

# Anthony Segal

## List of Publications by Year in descending order

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177  
papers

18,451  
citations

18436

62  
h-index

12233

133  
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187  
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187  
docs citations

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times ranked

15420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of contraceptives and risk of inflammatory bowel disease: a nested case-control study. <i>Alimentary Pharmacology and Therapeutics</i> , 2022, 55, 318-326.	1.9	5
2	Genetic analysis of four consanguineous multiplex families with inflammatory bowel disease. <i>Gastroenterology Report</i> , 2021, 9, 521-532.	0.6	5
3	Incidence and prevalence of inflammatory bowel disease in UK primary care: a population-based cohort study. <i>BMJ Open</i> , 2020, 10, e036584.	0.8	44
4	Studies on patients establish Crohn's disease as a manifestation of impaired innate immunity. <i>Journal of Internal Medicine</i> , 2019, 286, 373-388.	2.7	22
5	Variations in the Phagosomal Environment of Human Neutrophils and Mononuclear Phagocyte Subsets. <i>Frontiers in Immunology</i> , 2019, 10, 188.	2.2	29
6	Elevation in Cell Cycle and Protein Metabolism Gene Transcription in Inactive Colonic Tissue From Icelandic Patients With Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2019, 25, 317-327.	0.9	5
7	Functional variants in the <i>LRRK2</i> gene confer shared effects on risk for Crohn's disease and Parkinson's disease. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	273
8	Proteasomal degradation of NOD2 by NLRP12 in monocytes promotes bacterial tolerance and colonization by enteropathogens. <i>Nature Communications</i> , 2018, 9, 5338.	5.8	44
9	A New Look at Familial Risk of Inflammatory Bowel Disease in the Ashkenazi Jewish Population. <i>Digestive Diseases and Sciences</i> , 2018, 63, 3049-3057.	1.1	13
10	Rare coding variant analysis in a large cohort of Ashkenazi Jewish families with inflammatory bowel disease. <i>Human Genetics</i> , 2018, 137, 723-734.	1.8	8
11	The role of neutrophils in the pathogenesis of Crohn's disease. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12983.	1.7	23
12	Insights into the genetic epidemiology of Crohn's and rare diseases in the Ashkenazi Jewish population. <i>PLoS Genetics</i> , 2018, 14, e1007329.	1.5	66
13	The Human Salivary Microbiome Is Shaped by Shared Environment Rather than Genetics: Evidence from a Large Family of Closely Related Individuals. <i>MBio</i> , 2017, 8, .	1.8	82
14	Imaging the Neutrophil Phagosome and Cytoplasm Using a Ratiometric pH Indicator. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	9
15	The NADPH Oxidase and Microbial Killing by Neutrophils, With a Particular Emphasis on the Proposed Antimicrobial Role of Myeloperoxidase within the Phagocytic Vacuole. , 2017, , 599-613.		0
16	An Exploration of Charge Compensating Ion Channels across the Phagocytic Vacuole of Neutrophils. <i>Frontiers in Pharmacology</i> , 2017, 8, 94.	1.6	14
17	The LRRC8A Mediated "Swell Activated" Chloride Conductance Is Dispensable for Vacuolar Homeostasis in Neutrophils. <i>Frontiers in Pharmacology</i> , 2017, 8, 262.	1.6	9
18	Making sense of the cause of Crohn's " a new look at an old disease. <i>F1000Research</i> , 2016, 5, 2510.	0.8	13

