

# Steven Edwards

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5781284/steven-edwards-publications-by-year.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115  
papers

6,991  
citations

42  
h-index

82  
g-index

120  
ext. papers

7,938  
ext. citations

4.7  
avg. IF

5.79  
L-index

#	Paper	IF	Citations
115	Internalization of Neutrophil-Derived Microvesicles Modulates TNF $\alpha$ -Stimulated Proinflammatory Cytokine Production in Human Fibroblast-Like Synoviocytes. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
114	The Inhibitory Effect of Human Beta-defensin-3 on Isolated from Patients with Candidiasis. <i>Immunological Investigations</i> , <b>2021</b> , 50, 80-91	2.9	3
113	Type I interferon regulates cytokine-delayed neutrophil apoptosis, reactive oxygen species production and chemokine expression. <i>Clinical and Experimental Immunology</i> , <b>2021</b> , 203, 151-159	6.2	3
112	Isolation of Microvesicles from Human Circulating Neutrophils. <i>Bio-protocol</i> , <b>2021</b> , 11, e3119	0.9	0
111	APPA (apocynin and paeonol) modulates pathological aspects of human neutrophil function, without suppressing antimicrobial ability, and inhibits TNF $\alpha$ expression and signalling. <i>Inflammopharmacology</i> , <b>2020</b> , 28, 1223-1235	5.1	3
110	Defective Neutrophil Function in Patients with Sepsis Is Mostly Restored by ex vivo Ascorbate Incubation. <i>Journal of Inflammation Research</i> , <b>2020</b> , 13, 263-274	4.8	8
109	Enhanced neutrophil functions during <i>Opisthorchis viverrini</i> infections and correlation with advanced periductal fibrosis. <i>International Journal for Parasitology</i> , <b>2020</b> , 50, 145-152	4.3	2
108	The clinical significance of fungi in atopic dermatitis. <i>International Journal of Dermatology</i> , <b>2020</b> , 59, 926-935	4.7	7
107	Relationships between blood leukocyte mitochondrial DNA copy number and inflammatory cytokines in knee osteoarthritis. <i>Journal of Zhejiang University: Science B</i> , <b>2020</b> , 21, 42-52	4.5	3
106	The Inhibitory Effect of Validamycin A on. <i>International Journal of Microbiology</i> , <b>2020</b> , 2020, 3972415	3.6	5
105	Rheumatoid Arthritis Synovial Fluid Neutrophils Drive Inflammation Through Production of Chemokines, Reactive Oxygen Species, and Neutrophil Extracellular Traps. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 584116	8.4	24
104	Human neutrophils activated via TLR8 promote Th17 polarization through IL-23. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 105, 1155-1165	6.5	17
103	High macrophage activities are associated with advanced periductal fibrosis in chronic <i>Opisthorchis viverrini</i> infection. <i>Parasite Immunology</i> , <b>2019</b> , 41, e12603	2.2	4
102	The CDK inhibitor purvalanol A induces neutrophil apoptosis and increases the turnover rate of Mcl-1: potential role of p38-MAPK in regulation of Mcl-1 turnover. <i>Clinical and Experimental Immunology</i> , <b>2018</b> , 192, 171-180	6.2	6
101	Anti-neutrophil cytoplasmic antibodies and their clinical significance. <i>Clinical Rheumatology</i> , <b>2018</b> , 37, 875-884	3.9	20
100	<i>Opisthorchiasis</i> -Induced Cholangiocarcinoma: How Innate Immunity May Cause Cancer. <i>Advances in Parasitology</i> , <b>2018</b> , 101, 149-176	3.2	10
99	A robust intracellular metabolite extraction protocol for human neutrophil metabolic profiling. <i>PLoS ONE</i> , <b>2018</b> , 13, e0209270	3.7	7

