

# Maurice B Hallett

## List of Publications by Year in descending order

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168  
papers

5,139  
citations

109137

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106150

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171  
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171  
docs citations

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times ranked

4481  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	EPIC3, a novel Ca <sup>2+</sup> indicator located at the cell cortex and in microridges, detects high Ca <sup>2+</sup> subdomains during Ca <sup>2+</sup> influx and phagocytosis. <i>Cell Calcium</i> , 2020, 92, 102291.	1.1	3
3	Ca <sup>2+</sup> -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
4	Optical Methods for the Measurement and Manipulation of Cytosolic Calcium Signals in Neutrophils. <i>Methods in Molecular Biology</i> , 2020, 2087, 191-205.	0.4	1
5	Microinjection and Micropipette-Controlled Phagocytosis Methods for Neutrophils. <i>Methods in Molecular Biology</i> , 2020, 2087, 117-125.	0.4	1
6	Calpain Activation by Ca <sup>2+</sup> and Its Role in Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 129-151.	0.8	7
7	Conclusions and the Futures of Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 179-182.	0.8	0
8	An Introduction to Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 1-7.	0.8	8
9	A Brief History of Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 9-42.	0.8	0
10	Membrane Tension and the Role of Ezrin During Phagocytosis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1246, 83-102.	0.8	9
11	Single cell measurement of calpain activity in neutrophils reveals link to cytosolic Ca <sup>2+</sup> elevation and individual phagocytotic events. <i>Biochemical and Biophysical Research Communications</i> , 2019, 515, 163-168.	1.0	3
12	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
13	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
14	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
15	Topographical interrogation of the living cell surface reveals its role in rapid cell shape changes during phagocytosis and spreading. <i>Scientific Reports</i> , 2017, 7, 9790.	1.6	14
16	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
17	The structural basis of differential inhibition of human calpain by indole and phenyl $\beta$ -mercaptoacrylic acids. <i>Journal of Structural Biology</i> , 2014, 187, 236-241.	1.3	9
18	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

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19	Microinjection Methods for Neutrophils. <i>Methods in Molecular Biology</i> , 2014, 1124, 181-187.	0.4	2
20	Optical Methods for the Measurement and Manipulation of Cytosolic Calcium Signals in Neutrophils. <i>Methods in Molecular Biology</i> , 2014, 1124, 107-120.	0.4	0
21	Ca <sup>2+</sup> and calpain control membrane expansion during rapid cell spreading of neutrophils. <i>Journal of Cell Science</i> , 2013, 126, 4627-35.	1.2	27
22	Transforming Growth Factor- $\beta$ 1 (TGF- $\beta$ 1)-stimulated Fibroblast to Myofibroblast Differentiation Is Mediated by Hyaluronan (HA)-facilitated Epidermal Growth Factor Receptor (EGFR) and CD44 Co-localization in Lipid Rafts. <i>Journal of Biological Chemistry</i> , 2013, 288, 14824-14838.	1.6	220
23	Ca <sup>2+</sup> activation of cytosolic calpain induces the transition from apoptosis to necrosis in neutrophils with externalized phosphatidylserine. <i>Journal of Leukocyte Biology</i> , 2013, 93, 95-100.	1.5	15
24	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
25	Potent inhibition of Ca <sup>2+</sup> -dependent activation of calpain-1 by novel mercaptoacrylates. <i>MedChemComm</i> , 2012, 3, 566-570.	3.5	22
26	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
27	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
28	Extracellular ATP induces spikes in cytosolic free Ca <sup>2+</sup> but not in NADPH oxidase activity in neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 1446-1452.	1.9	4
29	<i>In vivo</i> functional analysis and genetic modification of <i>in vitro</i> $\alpha$ -derived mouse neutrophils. <i>FASEB Journal</i> , 2011, 25, 1972-1982.	0.2	33
30	Ca <sup>2+</sup> , 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
31	Cell surface topology creates high Ca <sup>2+</sup> signalling microdomains. <i>Cell Calcium</i> , 2010, 47, 339-349.	1.1	29
32	A Reporter of UV Intensity Delivered to the Cytosol during Photolytic Uncaging. <i>Biophysical Journal</i> , 2010, 98, L25-L27.	0.2	8
33	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
34	Translocation or just location? Pseudopodia affect fluorescent signals. <i>Journal of Cell Biology</i> , 2009, 184, 197-203.	2.3	26
35	Fantastic Ca <sup>2+</sup> waves fade out quietly. <i>Cell Calcium</i> , 2009, 46, 85-86.	1.1	2
36	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

