

Maurice B Hallett

List of Publications by Year in descending order

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168
papers

5,139
citations

109137

35
h-index

106150

65
g-index

171
all docs

171
docs citations

171
times ranked

4481
citing authors

#	ARTICLE	IF	CITATIONS
1	Seeing the wood for the trees: the forgotten role of neutrophils in rheumatoid arthritis. Trends in Immunology, 1997, 18, 320-324.	7.5	334
2	Adhesion and signaling by B cell-derived exosomes: the role of integrins. FASEB Journal, 2004, 18, 977-979.	0.2	280
3	The relationship between histamine secretion and ⁴⁵ calcium uptake by mast cells. Journal of Physiology, 1977, 271, 193-214.	1.3	262
4	Neutrophil priming: the cellular signals that say "amber" but not "green". Trends in Immunology, 1995, 16, 264-268.	7.5	236
5	Transforming Growth Factor- β 21 (TGF- β 21)-stimulated Fibroblast to Myofibroblast Differentiation Is Mediated by Hyaluronan (HA)-facilitated Epidermal Growth Factor Receptor (EGFR) and CD44 Co-localization in Lipid Rafts. Journal of Biological Chemistry, 2013, 288, 14824-14838.	1.6	220
6	Exogenous glycosyl phosphatidylinositol-anchored CD59 associates with kinases in membrane clusters on U937 cells and becomes Ca(2+)-signaling competent.. Journal of Cell Biology, 1995, 131, 669-677.	2.3	138
7	Inhibition of protein kinase C mediated signal transduction by tamoxifen. Biochemical Pharmacology, 1986, 35, 4463-4465.	2.0	132
8	Inhibition of hepatocyte growth factor-induced motility and in vitro invasion of human colon cancer cells by gamma-linolenic acid. British Journal of Cancer, 1995, 71, 744-752.	2.9	123
9	Molecular and cellular basis of cancer invasion and metastasis: Implications for treatment. British Journal of Surgery, 2005, 81, 1576-1590.	0.1	114
10	Cytosolic free Ca ²⁺ changes and calpain activation are required for β 2 integrin "accelerated phagocytosis by human neutrophils. Journal of Cell Biology, 2002, 159, 181-189.	2.3	109
11	Cross-linking of CD59 and of other glycosyl phosphatidylinositol-anchored molecules on neutrophils triggers cell activation via tyrosine kinase. European Journal of Immunology, 1993, 23, 2841-2850.	1.6	97
12	Oxidase activation in individual neutrophils is dependent on the onset and magnitude of the Ca ²⁺ signal. Cell Calcium, 1990, 11, 655-663.	1.1	93
13	Measurement of changes in cytoplasmic free Ca ²⁺ in fused cell hybrids. Nature, 1982, 295, 155-158.	13.7	89
14	Hepatocyte growth factor/scatter factor, liver regeneration and cancer metastasis. British Journal of Surgery, 2005, 80, 1368-1373.	0.1	85
15	Ironing out the wrinkles of neutrophil phagocytosis. Trends in Cell Biology, 2007, 17, 209-214.	3.6	81
16	Toxic oxygen metabolite production by circulating phagocytic cells in inflammatory bowel disease.. Gut, 1990, 31, 187-193.	6.1	80
17	The use of fura-2 to determine the relationship between cytoplasmic free Ca ²⁺ and oxidase activation in rat neutrophils. Cell Calcium, 1988, 9, 17-26.	1.1	78
18	Is intracellular Ca ²⁺ the trigger for oxygen radical production by polymorphonuclear leucocytes?. Cell Calcium, 1984, 5, 1-19.	1.1	77