98	Oral Ulcers in Juvenile-Onset Systemic Lupus Erythematosus: A Review of the Literature. <i>American Journal of Clinical Dermatology</i> , <b>2017</b> , 18, 755-762	7.1	9
97	Neutrophil biomarkers predict response to therapy with tumor necrosis factor inhibitors in rheumatoid arthritis. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 101, 785-795	6.5	23
96	Low-density granulocytes: functionally distinct, immature neutrophils in rheumatoid arthritis with altered properties and defective TNF signalling. <i>Journal of Leukocyte Biology</i> , <b>2017</b> , 101, 599-611	6.5	68
95	Wolbachia endosymbionts induce neutrophil extracellular trap formation in human onchocerciasis. <i>Scientific Reports</i> , <b>2016</b> , 6, 35559	4.9	23
94	Human neutrophils in auto-immunity. <i>Seminars in Immunology</i> , <b>2016</b> , 28, 159-73	10.7	107
93	Differential changes in gene expression in human neutrophils following TNF- $\beta$ stimulation: Up-regulation of anti-apoptotic proteins and down-regulation of proteins involved in death receptor signaling. <i>Immunity, Inflammation and Disease</i> , <b>2016</b> , 4, 35-44	2.4	13
92	Interferon gene expression signature in rheumatoid arthritis neutrophils correlates with a good response to TNFi therapy. <i>Rheumatology</i> , <b>2015</b> , 54, 188-93	3.9	73
91	Mucocutaneous manifestations in juvenile-onset systemic lupus erythematosus: a review of literature. <i>Pediatric Rheumatology</i> , <b>2015</b> , 13, 1	3.5	42
90	Synovial fluid IL-6 concentrations associated with positive response to tocilizumab in an RA patient with failed response to anti-TNF and rituximab. <i>Rheumatology</i> , <b>2015</b> , 54, 743-4	3.9	4
89	The protective effect of GM-CSF on serum-induced neutrophil apoptosis in juvenile systemic lupus erythematosus patients. <i>Clinical Rheumatology</i> , <b>2015</b> , 34, 85-91	3.9	18
88	Heparin derivatives for the targeting of multiple activities in the inflammatory response. <i>Carbohydrate Polymers</i> , <b>2015</b> , 117, 400-407	10.3	18
87	Killing of Escherichia coli by Crohn's Disease Monocyte-derived Macrophages and Its Enhancement by Hydroxychloroquine and Vitamin D. <i>Inflammatory Bowel Diseases</i> , <b>2015</b> , 21, 1499-510	4.5	15
86	Cutaneous immunopathology of long-standing complex regional pain syndrome. <i>European Journal of Pain</i> , <b>2015</b> , 19, 1516-26	3.7	14
85	Whose Gene Is It Anyway? The Effect of Preparation Purity on Neutrophil Transcriptome Studies. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138982	3.7	28
84	Effects of IL-6 and IL-6 blockade on neutrophil function in vitro and in vivo. <i>Rheumatology</i> , <b>2014</b> , 53, 1321-31	3.3	110
83	Mucocutaneous manifestations in a UK national cohort of juvenile-onset systemic lupus erythematosus patients. <i>Rheumatology</i> , <b>2014</b> , 53, 1504-12	3.9	22
82	The multifactorial role of neutrophils in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , <b>2014</b> , 10, 593-601	8.1	311
81	A lack of confirmation with alternative assays questions the validity of IL-17A expression in human neutrophils using immunohistochemistry. <i>Immunology Letters</i> , <b>2014</b> , 162, 194-8	4.1	18