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19	A Frameshift in CSF2RB Predominant Among Ashkenazi Jews Increases Risk for Crohn's Disease and Reduces Monocyte Signaling via GM-CSF. <i>Gastroenterology</i> , 2016, 151, 710-723.e2.	0.6	51
20	Genetic Complexity of Crohn's Disease in Two Large Ashkenazi Jewish Families. <i>Gastroenterology</i> , 2016, 151, 698-709.	0.6	54
21	The NADPH Oxidase and Microbial Killing by Neutrophils, With a Particular Emphasis on the Proposed Antimicrobial Role of Myeloperoxidase within the Phagocytic Vacuole. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	24
22	Critical Role of the Disintegrin Metalloprotease ADAM-like Decysin-1 [ADAMDEC1] for Intestinal Immunity and Inflammation. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 1417-1427.	0.6	27
23	NADPH oxidases as electrochemical generators to produce ion fluxes and turgor in fungi, plants and humans. <i>Open Biology</i> , 2016, 6, 160028.	1.5	44
24	Making sense of the cause of Crohn's " a new look at an old disease. <i>F1000Research</i> , 2016, 5, 2510.	0.8	13
25	Alkalinity of Neutrophil Phagocytic Vacuoles Is Modulated by HVCN1 and Has Consequences for Myeloperoxidase Activity. <i>PLoS ONE</i> , 2015, 10, e0125906.	1.1	87
26	Disruption of macrophage pro-inflammatory cytokine release in Crohn's disease is associated with reduced optineurin expression in a subset of patients. <i>Immunology</i> , 2015, 144, 45-55.	2.0	53
27	Combinatorial Conflicting Homozygosity (CCH) analysis enables the rapid identification of shared genomic regions in the presence of multiple phenocopies. <i>BMC Genomics</i> , 2015, 16, 163.	1.2	5
28	Characterization of Expression Quantitative Trait Loci in the Human Colon. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 251-256.	0.9	22
29	Optineurin deficiency contributes to impaired cytokine secretion and neutrophil recruitment in bacteria driven colitis. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 817-29.	1.2	48
30	Mucosal Transcriptomics Implicates Under Expression of BRINP3 in the Pathogenesis of Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2014, 20, 1802-1812.	0.9	30
31	Clinical Features of Candidiasis in Patients With Inherited Interleukin 12 Receptor $\beta 2$ Deficiency. <i>Clinical Infectious Diseases</i> , 2014, 58, 204-213.	2.9	98
32	ZODET: Software for the Identification, Analysis and Visualisation of Outlier Genes in Microarray Expression Data. <i>PLoS ONE</i> , 2014, 9, e81123.	1.1	7
33	Two CGD Families with a Hypomorphic Mutation in the Activation Domain of p67. <i>Journal of Clinical &amp; Cellular Immunology</i> , 2014, 5, .	1.5	4
34	Shotgun cholanomics of ileal fluid. <i>Biochimie</i> , 2013, 95, 461-463.	1.3	4
35	What Is Wrong with Granulocytes in Inflammatory Bowel Diseases?. <i>Digestive Diseases</i> , 2013, 31, 321-327.	0.8	27
36	Lipidomic profiling in Crohn's disease: Abnormalities in phosphatidylinositols, with preservation of ceramide, phosphatidylcholine and phosphatidylserine composition. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 1839-1846.	1.2	40