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19	IMMATURE CIRCULATING NEUTROPHILS IN SEPSIS HAVE IMPAIRED PHAGOCYTOSIS AND CALCIUM SIGNALING. <i>Shock</i> , 2008, 30, 618-622.	1.0	75
20	Regulation of spreading and growth of colon cancer cells by hepatocyte growth factor. <i>Clinical and Experimental Metastasis</i> , 1993, 11, 235-242.	1.7	72
21	Measurement of intracellular calcium ions and oxygen radicals in polymorphonuclear leucocyte-erythrocyte "ghost" hybrids. <i>Journal of Physiology</i> , 1983, 338, 537-550.	1.3	70
22	Localised PtdIns(3,4,5)P3 or PtdIns(3,4)P2 at the phagocytic cup is required for both phagosome closure and Ca ²⁺ signalling in HL60 neutrophils. <i>Journal of Cell Science</i> , 2006, 119, 443-451.	1.2	66
23	Chemiluminescence as an Analytical Tool in Cell Biology and Medicine. <i>Methods of Biochemical Analysis</i> , 2006, 31, 317-416.	0.2	63
24	Phagosomal oxidative activity during α 2 integrin (CR3)-mediated phagocytosis by neutrophils is triggered by a non-restricted Ca ²⁺ signal: Ca ²⁺ controls time not space. <i>Journal of Cell Science</i> , 2003, 116, 2857-2865.	1.2	59
25	Effect of sulphasalazine and its active metabolite, 5-amino-salicylic acid, on toxic oxygen metabolite production by neutrophils. <i>Gut</i> , 1989, 30, 1581-1587.	6.1	56
26	Induction of Tyrosine Phosphorylation and Translocation of Ezrin by Hepatocyte Growth Factor/Scatter Factor (HGF/SF). <i>Biochemical and Biophysical Research Communications</i> , 1995, 217, 1062-1069.	1.0	55
27	Leukocyte membrane "expansion": a central mechanism for leukocyte extravasation. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1160-1164.	1.5	55
28	Lipid-Assisted Microinjection: Introducing Material into the Cytosol and Membranes of Small Cells. <i>Biophysical Journal</i> , 1998, 75, 2558-2563.	0.2	54
29	Neutrophil Cell Shape Change: Mechanism and Signalling during Cell Spreading and Phagocytosis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1383.	1.8	52
30	Expression of the HGF/SF Receptor, c-met, and Its Ligand in Human Colorectal Cancers. <i>Cancer Investigation</i> , 1997, 15, 513-521.	0.6	49
31	Reduced iC3b-mediated phagocytotic capacity of pulmonary neutrophils in cystic fibrosis. <i>Clinical and Experimental Immunology</i> , 2005, 142, 68-75.	1.1	47
32	A Soluble Cellular Factor Directly Stimulates Ca ²⁺ Entry in Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 1995, 206, 348-354.	1.0	43
33	Near membrane Ca ²⁺ changes resulting from store release in neutrophils: detection by FFP-18. <i>Cell Calcium</i> , 1996, 19, 355-362.	1.1	43
34	High Micromolar Ca ²⁺ beneath the Plasma Membrane in Stimulated Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 679-683.	1.0	42
35	The reaction of 5-amino-salicylic acid with hypochlorite. <i>Biochemical Pharmacology</i> , 1989, 38, 149-154.	2.0	39
36	Effect of Nicotine and Cotinine on the Production of Oxygen Free Radicals by Neutrophils in Smokers and Non-smokers. <i>Human Toxicology</i> , 1989, 8, 461-463.	0.9	37