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37	Stopping the traffic: A route to arthritis therapy. <i>European Journal of Immunology</i> , 2008, 38, 2650-2653.	1.6	10
38	Chemotaxis and the cell surface-area problem. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 662-662.	16.1	33
39	IMMATURE CIRCULATING NEUTROPHILS IN SEPSIS HAVE IMPAIRED PHAGOCYTOSIS AND CALCIUM SIGNALING. <i>Shock</i> , 2008, 30, 618-622.	1.0	75
40	Leukocyte membrane "expansion" a central mechanism for leukocyte extravasation. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1160-1164.	1.5	55
41	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
42	Localised and rapid Ca <sup>2+</sup> micro-events in human neutrophils: Conventional Ca <sup>2+</sup> puffs and global waves without peripheral-restriction or wave cycling. <i>Cell Calcium</i> , 2007, 41, 525-536.	1.1	31
43	Ironing out the wrinkles of neutrophil phagocytosis. <i>Trends in Cell Biology</i> , 2007, 17, 209-214.	3.6	81
44	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
45	Chemiluminescence as an Analytical Tool in Cell Biology and Medicine. <i>Methods of Biochemical Analysis</i> , 2006, 31, 317-416.	0.2	63
46	Phagocytosis of optically-trapped particles: delivery of the pure phagocytic signal. <i>Cell Research</i> , 2006, 16, 852-854.	5.7	5
47	Localised PtdIns(3,4,5)P <sub>3</sub> or PtdIns(3,4)P <sub>2</sub> at the phagocytic cup is required for both phagosome closure and Ca <sup>2+</sup> signalling in HL60 neutrophils. <i>Journal of Cell Science</i> , 2006, 119, 443-451.	1.2	66
48	Reduced iC3b-mediated phagocytotic capacity of pulmonary neutrophils in cystic fibrosis. <i>Clinical and Experimental Immunology</i> , 2005, 142, 68-75.	1.1	47
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	Hepatocyte growth factor/scatter factor, liver regeneration and cancer metastasis. <i>British Journal of Surgery</i> , 2005, 80, 1368-1373.	0.1	85
51	Inappropriate neutrophil activation in venous disease. <i>British Journal of Surgery</i> , 2005, 81, 695-698.	0.1	34
52	Molecular and cellular basis of cancer invasion and metastasis: Implications for treatment. <i>British Journal of Surgery</i> , 2005, 81, 1576-1590.	0.1	114
53	Inhibition of neutrophil respiratory burst and cytokine priming by <sup>13</sup> -linolenic acid. <i>British Journal of Surgery</i> , 2005, 83, 659-664.	0.1	12
54	Adhesion and signaling by B cell-derived exosomes: the role of integrins. <i>FASEB Journal</i> , 2004, 18, 977-979.	0.2	280

