phagocyte NADPH oxidase. <i>Nature</i> , 1998, 392, 734-737.	13.7	184
115	Mechanism of Acidification of the trans-Golgi Network (TGN). <i>Journal of Biological Chemistry</i> , 1998, 273, 2044-2051.	1.6	179
116	ATP Dependence of Na ⁺ /H ⁺ Exchange. <i>Journal of General Physiology</i> , 1997, 109, 117-128.	0.9	61
117	Caffeine and Halothane Sensitivity of Intracellular Ca ²⁺ Release Is Altered by 15 Calcium Release Channel (Ryanodine Receptor) Mutations Associated with Malignant Hyperthermia and/or Central Core Disease. <i>Journal of Biological Chemistry</i> , 1997, 272, 26332-26339.	1.6	225
118	Regulation of Phagosomal Acidification. <i>Journal of Biological Chemistry</i> , 1997, 272, 29810-29820.	1.6	139
119	Calreticulin is essential for integrin-mediated calcium signalling and cell adhesion. <i>Nature</i> , 1997, 386, 843-847.	13.7	382
120	Chapter 20 Intracellular pH: Measurement, manipulation and physiological regulation. <i>Handbook of Biological Physics</i> , 1996, 2, 447-472.	0.8	2
121	Intracellular pH regulation during spreading of human neutrophils.. <i>Journal of Cell Biology</i> , 1996, 133, 1391-1402.	2.3	127
122	Ion transport and the function of phagocytic cells. <i>Current Opinion in Hematology</i> , 1995, 2, 89-95.	1.2	5
123	The mammalian Na ⁺ /H ⁺ antiporters NHE-1, NHE-2, and NHE-3 are electroneutral and voltage independent, but can couple to an H ⁺ conductance.. <i>Journal of General Physiology</i> , 1995, 106, 85-111.	0.9	53
124	Highly cooperative Ca ²⁺ elevations in response to Ins(1,4,5)P ₃ microperfusion through a patch-clamp pipette. <i>Biophysical Journal</i> , 1995, 69, 2378-2391.	0.2	10
125	Characterization of receptor-mediated and store-regulated Ca ²⁺ influx in human neutrophils. <i>Biochemical Journal</i> , 1994, 297, 595-601.	1.7	88
126	[26] Combination of microfluorimetric monitoring of cytosolic calcium and pH with patch clamp electrophysiological recordings in neutrophil granulocytes. <i>Methods in Enzymology</i> , 1994, 238, 308-320.	0.4	4

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127	Na ⁺ /H ⁺ Antiport: Modulation by Atp and Role in Cell Volume Regulation. Journal of Experimental Biology, 1994, 196, 389-404.	0.8	86
128	Na ⁺ /H ⁺ antiport: modulation by ATP and role in cell volume regulation. Journal of Experimental Biology, 1994, 196, 389-404.	0.8	72
129	Pituitary adenylate cyclase-activating polypeptide increases [Ca ²⁺] _i in rat gonadotrophs through an inositol trisphosphate-dependent mechanism. Journal of Biological Chemistry, 1994, 269, 5680-6.	1.6	53
130	Highly co-operative Ca ²⁺ activation of intermediate-conductance K ⁺ channels in granulocytes from a human cell line.. Journal of Physiology, 1993, 472, 373-390.	1.3	22
131	Proton channels, plasma membrane potential, and respiratory burst in human neutrophils. European Journal of Haematology, 1993, 51, 309-312.	1.1	27
132	Proton currents in human granulocytes: regulation by membrane potential and intracellular pH. Journal of Physiology, 1993, 466, 329-44.	1.3	92
133	Spontaneous Intracellular Calcium Oscillations and Gs β Subunit Expression are Inversely Correlated with Secretory Granule Content in Pituitary Cells. Journal of Neuroendocrinology, 1992, 4, 473-481.	1.2	4
134	Regulation of Ca ²⁺ influx in myeloid cells. Role of plasma membrane potential, inositol phosphates, cytosolic free [Ca ²⁺], and filling state of intracellular Ca ²⁺ stores.. Journal of Clinical Investigation, 1992, 90, 830-839.	3.9	41
135	Cyclopiazonic acid depletes intracellular Ca ²⁺ stores and activates an influx pathway for divalent cations in HL-60 cells. Journal of Biological Chemistry, 1992, 267, 2318-24.	1.6	223
136	Angiotensin II Promotes Selective Uptake of High Density Lipoprotein Cholesterol Esters in Bovine Adrenal Glomerulosa and Human Adrenocortical Carcinoma Cells Through Induction of Scavenger Receptor Class B Type I. , 0, .		17