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37	Inhibition of cancer cell motility and invasion by interleukin-12. <i>Clinical and Experimental Metastasis</i> , 1995, 13, 396-404.	1.7	37
38	Movement of strontium ions into mast cells and its relationship to the secretory response. <i>Journal of Physiology</i> , 1977, 271, 233-251.	1.3	35
39	Decrease in apparent K_m for oxygen after stimulation of respiration of rat polymorphonuclear leukocytes. <i>FEBS Letters</i> , 1983, 161, 60-64.	1.3	34
40	Mechanism of protection against α -cereperfusion injury by aprotinin. Roles of polymorphonuclear leucocytes and oxygen radicals. <i>Biochemical Pharmacology</i> , 1985, 34, 1757-1761.	2.0	34
41	Botulinum C2 toxin potentiates activation of the neutrophil oxidase. Further evidence of a role for actin polymerization. <i>FEBS Letters</i> , 1987, 219, 40-44.	1.3	34
42	Ca^{2+} influx shutdown during neutrophil apoptosis: importance and possible mechanism. <i>Immunology</i> , 2004, 111, 8-12.	2.0	34
43	Inappropriate neutrophil activation in venous disease. <i>British Journal of Surgery</i> , 2005, 81, 695-698.	0.1	34
44	Chemotaxis and the cell surface-area problem. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 662-662.	16.1	33
45	<i>In vivo</i> functional analysis and genetic modification of <i>in vitro</i> α -derived mouse neutrophils. <i>FASEB Journal</i> , 2011, 25, 1972-1982.	0.2	33
46	Techniques for measuring and manipulating free Ca^{2+} in the cytosol and organelles of neutrophils. <i>Journal of Immunological Methods</i> , 1999, 232, 77-88.	0.6	32
47	Localised and rapid Ca^{2+} micro-events in human neutrophils: Conventional Ca^{2+} puffs and global waves without peripheral-restriction or wave cycling. <i>Cell Calcium</i> , 2007, 41, 525-536.	1.1	31
48	Activation and priming of the human neutrophil oxidase response by substance P: Distinct signal transduction pathways. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1993, 1175, 207-213.	1.9	29
49	Colonic healing: A role for polymorphonuclear leucocytes and oxygen radical production. <i>British Journal of Surgery</i> , 2005, 73, 225-228.	0.1	29
50	Cell surface topology creates high Ca^{2+} signalling microdomains. <i>Cell Calcium</i> , 2010, 47, 339-349.	1.1	29
51	Perturbing plasma membrane hemichannels attenuates calcium signalling in cardiac cells and HeLa cells expressing connexins. <i>European Journal of Cell Biology</i> , 2009, 88, 79-90.	1.6	28
52	Ca^{2+} and calpain control membrane expansion during rapid cell spreading of neutrophils. <i>Journal of Cell Science</i> , 2013, 126, 4627-35.	1.2	27
53	Neutrophil α -priming induced by orthovanadate: Evidence of a role for tyrosine phosphorylation. <i>Biochemical Pharmacology</i> , 1994, 48, 15-21.	2.0	26
54	Two distinct Ca^{2+} storage and release sites in human neutrophils. <i>Journal of Leukocyte Biology</i> , 1998, 63, 225-232.	1.5	26

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55	Translocation or just location? Pseudopodia affect fluorescent signals. <i>Journal of Cell Biology</i> , 2009, 184, 197-203.	2.3	26
56	Actin polymerization modifies stimulus-oxidase coupling in rat neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1987, 927, 366-371.	1.9	25
57	Control of Ca ²⁺ influx in human neutrophils by inositol 1,4,5-trisphosphate (IP ₃) binding: differential effects of micro-injected IP ₃ receptor antagonists. <i>Biochemical Journal</i> , 2001, 355, 139-143.	1.7	25
58	Uptake of liposomes containing the photoprotein obelin by rat isolated adipocytes. Adhesion, endocytosis or fusion?. <i>Biochemical Journal</i> , 1980, 192, 587-596.	3.2	24
59	GPI-anchored GFP signals Ca ²⁺ but is homogeneously distributed on the cell surface. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 714-721.	1.0	24
60	Neutrophil Priming by Cytokines in Patients With Obstructive Jaundice. <i>HPB Surgery</i> , 1994, 7, 281-289.	2.2	24
61	Sendai virus causes a rise in intracellular free Ca ²⁺ before cell fusion. <i>Biochemical Journal</i> , 1982, 206, 671-674.	1.7	23
62	Monocyte-conditioned media possess a novel factor which increases motility of cancer cells. <i>International Journal of Cancer</i> , 1993, 53, 426-431.	2.3	22
63	Fluorescent Methods for Measuring and Imaging Cytosolic Free Ca ²⁺ in Neutrophils. <i>Methods</i> , 1996, 9, 591-606.	1.9	22
64	Potent inhibition of Ca ²⁺ -dependent activation of calpain-1 by novel mercaptoacrylates. <i>MedChemComm</i> , 2012, 3, 566-570.	3.5	22
65	Holding back neutrophil aggression; the oxidase has potential. <i>Clinical and Experimental Immunology</i> , 2003, 132, 181-184.	1.1	21
66	Regulation of desmosomal cell adhesion in human tumour cells by polyunsaturated fatty acids. <i>Clinical and Experimental Metastasis</i> , 1997, 15, 593-602.	1.7	20
67	Requirement for CD28 co-stimulation is lower in SHP-1-deficient T cells. <i>European Journal of Immunology</i> , 2001, 31, 3649-3658.	1.6	20
68	Recovery of polymorphonuclear leucocytes from complement attack. <i>Biochemical Society Transactions</i> , 1984, 12, 779-780.	1.6	18
69	The mitochondrial ADPR link between Ca ²⁺ store release and Ca ²⁺ influx channel opening in immune cells. <i>FASEB Journal</i> , 2004, 18, 1335-1338.	0.2	18
70	Controlling the molecular motor of neutrophil chemotaxis. <i>BioEssays</i> , 1997, 19, 615-621.	1.2	17
71	Control of Ca ²⁺ influx in human neutrophils by inositol 1,4,5-trisphosphate (IP ₃) binding: differential effects of micro-injected IP ₃ receptor antagonists. <i>Biochemical Journal</i> , 2001, 355, 139.	1.7	17
72	Diacylglycerol kinase inhibitor, R59022, potentiates neutrophil oxidase activation by Ca ²⁺ -dependent stimuli. <i>Biochemical Pharmacology</i> , 1987, 36, 3459-3462.	2.0	16