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55	The mitochondrial ADPR link between Ca <sup>2+</sup> store release and Ca <sup>2+</sup> influx channel opening in immune cells. <i>FASEB Journal</i> , 2004, 18, 1335-1338.	0.2	18
56	Ca <sup>2+</sup> influx shutdown during neutrophil apoptosis: importance and possible mechanism. <i>Immunology</i> , 2004, 111, 8-12.	2.0	34
57	Signalling shutdown strategies in aging immune cells. <i>Aging Cell</i> , 2004, 3, 145-149.	3.0	11
58	Ca <sup>2+</sup> influx shutdown in neutrophils induced by Fas (CD95) cross-linking. <i>Immunology</i> , 2004, 112, 454-460.	2.0	8
59	Intranuclear Ca <sup>2+</sup> signals within individual nuclear lobes of neutrophils. <i>Cell Biology International</i> , 2003, 27, 395-402.	1.4	1
60	Holding back neutrophil aggression; the oxidase has potential. <i>Clinical and Experimental Immunology</i> , 2003, 132, 181-184.	1.1	21
61	Exclusion of exogenous phosphatidylinositol 3,4,5-trisphosphate from neutrophil polarizing pseudopodia: stabilization of the uropod and cell polarity. <i>EMBO Reports</i> , 2003, 4, 982-988.	2.0	14
62	Phagocytosis by Inflammatory Phagocytes Experimental Strategies for Stimulation and Quantification. , 2003, 225, 35-46.		6
63	Detection and Visualization of Oxidase Activity in Phagocytes. , 2003, 225, 61-68.		8
64	Phagosomal oxidative activity during $\beta_2$ integrin (CR3)-mediated phagocytosis by neutrophils is triggered by a non-restricted Ca <sup>2+</sup> signal: Ca <sup>2+</sup> controls time not space. <i>Journal of Cell Science</i> , 2003, 116, 2857-2865.	1.2	59
65	Cytosolic Ca <sup>2+</sup> Measurement and Imaging in Inflammatory Cells. , 2003, 225, 47-60.		10
66	Cytosolic free Ca <sup>2+</sup> changes and calpain activation are required for $\beta_2$ integrin "accelerated" phagocytosis by human neutrophils. <i>Journal of Cell Biology</i> , 2002, 159, 181-189.	2.3	109
67	GPI-anchored GFP signals Ca <sup>2+</sup> but is homogeneously distributed on the cell surface. <i>Biochemical and Biophysical Research Communications</i> , 2002, 293, 714-721.	1.0	24
68	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
69	Does neutrophil CD38 have a role in Ca <sup>++</sup> signaling triggered by $\beta_2$ integrin?. <i>Nature Medicine</i> , 2002, 8, 307-307.	15.2	3
70	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, 1057-61.	1.8	2
71	Osmotically induced cytosolic free Ca <sup>2+</sup> changes in human neutrophils. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2001, 1538, 20-27.	1.9	5
72	Control of Ca <sup>2+</sup> influx in human neutrophils by inositol 1,4,5-trisphosphate (IP3) binding: differential effects of micro-injected IP3 receptor antagonists. <i>Biochemical Journal</i> , 2001, 355, 139.	1.7	17