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37	Defective tumor necrosis factor release from Crohn's disease macrophages in response to toll-like receptor activation: Relationship to phenotype and genome-wide association susceptibility loci. <i>Inflammatory Bowel Diseases</i> , 2012, 18, 2120-2127.	0.9	28
38	Phenotypic heterogeneity and evidence of a founder effect associated with G6PC3 mutations in patients with severe congenital neutropenia. <i>British Journal of Haematology</i> , 2012, 158, 146-149.	1.2	23
39	A phagocyte dilemma.... <i>Nature Immunology</i> , 2011, 12, 201-202.	7.0	7
40	The Neutrophil Respiratory Burst and Bacterial Digestion in Crohn's Disease. <i>Digestive Diseases and Sciences</i> , 2011, 56, 1482-1488.	1.1	21
41	G6PC3 mutations are associated with a major defect of glycosylation: a novel mechanism for neutrophil dysfunction. <i>Glycobiology</i> , 2011, 21, 914-924.	1.3	78
42	Crohn's Disease: an Immune Deficiency State. <i>Clinical Reviews in Allergy and Immunology</i> , 2010, 38, 20-31.	2.9	83
43	Delayed Resolution of Acute Inflammation in Ulcerative Colitis Is Associated with Elevated Cytokine Release Downstream of TLR4. <i>PLoS ONE</i> , 2010, 5, e9891.	1.1	23
44	Crohn's disease as an immunodeficiency. <i>Expert Review of Clinical Immunology</i> , 2010, 6, 585-596.	1.3	22
45	CO Binding and Ligand Discrimination in Human Myeloperoxidase. <i>Biochemistry</i> , 2010, 49, 2150-2158.	1.2	12
46	Subcellular localisation of the p40phox component of NADPH oxidase involves direct interactions between the Phox homology domain and F-actin. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1736-1743.	1.2	18
47	Diminished Macrophage Apoptosis and Reactive Oxygen Species Generation after Phorbol Ester Stimulation in Crohn's Disease. <i>PLoS ONE</i> , 2009, 4, e7787.	1.1	18
48	Inflammatory Bowel Disease in CGD Reproduces the Clinicopathological Features of Crohn's Disease. <i>American Journal of Gastroenterology</i> , 2009, 104, 117-124.	0.2	205
49	Disordered macrophage cytokine secretion underlies impaired acute inflammation and bacterial clearance in Crohn's disease. <i>Journal of Experimental Medicine</i> , 2009, 206, 2301-2301.	4.2	5
50	Subproteome analysis of the neutrophil cytoskeleton. <i>Proteomics</i> , 2009, 9, 2037-2049.	1.3	37
51	Impaired macrophage function following bacterial stimulation in chronic granulomatous disease. <i>Immunology</i> , 2009, 128, 253-259.	2.0	33
52	The immunopathogenesis of Crohn's disease: a three-stage model. <i>Current Opinion in Immunology</i> , 2009, 21, 506-513.	2.4	84
53	Disordered macrophage cytokine secretion underlies impaired acute inflammation and bacterial clearance in Crohn's disease. <i>Journal of Experimental Medicine</i> , 2009, 206, 1883-1897.	4.2	368
54	Inflammatory Bowel Disease and Mutations Affecting the Interleukin-10 Receptor. <i>New England Journal of Medicine</i> , 2009, 361, 2033-2045.	13.9	1,244

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55	Severe Early-Onset Inflammatory Bowel Disease Caused by IL10 Receptor Deficiency Can Be Cured by Allogeneic Hematopoietic Stem Cell Transplantation.. <i>Blood</i> , 2009, 114, 713-713.	0.6	0
56	Innate immunity in inflammatory bowel disease: a disease hypothesis. <i>Journal of Pathology</i> , 2008, 214, 260-266.	2.1	75
57	Phagocyte dysfunction and inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2008, 14, 1443-1452.	0.9	48
58	The function of the NADPH oxidase of phagocytes and its relationship to other NOXs in plants, invertebrates, and mammals. <i>International Journal of Biochemistry and Cell Biology</i> , 2008, 40, 604-618.	1.2	116
59	The function of the NADPH oxidase of phagocytes, and its relationship to other NOXs. <i>Biochemical Society Transactions</i> , 2007, 35, 1100-1103.	1.6	25
60	Mice Lacking Neutrophil Elastase Are Resistant to Bleomycin-Induced Pulmonary Fibrosis. <i>American Journal of Pathology</i> , 2007, 170, 65-74.	1.9	130
61	Modified skin window technique for the extended characterisation of acute inflammation in humans. <i>Inflammation Research</i> , 2007, 56, 168-174.	1.6	9
62	Defective acute inflammation in Crohn's disease: a clinical investigation. <i>Lancet, The</i> , 2006, 367, 668-678.	6.3	371
63	Impaired neutrophil chemotaxis in Crohn's disease relates to reduced production of chemokines and can be augmented by granulocyte-colony stimulating factor. <i>Alimentary Pharmacology and Therapeutics</i> , 2006, 24, 651-660.	1.9	55
64	The role of grancalcin in adhesion of neutrophils. <i>Cellular Immunology</i> , 2006, 240, 116-121.	1.4	20
65	An exuberant inflammatory response to E coli: implications for the pathogenesis of ulcerative colitis and pyoderma gangrenosum. <i>Gut</i> , 2006, 55, 1662-1663.	6.1	22
66	Can Unresolved Infection Precipitate Autoimmune Disease?. , 2006, 305, 105-125.		17
67	How superoxide production by neutrophil leukocytes kills microbes. <i>Novartis Foundation Symposium</i> , 2006, 279, 92-8; discussion 98-100, 216-9.	1.2	13
68	HOW NEUTROPHILS KILL MICROBES. <i>Annual Review of Immunology</i> , 2005, 23, 197-223.	9.5	1,489
69	The large-conductance Ca <sup>2+</sup> -activated K <sup>+</sup> channel is essential for innate immunity. <i>Nature</i> , 2004, 427, 853-858.	13.7	185
70	The NADPH oxidase of professional phagocytes is a prototype of the NOX electron transport chain systems. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2004, 1657, 1-22.	0.5	388
71	N-Formyl peptide receptor subtypes in human neutrophils activate I-plastin phosphorylation through different signal transduction intermediates. <i>Biochemical Journal</i> , 2004, 377, 469-477.	1.7	34
72	Effects of microinjected small GTPases on the actin cytoskeleton of human neutrophils. <i>Journal of Anatomy</i> , 2003, 203, 379-389.	0.9	8