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73	Dissociation of store release from transmembrane influx of calcium in human neutrophils. FEBS Letters, 1992, 313, 121-125.	1.3	16
74	Inhibition of HGF/SF-Induced Membrane Ruffling and Cell Motility by Transient Elevation of Cytosolic Free Ca ²⁺ . Experimental Cell Research, 1995, 220, 424-433.	1.2	16
75	The MEK inhibitor, PD98059, reduces survival but does not block acute myeloid leukemia blast maturation in vitro. European Journal of Haematology, 2000, 64, 211-218.	1.1	15
76	Gentle microinjection for myeloid cells using SLAM. Blood, 2000, 95, 3270-3271.	0.6	15
77	Ca ²⁺ activation of cytosolic calpain induces the transition from apoptosis to necrosis in neutrophils with externalized phosphatidylserine. Journal of Leukocyte Biology, 2013, 93, 95-100.	1.5	15
78	Exclusion of exogenous phosphatidylinositol(3,4,5)-trisphosphate from neutrophil polarizing pseudopodia: stabilization of the uropod and cell polarity. EMBO Reports, 2003, 4, 982-988.	2.0	14
79	Topographical interrogation of the living cell surface reveals its role in rapid cell shape changes during phagocytosis and spreading. Scientific Reports, 2017, 7, 9790.	1.6	14
80	The Rapid Increase in Intracellular Free Calcium Ion Concentration Induced by Complement and its Role in Cell Damage. Biochemical Society Transactions, 1979, 7, 1066-1068.	1.6	13
81	Temporal and Spatial Resolution of Ca ²⁺ Release and Influx in Human Neutrophils Using a Novel Confocal Laser Scanning Mode. Biochemical and Biophysical Research Communications, 1996, 229, 109-113.	1.0	13
82	Stochastic Events Underlie Ca ²⁺ -Signalling in Neutrophils. Journal of Theoretical Biology, 1997, 186, 1-6.	0.8	13
83	Pulsatile Ca ²⁺ Influx in Human Neutrophils Undergoing CD11b/CD18 Integrin Engagement. Biochemical and Biophysical Research Communications, 1997, 230, 258-261.	1.0	12
84	Inhibition of neutrophil respiratory burst and cytokine priming by β -linolenic acid. British Journal of Surgery, 2005, 83, 659-664.	0.1	12
85	Coelenterate photoproteins as indicators of cytoplasmic free Ca ²⁺ in small cells. Cell Calcium, 1985, 6, 69-82.	1.1	11
86	Quantal secretion and response lag demonstrated in single rat neutrophils. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 847, 15-19.	1.9	11
87	Does Actin Polymerization Status Modulate Ca ²⁺ Storage in Human Neutrophils? Release and Coalescence of Ca ²⁺ Stores by Cytochalasins. Experimental Cell Research, 1997, 234, 379-387.	1.2	11
88	Signalling shutdown strategies in aging immune cells. Aging Cell, 2004, 3, 145-149.	3.0	11
89	APPLICATION OF THE PHOTOPROTEIN OBELIN TO THE MEASUREMENT OF FREE Ca ²⁺ IN CELLS. , 1981, , 601-607.		11
90	Cytosolic Ca ²⁺ Measurement and Imaging in Inflammatory Cells. , 2003, 225, 47-60.		10