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73	Control of Ca <sup>2+</sup> influx in human neutrophils by inositol 1,4,5-trisphosphate (IP <sub>3</sub> ) binding: differential effects of micro-injected IP <sub>3</sub> receptor antagonists. <i>Biochemical Journal</i> , 2001, 355, 139-143.	1.7	25
74	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
75	Expression of GPI-linked Green Fluorescent Protein on the surface of CHO cells. <i>Biochemical Society Transactions</i> , 2000, 28, A396-A396.	1.6	0
76	The MEK inhibitor, PD98059, reduces survival but does not block acute myeloid leukemia blast maturation in vitro. <i>European Journal of Haematology</i> , 2000, 64, 211-218.	1.1	15
77	Gentle microinjection for myeloid cells using SLAM. <i>Blood</i> , 2000, 95, 3270-3271.	0.6	15
78	Nonuniform Distribution of Ca <sup>2+</sup> Uptake Sites within Human Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 2000, 279, 337-340.	1.0	8
79	Gentle microinjection for myeloid cells using SLAM. <i>Blood</i> , 2000, 95, 3270-3271.	0.6	4
80	Techniques for measuring and manipulating free Ca <sup>2+</sup> in the cytosol and organelles of neutrophils. <i>Journal of Immunological Methods</i> , 1999, 232, 77-88.	0.6	32
81	Ca <sup>2+</sup> 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
82	High Micromolar Ca <sup>2+</sup> beneath the Plasma Membrane in Stimulated Neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 679-683.	1.0	42
83	Lipid-Assisted Microinjection: Introducing Material into the Cytosol and Membranes of Small Cells. <i>Biophysical Journal</i> , 1998, 75, 2558-2563.	0.2	54
84	Two distinct Ca <sup>2+</sup> storage and release sites in human neutrophils. <i>Journal of Leukocyte Biology</i> , 1998, 63, 225-232.	1.5	26
85	Cellular localisation of the most common mutant form of the CF gene protein, $\Delta$ F508 $\Delta$ CFTR. <i>Biochemical Society Transactions</i> , 1998, 26, S293-S293.	1.6	3
86	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
87	Pulsatile Ca <sup>2+</sup> Influx in Human Neutrophils Undergoing CD11b/CD18 Integrin Engagement. <i>Biochemical and Biophysical Research Communications</i> , 1997, 230, 258-261.	1.0	12
88	The Timing and Magnitude of Ca <sup>2+</sup> Signaling by CD32 Depends on Its Redistribution on the Cell Surface. <i>Experimental Cell Research</i> , 1997, 230, 303-309.	1.2	6
89	Does Actin Polymerization Status Modulate Ca <sup>2+</sup> Storage in Human Neutrophils? Release and Coalescence of Ca <sup>2+</sup> Stores by Cytochalasins. <i>Experimental Cell Research</i> , 1997, 234, 379-387.	1.2	11
90	Spatial and Temporal Separation of Calcium Signals in Myeloid Cells Stimulated by Immune Complexes. <i>Cellular Signalling</i> , 1997, 9, 457-462.	1.7	0

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91	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
92	Seeing the wood for the trees: the forgotten role of neutrophils in rheumatoid arthritis. <i>Trends in Immunology</i> , 1997, 18, 320-324.	7.5	334
93	The use of single image random dot stereograms for presenting 3D microscopic confocal images. <i>Journal of Microscopy</i> , 1997, 186, 275-278.	0.8	1
94	Controlling the molecular motor of neutrophil chemotaxis. <i>BioEssays</i> , 1997, 19, 615-621.	1.2	17
95	DYNAMIC IMAGING OF CYTOSOLIC FREE CA <sup>2+</sup> IN HUMAN NEUTROPHILS USING CONFOCAL LASER SCANNING MICROSCOPY. <i>Cell Biology International</i> , 1997, 21, 649-654.	1.4	2
96	USE OF FLUORESCENT DYES FOR MEASUREMENT AND LOCALIZATION OF ORGANELLES ASSOCIATED WITH CA <sup>2+</sup> STORE RELEASE IN HUMAN NEUTROPHILS. <i>Cell Biology International</i> , 1997, 21, 655-663.	1.4	9
97	Stochastic Events Underlie Ca <sup>2+</sup> Signalling in Neutrophils. <i>Journal of Theoretical Biology</i> , 1997, 186, 1-6.	0.8	13
98	Fluorescent Methods for Measuring and Imaging Cytosolic Free Ca <sup>2+</sup> in Neutrophils. <i>Methods</i> , 1996, 9, 591-606.	1.9	22
99	Temporal and Spatial Resolution of Ca <sup>2+</sup> Release and Influx in Human Neutrophils Using a Novel Confocal Laser Scanning Mode. <i>Biochemical and Biophysical Research Communications</i> , 1996, 229, 109-113.	1.0	13
100	Integrin Triggered CA <sup>2+</sup> Signalling in Human Neutrophils. <i>Biochemical Society Transactions</i> , 1996, 24, 70S-70S.	1.6	2
101	Tyrosine phosphorylation in inflammatory neutrophils. <i>Biochemical Society Transactions</i> , 1996, 24, 79S-79S.	1.6	2
102	Near Membrane CA <sup>2+</sup> Changes in Neutrophils. <i>Biochemical Society Transactions</i> , 1996, 24, 92S-92S.	1.6	2
103	Near membrane Ca <sup>2+</sup> changes resulting from store release in neutrophils: detection by FFP-18. <i>Cell Calcium</i> , 1996, 19, 355-362.	1.1	43
104	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
105	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
106	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
107	Inhibition of cancer cell motility and invasion by interleukin-12. <i>Clinical and Experimental Metastasis</i> , 1995, 13, 396-404.	1.7	37
108	Inhibition of hepatocyte growth factor-induced motility and in vitro invasion of human colon cancer cells by gamma-linolenic acid. <i>British Journal of Cancer</i> , 1995, 71, 744-752.	2.9	123