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73	Reassessment of the microbicidal activity of reactive oxygen species and hypochlorous acid with reference to the phagocytic vacuole of the neutrophil granulocyte. <i>Journal of Medical Microbiology</i> , 2003, 52, 643-651.	0.7	91
74	Lipid rafts determine efficiency of NADPH oxidase activation in neutrophils. <i>FEBS Letters</i> , 2003, 550, 101-106.	1.3	122
75	Granulocyte Function in Grancalcin-Deficient Mice. <i>Molecular and Cellular Biology</i> , 2003, 23, 826-830.	1.1	25
76	PX domain takes shape. <i>Current Opinion in Hematology</i> , 2003, 10, 2-7.	1.2	19
77	Transforming Growth Factor- $\beta$ 2 Activation is Diminished in Fibrosis-Resistant Neutrophil Elastase-Deficient Mice. <i>Clinical Science</i> , 2003, 104, 58P-59P.	0.0	0
78	Ym1 Is a Neutrophil Granule Protein That Crystallizes in p47 -deficient Mice. <i>Journal of Biological Chemistry</i> , 2002, 277, 5468-5475.	1.6	82
79	Involvement of protein kinase D in Fc $\gamma$ 3-receptor activation of the NADPH oxidase in neutrophils. <i>Biochemical Journal</i> , 2002, 363, 95.	1.7	13
80	Involvement of protein kinase D in Fc $\gamma$ 3-receptor activation of the NADPH oxidase in neutrophils. <i>Biochemical Journal</i> , 2002, 363, 95-103.	1.7	18
81	Catalase negative <i>Staphylococcus aureus</i> retain virulence in mouse model of chronic granulomatous disease. <i>FEBS Letters</i> , 2002, 518, 107-110.	1.3	56
82	Killing activity of neutrophils is mediated through activation of proteases by K <sup>+</sup> flux. <i>Nature</i> , 2002, 416, 291-297.	13.7	1,014
83	The NADPH Oxidase Components p47phox and p40phox Bind to Moesin through Their PX Domain. <i>Biochemical and Biophysical Research Communications</i> , 2001, 289, 382-388.	1.0	75
84	Protein kinase C- $\delta$ C2-like domain is a binding site for actin and enables actin redistribution in neutrophils. <i>Biochemical Journal</i> , 2001, 357, 39.	1.7	32
85	Evidence That Neutrophil Elastase-Deficient Mice Are Resistant to Bleomycin-Induced Fibrosis. <i>Chest</i> , 2001, 120, S35-S36.	0.4	19
86	Protein kinase C- $\delta$ 2 contributes to NADPH oxidase activation in neutrophils. <i>Biochemical Journal</i> , 2000, 347, 285.	1.7	49
87	Protein kinase C- $\delta$ 2 contributes to NADPH oxidase activation in neutrophils. <i>Biochemical Journal</i> , 2000, 347, 285-289.	1.7	160
88	Impaired Immunity and Enhanced Resistance to Endotoxin in the Absence of Neutrophil Elastase and Cathepsin G. <i>Immunity</i> , 2000, 12, 201-210.	6.6	350
89	SIGNAL TRANSDUCTION: Signals to Move Cells. <i>Science</i> , 2000, 287, 982-985.	6.0	106
90	Asymmetric signal transduction. <i>Science</i> , 2000, 287, 983-983.	6.0	1