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91	Stopping the traffic: A route to arthritis therapy. <i>European Journal of Immunology</i> , 2008, 38, 2650-2653.	1.6	10
92	Calpain-1 inhibitors for selective treatment of rheumatoid arthritis: what is the future?. <i>Future Medicinal Chemistry</i> , 2013, 5, 2057-2074.	1.1	10
93	Active calpain in phagocytically competent human neutrophils: Electroinjection of fluorogenic calpain substrate. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 341-346.	1.0	10
94	A versatile light microscope heating stage for biological temperatures. <i>Journal of Microscopy</i> , 1986, 142, 371-374.	0.8	9
95	Synchronous free Ca ²⁺ changes in individual neutrophils stimulated by leukotriene B ₄ . <i>FEBS Letters</i> , 1991, 291, 135-138.	1.3	9
96	Altered Ca ²⁺ signalling in human neutrophils from inflammatory sites.. <i>Annals of the Rheumatic Diseases</i> , 1994, 53, 446-449.	0.5	9
97	USE OF FLUORESCENT DYES FOR MEASUREMENT AND LOCALIZATION OF ORGANELLES ASSOCIATED WITH CA ²⁺ STORE RELEASE IN HUMAN NEUTROPHILS. <i>Cell Biology International</i> , 1997, 21, 655-663.	1.4	9
98	The structural basis of differential inhibition of human calpain by indole and phenyl $\hat{\pm}$ -mercaptoacrylic acids. <i>Journal of Structural Biology</i> , 2014, 187, 236-241.	1.3	9
99	Minimal impact electro-injection of cells undergoing dynamic shape change reveals calpain activation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1182-1187.	1.9	9
100	Phagocytosis and Motility in Human Neutrophils is Competent but Compromised by Pharmacological Inhibition of Ezrin Phosphorylation. <i>Current Molecular Pharmacology</i> , 2018, 11, 305-315.	0.7	9
101	Membrane Tension and the Role of Ezrin During Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 83-102.	0.8	9
102	U937 cells stimulated with opsonised zymozan particles provide a convenient laboratory source of tumour necrosis factor $\hat{\pm}$. <i>Journal of Immunological Methods</i> , 1992, 152, 201-207.	0.6	8
103	Inhibition of motility and invasion of human lung cancer cells by invasion inhibiting factor 2. <i>Surgical Oncology</i> , 1996, 5, 77-84.	0.8	8
104	Nonuniform Distribution of Ca ²⁺ Uptake Sites within Human Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 337-340.	1.0	8
105	Detection and Visualization of Oxidase Activity in Phagocytes. , 2003, 225, 61-68.		8
106	Ca ²⁺ influx shutdown in neutrophils induced by Fas (CD95) cross-linking. <i>Immunology</i> , 2004, 112, 454-460.	2.0	8
107	Lipid-protein cargo transfer: A mode of direct cell-to-cell communication for lipids and their associated proteins. <i>Journal of Cellular Physiology</i> , 2007, 210, 336-342.	2.0	8
108	A Reporter of UV Intensity Delivered to the Cytosol during Photolytic Uncaging. <i>Biophysical Journal</i> , 2010, 98, L25-L27.	0.2	8