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109	Neutrophil priming: the cellular signals that say "amber" but not "green". Trends in Immunology, 1995, 16, 264-268.	7.5	236
110	Complement component C9-dependent cytosolic free Ca <sup>2+</sup> rise and recovery in neutrophils. Cell Calcium, 1995, 17, 279-286.	1.1	7
111	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
112	Development of oxidase "priming" in maturing HL60 cells: Correlation with protein expression and tyrosine phosphorylation. Biochimica Et Biophysica Acta - Molecular Cell Research, 1995, 1267, 65-71.	1.9	5
113	A Soluble Cellular Factor Directly Stimulates Ca <sup>2+</sup> Entry in Neutrophils. Biochemical and Biophysical Research Communications, 1995, 206, 348-354.	1.0	43
114	Induction of Tyrosine Phosphorylation and Translocation of Ezrin by Hepatocyte Growth Factor/Scatter Factor (HGF/SF). Biochemical and Biophysical Research Communications, 1995, 217, 1062-1069.	1.0	55
115	Inhibition of HGF/SF-Induced Membrane Ruffling and Cell Motility by Transient Elevation of Cytosolic Free Ca <sup>2+</sup> . Experimental Cell Research, 1995, 220, 424-433.	1.2	16
116	The production of large "signalling competent" myeloid cells from circulating CD34+ cells in neonatal blood. Journal of Immunological Methods, 1995, 179, 187-192.	0.6	3
117	Altered Ca <sup>2+</sup> signalling in human neutrophils from inflammatory sites.. Annals of the Rheumatic Diseases, 1994, 53, 446-449.	0.5	9
118	Neutrophil "priming" induced by orthovanadate: Evidence of a role for tyrosine phosphorylation. Biochemical Pharmacology, 1994, 48, 15-21.	2.0	26
119	Protein expression and development of oxidase "priming" in maturing HL60 cells. Biochemical Society Transactions, 1994, 22, 326S-326S.	1.6	0
120	Neutrophil activation and priming during engagement of CD11b/CD18 integrins. Biochemical Society Transactions, 1994, 22, 327S-327S.	1.6	3
121	Neutrophil Priming by Cytokines in Patients With Obstructive Jaundice. HPB Surgery, 1994, 7, 281-289.	2.2	24
122	Monocyte-conditioned media possess a novel factor which increases motility of cancer cells. International Journal of Cancer, 1993, 53, 426-431.	2.3	22
123	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
124	Regulation of spreading and growth of colon cancer cells by hepatocyte growth factor. Clinical and Experimental Metastasis, 1993, 11, 235-242.	1.7	72
125	Activation and priming of the human neutrophil oxidase response by substance P: Distinct signal transduction pathways. Biochimica Et Biophysica Acta - Molecular Cell Research, 1993, 1175, 207-213.	1.9	29
126	Dissociation of store release from transmembrane influx of calcium in human neutrophils. FEBS Letters, 1992, 313, 121-125.	1.3	16