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91	Components and organization of the nadph oxidase of phagocytic cells. <i>Advances in Cellular and Molecular Biology of Membranes and Organelles</i> , 1999, 5, 441-483.	0.3	7
92	Phosphorylation of p67phox in the neutrophil occurs in the cytosol and is independent of p47phox. <i>FEBS Letters</i> , 1999, 449, 225-229.	1.3	27
93	Activation of the Neutrophil NADPH Oxidase Is Inhibited by SB 203580, a Specific Inhibitor of SAPK2/p38. <i>Biochemical and Biophysical Research Communications</i> , 1999, 259, 465-470.	1.0	63
94	Reconstitution of GTP $\gamma$ S-Induced NADPH Oxidase Activity in Streptolysin-O-Permeabilized Neutrophils by Specific Cytosol Fractions. <i>Biochemical and Biophysical Research Communications</i> , 1999, 265, 29-37.	1.0	8
95	The major phosphorylation site of the NADPH oxidase component p67phox is Thr233. <i>Biochemical Journal</i> , 1999, 338, 99-105.	1.7	41
96	Characterization and partial purification of a novel neutrophil membrane-associated kinase capable of phosphorylating the respiratory burst component p47phox. <i>Biochemical Journal</i> , 1999, 338, 359-366.	1.7	12
97	The major phosphorylation site of the NADPH oxidase component p67phox is Thr233. <i>Biochemical Journal</i> , 1999, 338, 99.	1.7	6
98	Characterization and partial purification of a novel neutrophil membrane-associated kinase capable of phosphorylating the respiratory burst component p47phox. <i>Biochemical Journal</i> , 1999, 338, 359.	1.7	6
99	Direct interaction between p47phox and protein kinase C: evidence for targeting of protein kinase C by p47phox in neutrophils. <i>Biochemical Journal</i> , 1999, 344, 859.	1.7	30
100	Impairment of Mycobacterial Immunity in Human Interleukin-12 Receptor Deficiency. <i>Science</i> , 1998, 280, 1432-1435.	6.0	787
101	Cryptic Rac-binding and p21-activated Kinase Phosphorylation Sites of NADPH Oxidase Component p67. <i>Journal of Biological Chemistry</i> , 1998, 273, 15693-15701.	1.6	75
102	Chronic Granulomatous Disease. , 1998, , 565-567.		0
103	Immunoelectron microscopy shows a clustered distribution of NADPH oxidase components in the human neutrophil plasma membrane. <i>Journal of Leukocyte Biology</i> , 1997, 61, 303-312.	1.5	48
104	Analysis of glycosylation sites on gp91phox, the flavocytochrome of the NADPH oxidase, by site-directed mutagenesis and translation in vitro. <i>Biochemical Journal</i> , 1997, 321, 583-585.	1.7	91
105	The NADPH Oxidase of Phagocytic Leukocytes. <i>Annals of the New York Academy of Sciences</i> , 1997, 832, 215-222.	1.8	87
106	Deficiency of p67 phox , p47 phox or gp91 phox in chronic granulomatous disease does not impair leucocyte chemotaxis or motility. <i>British Journal of Haematology</i> , 1997, 96, 543-550.	1.2	16
107	NADPH oxidase. <i>International Journal of Biochemistry and Cell Biology</i> , 1996, 28, 1191-1195.	1.2	57
108	Interactions between cytosolic components of the NADPH oxidase: p40<i>phox</i> interacts with both p67<i>phox</i> and p47<i>phox</i>. <i>Biochemical Journal</i> , 1996, 317, 919-924.	1.7	92