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109	Ca ²⁺ -activated cleavage of ezrin visualised dynamically in living myeloid cells during cell surface area expansion. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	8
110	An Introduction to Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 1-7.	0.8	8
111	The Importance of Measuring Intracellular Free Ca ²⁺ . <i>Biochemical Society Transactions</i> , 1979, 7, 865-869.	1.6	7
112	Complement component C9-dependent cytosolic free Ca ²⁺ rise and recovery in neutrophils. <i>Cell Calcium</i> , 1995, 17, 279-286.	1.1	7
113	Calpain Activation by Ca ²⁺ and Its Role in Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 129-151.	0.8	7
114	The Timing and Magnitude of Ca ²⁺ Signaling by CD32 Depends on Its Redistribution on the Cell Surface. <i>Experimental Cell Research</i> , 1997, 230, 303-309.	1.2	6
115	Factor VIIa Induced Release of von Willebrand Factor from Human Umbilical Vein Endothelial Cells by a Tyrosine Kinase Dependent Pathway. <i>Thrombosis and Haemostasis</i> , 2002, 87, 1057-1061.	1.8	6
116	Phagocytosis by Inflammatory Phagocytes Experimental Strategies for Stimulation and Quantification. , 2003, 225, 35-46.		6
117	Low Connexin Channel-Dependent Intercellular Communication in Human Adult Hematopoietic Progenitor/Stem Cells: Probing Mechanisms of Autologous Stem Cell Therapy. <i>Cell Communication and Adhesion</i> , 2010, 16, 138-145.	1.0	6
118	Optical complexities of living cytoplasm - implications for live cell imaging and photo-micromanipulation techniques. <i>Journal of Microscopy</i> , 2011, 241, 221-224.	0.8	6
119	Defective rapid cell shape and transendothelial migration by calpain-1 null neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 1065-1070.	1.0	6
120	Optical Methods for the Measurement and Manipulation of Cytosolic Free Calcium in Neutrophils. <i>Methods in Molecular Biology</i> , 2007, 412, 125-137.	0.4	6
121	Hepatocyte growth factor induces tyrosine phosphorylation of focal adhesion kinase (FAK) and paxillin and enhances cell-matrix interactions. <i>Oncology Reports</i> , 1996, 3, 819-23.	1.2	6
122	Rapid stimulation of chemiluminescence in rat polymorphonuclear leucocytes caused by anti-cell antibody plus complement. <i>Biochemical Society Transactions</i> , 1980, 8, 723-725.	1.6	5
123	â€œClampingâ€ actin in polymerized form in electroporabilized neutrophils inhibits oxidase activation. <i>Biochemical and Biophysical Research Communications</i> , 1990, 169, 1222-1228.	1.0	5
124	EXOGENOUS CD59 INCORPORATED INTO U937 CELLS THROUGH ITS GLYCOSYL PHOSPHATIDYLINOSITOL ANCHOR BECOMES ASSOCIATED WITH SIGNALLING MOLECULES IN A TIME DEPENDENT MANNER. <i>Biochemical Society Transactions</i> , 1995, 23, 269S-269S.	1.6	5
125	Development of oxidase â€™primingâ€™ in maturing HL60 cells: Correlation with protein expression and tyrosine phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1267, 65-71.	1.9	5
126	Ca ²⁺ Signalling Delays in Neutrophils: Effects of Prior Exposure to Platelet Activating Factor or Formyl-met-leu-phe. <i>Cellular Signalling</i> , 1998, 10, 49-53.	1.7	5