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127	U937 cells stimulated with opsonised zymozan particles provide a convenient laboratory source of tumour necrosis factor $\hat{\pm}$ . Journal of Immunological Methods, 1992, 152, 201-207.	0.6	8
128	Synchronous free $Ca^{2+}$ changes in individual neutrophils stimulated by leukotriene B4. FEBS Letters, 1991, 291, 135-138.	1.3	9
129	The production of an amine-modified derivative of 5-aminosalicylic acid by activated neutrophils Roles for myeloperoxidase and chloride ions. Biochemical Pharmacology, 1991, 42, 1869-1874.	2.0	3
130	Mechanisms of Oxidase Activation in Neutrophils. Blood Cell Biochemistry, 1991, , 289-334.	0.3	4
131	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
132	Toxic oxygen metabolite production by circulating phagocytic cells in inflammatory bowel disease.. Gut, 1990, 31, 187-193.	6.1	80
133	â€œClampingâ€ actin in polymerized form in electroporated neutrophils inhibits oxidase activation. Biochemical and Biophysical Research Communications, 1990, 169, 1222-1228.	1.0	5
134	Effect of sulphasalazine and its active metabolite, 5-amino-salicylic acid, on toxic oxygen metabolite production by neutrophils.. Gut, 1989, 30, 1581-1587.	6.1	56
135	Effect of Nicotine and Cotinine on the Production of Oxygen Free Radicals by Neutrophils in Smokers and Non-smokers. Human Toxicology, 1989, 8, 461-463.	0.9	37
136	The reaction of 5-amino-salicylic acid with hypochlorite. Biochemical Pharmacology, 1989, 38, 149-154.	2.0	39
137	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
138	Diphenyliodonium-sensitive killing of K562 tumour cells by blood mononuclear cells. Biochemical Society Transactions, 1988, 16, 902-902.	1.6	0
139	Actin polymerization modifies stimulus-oxidase coupling in rat neutrophils. Biochimica Et Biophysica Acta - Molecular Cell Research, 1987, 927, 366-371.	1.9	25
140	Diacylglycerol kinase inhibitor, R59022, potentiates neutrophil oxidase activation by $Ca^{2+}$ -dependent stimuli. Biochemical Pharmacology, 1987, 36, 3459-3462.	2.0	16
141	Botulinum C2toxin potentiates activation of the neutrophil oxidase Further evidence of a role for actin polymerization. FEBS Letters, 1987, 219, 40-44.	1.3	34
142	Inhibition of protein kinase C mediated signal transduction by tamoxifen. Biochemical Pharmacology, 1986, 35, 4463-4465.	2.0	132
143	Retinoids interact with the mechanism of neutrophil oxidase activation. Biochemical Society Transactions, 1986, 14, 954-955.	1.6	0
144	A versatile light microscope heating stage for biological temperatures. Journal of Microscopy, 1986, 142, 371-374.	0.8	9

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145	The role of oxygen radical production by rat polymorphonuclear leucocytes in "reperfusion injury". Biochemical Society Transactions, 1985, 13, 1195-1196.	1.6	2
146	2-Chloroadenosine inhibits complement-induced reactive oxygen metabolite production and recovery of human polymorphonuclear leucocytes attacked by complement. Biochemical Society Transactions, 1985, 13, 722-723.	1.6	0
147	The role of microfilaments in polymorphonuclear leucocyte oxidase activation. Biochemical Society Transactions, 1985, 13, 1173-1174.	1.6	2
148	Monoclonal antibodies to human polymorphonuclear leucocyte granule antigens. Biochemical Society Transactions, 1985, 13, 1197-1199.	1.6	0
149	Coelenterate photoproteins as indicators of cytoplasmic free Ca <sup>2+</sup> in small cells. Cell Calcium, 1985, 6, 69-82.	1.1	11
150	Quantal secretion and response lag demonstrated in single rat neutrophils. Biochimica Et Biophysica Acta - Molecular Cell Research, 1985, 847, 15-19.	1.9	11
151	Mechanism of protection against "reperfusion injury" by aprotinin Roles of polymorphonuclear leucocytes and oxygen radicals. Biochemical Pharmacology, 1985, 34, 1757-1761.	2.0	34
152	Is intracellular Ca <sup>2+</sup> the trigger for oxygen radical production by polymorphonuclear leucocytes?. Cell Calcium, 1984, 5, 1-19.	1.1	77
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