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109	Stoichiometry of the subunits of flavocytochrome b558 of the NADPH oxidase of phagocytes. <i>Biochemical Journal</i> , 1996, 320, 33-38.	1.7	41
110	The NADPH oxidase and chronic granulomatous disease. <i>Trends in Molecular Medicine</i> , 1996, 2, 129-135.	2.6	115
111	The FRE1 Ferric Reductase of Is a Cytochrome Similar to That of NADPH Oxidase. <i>Journal of Biological Chemistry</i> , 1996, 271, 14240-14244.	1.6	124
112	Intramembrane Bis-Heme Motif for Transmembrane Electron Transport Conserved in a Yeast Iron Reductase and the Human NADPH Oxidase. <i>Journal of Biological Chemistry</i> , 1996, 271, 31021-31024.	1.6	195
113	[29] Reconstitution of cell-free NADPH oxidase activity by purified components. <i>Methods in Enzymology</i> , 1995, 256, 268-278.	0.4	7
114	NADPH oxidase and the respiratory burst. <i>Seminars in Cell Biology</i> , 1995, 6, 357-365.	3.5	101
115	The NADPH oxidase of phagocytic cells is an electron pump that alkalinises the phagocytic vacuole. <i>Protoplasma</i> , 1995, 184, 86-103.	1.0	21
116	Gene transfer to primary chronic granulomatous disease monocytes. <i>Lancet</i> , The, 1995, 346, 92-93.	6.3	19
117	NADPH Oxidase Is Not Essential for Low-Density Lipoprotein Oxidation by Human Monocyte-Derived Macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1994, 202, 1300-1307.	1.0	10
118	Chronic granulomatous disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 1994, 1227, 1-24.	1.8	203
119	A structural model for the nucleotide binding domains of the flavocytochrome <i>b</i> <sub>245</sub> chain. <i>Protein Science</i> , 1993, 2, 1675-1685.	3.1	126
120	Components of the NADPH oxidase of phagocytic cells and their abnormality in the molecular pathology of Chronic Granulomatous Disease (CGD). <i>Clinical and Experimental Allergy</i> , 1993, 23, 37-37.	1.4	0
121	The management of chronic granulomatous disease. <i>European Journal of Pediatrics</i> , 1993, 152, 896-899.	1.3	50
122	The biochemical basis of the NADPH oxidase of phagocytes. <i>Trends in Biochemical Sciences</i> , 1993, 18, 43-47.	3.7	585
123	Structure of the NADPH-oxidase: membrane components. <i>Immunodeficiency</i> , 1993, 4, 167-79.	1.2	8
124	Cytochrome <i>b</i> -245 is a flavocytochrome containing FAD and the NADPH-binding site of the microbicidal oxidase of phagocytes. <i>Biochemical Journal</i> , 1992, 284, 781-788.	1.7	352
125	Biochemistry and molecular biology of chronic granulomatous disease. <i>Journal of Inherited Metabolic Disease</i> , 1992, 15, 683-686.	1.7	5
126	Unique human neutrophil populations are defined by monoclonal antibody ED12F8C10. <i>Cellular Immunology</i> , 1991, 132, 102-114.	1.4	10