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127	Osmotically induced cytosolic free Ca ²⁺ changes in human neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2001, 1538, 20-27.	1.9	5
128	Phagocytosis of optically-trapped particles: delivery of the pure phagocytic signal. <i>Cell Research</i> , 2006, 16, 852-854.	5.7	5
129	Ca ²⁺ , calpain and 3-phosphorylated phosphatidyl inositides; decision-making signals in neutrophils as potential targets for therapeutics. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 56, 565-571.	1.2	5
130	A trick of the light: the optical properties of living cytoplasm which can mislead. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 180.	0.6	5
131	Extracellular ATP induces spikes in cytosolic free Ca ²⁺ but not in NADPH oxidase activity in neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1446-1452.	1.9	4
132	Mechanisms of Oxidase Activation in Neutrophils. <i>Blood Cell Biochemistry</i> , 1991, , 289-334.	0.3	4
133	Gentle microinjection for myeloid cells using SLAM. <i>Blood</i> , 2000, 95, 3270-3271.	0.6	4
134	The production of an amine-modified derivative of 5-aminosalicylic acid by activated neutrophils Roles for myeloperoxidase and chloride ions. <i>Biochemical Pharmacology</i> , 1991, 42, 1869-1874.	2.0	3
135	Neutrophil activation and priming during engagement of CD11b/CD18 integrins. <i>Biochemical Society Transactions</i> , 1994, 22, 327S-327S.	1.6	3
136	The production of large α -signalling competent TM myeloid cells from circulating CD34+ cells in neonatal blood. <i>Journal of Immunological Methods</i> , 1995, 179, 187-192.	0.6	3
137	Cellular localisation of the most common mutant form of the CF gene protein, Δ F508 ^{CFTR} . <i>Biochemical Society Transactions</i> , 1998, 26, S293-S293.	1.6	3
138	Does neutrophil CD38 have a role in Ca ⁺⁺ signaling triggered by β 2 integrin?. <i>Nature Medicine</i> , 2002, 8, 307-307.	15.2	3
139	Single cell measurement of calpain activity in neutrophils reveals link to cytosolic Ca ²⁺ elevation and individual phagocytotic events. <i>Biochemical and Biophysical Research Communications</i> , 2019, 515, 163-168.	1.0	3
140	Cell surface topography controls phagocytosis and cell spreading: The membrane reservoir in neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118832.	1.9	3
141	EPIC3, a novel Ca ²⁺ indicator located at the cell cortex and in microridges, detects high Ca ²⁺ subdomains during Ca ²⁺ influx and phagocytosis. <i>Cell Calcium</i> , 2020, 92, 102291.	1.1	3
142	Strontium Ions as a Probe for the Role of Alkaline-Earth Metal Ions in Histamine Secretion. <i>Biochemical Society Transactions</i> , 1977, 5, 879-883.	1.6	2
143	The role of calcium and strontium ions in the secretion of histamine from mast cells. <i>Agents and Actions</i> , 1978, 8, 400-400.	0.7	2
144	The role of oxygen radical production by rat polymorphonuclear leucocytes in α -reperfusion injury TM . <i>Biochemical Society Transactions</i> , 1985, 13, 1195-1196.	1.6	2

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145	The role of microfilaments in polymorphonuclear leucocyte oxidase activation. Biochemical Society Transactions, 1985, 13, 1173-1174.	1.6	2
146	Integrin Triggered CA ₂ ⁺ Signalling in Human Neutrophils. Biochemical Society Transactions, 1996, 24, 70S-70S.	1.6	2
147	Tyrosine phosphorylation in inflammatory neutrophils. Biochemical Society Transactions, 1996, 24, 79S-79S.	1.6	2
148	Near Membrane CA ₂ ⁺ Changes in Neutrophils. Biochemical Society Transactions, 1996, 24, 92S-92S.	1.6	2
149	DYNAMIC IMAGING OF CYTOSOLIC FREE CA ₂ ⁺ IN HUMAN NEUTROPHILS USING CONFOCAL LASER SCANNING MICROSCOPY. Cell Biology International, 1997, 21, 649-654.	1.4	2
150	Fantastic Ca ₂ ⁺ waves fade out quietly. Cell Calcium, 2009, 46, 85-86.	1.1	2
151	Microinjection Methods for Neutrophils. Methods in Molecular Biology, 2014, 1124, 181-187.	0.4	2
152	Factor VIIa induced release of von Willebrand factor from human umbilical vein endothelial cells by a tyrosine kinase dependent pathway. Thrombosis and Haemostasis, 2002, 87, 1057-61.	1.8	2
153	Free Ca ₂ ⁺ inside cell ghosts and fused cell hybrids. Biochemical Society Transactions, 1982, 10, 210-210.	1.6	1
154	The roles of endocytosis and exocytosis in oxygen-radical production by polymorphonuclear leucocytes. Biochemical Society Transactions, 1984, 12, 1083-1084.	1.6	1
155	The use of single image random dot stereograms for presenting 3D microscopic confocal images. Journal of Microscopy, 1997, 186, 275-278.	0.8	1
156	Intranuclear Ca ₂ ⁺ signals within individual nuclear lobes of neutrophils. Cell Biology International, 2003, 27, 395-402.	1.4	1
157	Optical Methods for the Measurement and Manipulation of Cytosolic Calcium Signals in Neutrophils. Methods in Molecular Biology, 2020, 2087, 191-205.	0.4	1
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