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127	Activation of the NADPH oxidase involves the small GTP-binding protein p21rac1. <i>Nature</i> , 1991, 353, 668-670.	13.7	940
128	Chronic granulomatous disease. <i>Clinical and Experimental Allergy</i> , 1991, 21, 195-198.	1.4	25
129	Separation of phosphoproteins by fast protein liquid chromatography. <i>Biomedical Applications</i> , 1990, 527, 152-157.	1.7	3
130	The $\beta$ subunit of cytochrome $b_5^{578}$ mapped to chromosome 16. <i>Genomics</i> , 1990, 8, 568-570.	1.3	8
131	The electron transport chain of the microbicidal oxidase of phagocytic cells and its involvement in the molecular pathology of chronic granulomatous disease. <i>Biochemical Society Transactions</i> , 1989, 17, 427-434.	1.6	17
132	The electron transport chain of the microbicidal oxidase of phagocytic cells and its involvement in the molecular pathology of chronic granulomatous disease.. <i>Journal of Clinical Investigation</i> , 1989, 83, 1785-1793.	3.9	283
133	The molecular and cellular pathology of Chronic Granulomatous Disease. <i>European Journal of Clinical Investigation</i> , 1988, 18, 433-443.	1.7	39
134	The bactericidal effects of the respiratory burst and the myeloperoxidase system isolated in neutrophil cytoplasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1988, 971, 266-274.	1.9	23
135	Phosphorylation of the subunits of cytochrome $b_5^{578}$ -245 upon triggering of the respiratory burst of human neutrophils and macrophages. <i>Biochemical Journal</i> , 1988, 252, 901-904.	1.7	59
136	The microbicidal oxidase of phagocytic cells and its involvement in the molecular pathology of chronic granulomatous disease. <i>Progress in Clinical and Biological Research</i> , 1988, 282, 225-34.	0.2	0
137	Cytochrome b-245 and its involvement in the molecular pathology of chronic granulomatous disease. <i>Hematology/Oncology Clinics of North America</i> , 1988, 2, 213-23.	0.9	4
138	The X-linked chronic granulomatous disease gene codes for the $\beta$ -chain of cytochrome $b_5^{578}$ . <i>Nature</i> , 1987, 327, 720-721.	13.7	283
139	Absence of both cytochrome $b_5^{578}$ subunits from neutrophils in X-linked chronic granulomatous disease. <i>Nature</i> , 1987, 326, 88-91.	13.7	315
140	Further evidence for the involvement of a phosphoprotein in the respiratory burst oxidase of human neutrophils. <i>Biochemical Journal</i> , 1986, 239, 723-731.	1.7	118
141	PRELIMINARY EVIDENCE FOR GLUT INVOLVEMENT IN THE PATHOGENESIS OF RHEUMATOID ARTHRITIS?. <i>Rheumatology</i> , 1986, 25, 162-166.	0.9	58
142	Production of the superoxide adduct of myeloperoxidase (compound III) by stimulated human neutrophils and its reactivity with hydrogen peroxide and chloride. <i>Biochemical Journal</i> , 1985, 228, 583-592.	1.7	153
143	Stimulated neutrophils from patients with autosomal recessive chronic granulomatous disease fail to phosphorylate a Mr-44,000 protein. <i>Nature</i> , 1985, 316, 547-549.	13.7	288
144	VARIATIONS ON THE THEME OF CHRONIC GRANULOMATOUS DISEASE. <i>Lancet</i> , The, 1985, 325, 1378-1383.	6.3	41

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145	Elastase in the different primary granules of the human neutrophil. Biochemical and Biophysical Research Communications, 1985, 132, 1130-1136.	1.0	21
146	Elemental diet as primary treatment of acute Crohn's disease: a controlled trial.. BMJ: British Medical Journal, 1984, 288, 1859-1862.	2.4	411
147	The kinetic measurement of phagocyte function in whole blood. Journal of Immunological Methods, 1983, 60, 125-140.	0.6	8
148	Iodination by stimulated human neutrophils. Studies on its stoichiometry, subcellular localization and relevance to microbial killing. Biochemical Journal, 1983, 210, 215-225.	1.7	38
149	The Action of Cells from Patients with Chronic Granulomatous Disease on Staphylococcus Aureus. Journal of Medical Microbiology, 1982, 15, 441-449.	0.7	20
150	The association of FAD with the cytochrome <i>b</i> 245 of human neutrophils. Biochemical Journal, 1982, 208, 759-763.	3.2	106
151	Studies of cyanide binding to myeloperoxidase by electron paramagnetic resonance and magnetic circular dichroism spectroscopies. BBA - Proteins and Proteomics, 1982, 703, 187-195.	2.1	36
152	Cytochrome b-245 of neutrophils is also present in human monocytes, macrophages and eosinophils. Biochemical Journal, 1981, 196, 363-367.	1.7	121
153	Inhibition of lipid peroxidation by the iron-binding protein lactoferrin. Biochemical Journal, 1981, 199, 259-261.	1.7	233
154	The antimicrobial role of the neutrophil leukocyte. Journal of Infection, 1981, 3, 3-17.	1.7	17
155	The respiratory burst of phagocytic cells is associated with a rise in vacuolar pH. Nature, 1981, 290, 406-409.	13.7	428
156	Kinetics of fusion of the cytoplasmic granules with phagocytic vacuoles in human polymorphonuclear leukocytes. Biochemical and morphological studies.. Journal of Cell Biology, 1980, 85, 42-59.	2.3	164
157	A rapid single centrifugation step method for the separation of erythrocytes, granulocytes and mononuclear cells on continuous density gradients of percoll. Journal of Immunological Methods, 1980, 32, 209-214.	0.6	52
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