80	Human filarial Wolbachia lipopeptide directly activates human neutrophils in vitro. <i>Parasite Immunology</i> , <b>2014</b> , 36, 494-502	2.2	11
79	DcR3 mutations in patients with juvenile-onset systemic lupus erythematosus lead to enhanced lymphocyte proliferation. <i>Journal of Rheumatology</i> , <b>2013</b> , 40, 1316-26	4.1	5
78	Inhibition of pre-B cell colony-enhancing factor (PBEF/NAMPT/visfatin) decreases the ability of human neutrophils to generate reactive oxidants but does not impair bacterial killing. <i>Journal of Leukocyte Biology</i> , <b>2013</b> , 94, 481-92	6.5	13
77	RNA-seq reveals activation of both common and cytokine-specific pathways following neutrophil priming. <i>PLoS ONE</i> , <b>2013</b> , 8, e58598	3.7	72
76	Mavrilimumab, a human monoclonal GM-CSF receptor-antibody for the management of rheumatoid arthritis: a novel approach to therapy. <i>Expert Opinion on Biological Therapy</i> , <b>2012</b> , 12, 1661-8	5.4	15
75	Serine 162, an essential residue for the mitochondrial localization, stability and anti-apoptotic function of Mcl-1. <i>PLoS ONE</i> , <b>2012</b> , 7, e45088	3.7	10
74	Analysis of SF and plasma cytokines provides insights into the mechanisms of inflammatory arthritis and may predict response to therapy. <i>Rheumatology</i> , <b>2012</b> , 51, 451-9	3.9	76
73	Changes in expression of membrane TNF, NF- $\kappa$ B activation and neutrophil apoptosis during active and resolved inflammation. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 537-43	2.4	60
72	Neutrophil function in inflammation and inflammatory diseases. <i>Rheumatology</i> , <b>2010</b> , 49, 1618-31	3.9	515
71	Mcl-1; the molecular regulation of protein function. <i>FEBS Letters</i> , <b>2010</b> , 584, 2981-9	3.8	393
70	The role of neutrophil apoptosis in juvenile-onset systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , <b>2009</b> , 60, 2390-401		61
69	The dual effects of TNF $\alpha$ on neutrophil apoptosis are mediated via differential effects on expression of Mcl-1 and Bfl-1. <i>Blood</i> , <b>2008</b> , 111, 878-84	2.2	72
68	Microbial mannan inhibits bacterial killing by macrophages: a possible pathogenic mechanism for Crohn's disease. <i>Gastroenterology</i> , <b>2007</b> , 133, 1487-98	13.3	56
67	Haemophilus influenzae induces neutrophil necrosis: a role in chronic obstructive pulmonary disease?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2007</b> , 37, 135-43	5.7	37
66	Sodium salicylate promotes neutrophil apoptosis by stimulating caspase-dependent turnover of Mcl-1. <i>Journal of Immunology</i> , <b>2006</b> , 176, 957-65	5.3	51
65	Neutrophil apoptosis in rheumatoid arthritis is regulated by local oxygen tensions within joints. <i>Journal of Leukocyte Biology</i> , <b>2006</b> , 80, 521-8	6.5	58
64	Neutrophil gene expression in rheumatoid arthritis. <i>Pathophysiology</i> , <b>2005</b> , 12, 191-202	1.8	23
63	Granulocyte macrophage colony-stimulating factor signaling and proteasome inhibition delay neutrophil apoptosis by increasing the stability of Mcl-1. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 26915-21	5.4	187

62	Secretion of oncostatin M by neutrophils in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 1430-6		56
61	Oscillations in NF-kappaB signaling control the dynamics of gene expression. <i>Science</i> , <b>2004</b> , 306, 704-8	33.3	953
60	Regulation of neutrophil apoptosis by Mcl-1. <i>Biochemical Society Transactions</i> , <b>2004</b> , 32, 489-92	5.1	83
59	Regulation of neutrophil apoptosis. <i>Chemical Immunology and Allergy</i> , <b>2003</b> , 83, 204-24		31
58	Synovial fluid neutrophils transcribe and express class II major histocompatibility complex molecules in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2003</b> , 48, 2796-806		76
57	The mitochondrial network of human neutrophils: role in chemotaxis, phagocytosis, respiratory burst activation, and commitment to apoptosis. <i>Journal of Immunology</i> , <b>2003</b> , 170, 1964-72	5.3	245
56	Differential role of neutrophil Fcgamma receptor IIIB (CD16) in phagocytosis, bacterial killing, and responses to immune complexes. <i>Arthritis and Rheumatism</i> , <b>2002</b> , 46, 1351-61		69
55	Insoluble and soluble immune complexes activate neutrophils by distinct activation mechanisms: changes in functional responses induced by priming with cytokines. <i>Annals of the Rheumatic Diseases</i> , <b>2002</b> , 61, 13-9	2.4	56
54	Bile acids inhibit Mcl-1 protein turnover via an epidermal growth factor receptor/Raf-1-dependent mechanism. <i>Cancer Research</i> , <b>2002</b> , 62, 6500-5	10.1	61
53	Fcgamma receptors in autoimmune diseases. <i>European Journal of Clinical Investigation</i> , <b>2001</b> , 31, 821-31	4.6	38
52	Molecular control of neutrophil apoptosis. <i>FEBS Letters</i> , <b>2001</b> , 487, 318-22	3.8	361
51	BCL-2 family expression in human neutrophils during delayed and accelerated apoptosis. <i>Journal of Leukocyte Biology</i> , <b>2001</b> , 70, 783-92	6.5	131
50	Functional analysis of the human MCL-1 gene. <i>Cellular and Molecular Life Sciences</i> , <b>2000</b> , 57, 684-91	10.3	86
49	Apoptosis is rapidly triggered by antisense depletion of MCL-1 in differentiating U937 cells. <i>Blood</i> , <b>2000</b> , 96, 1756-1763	2.2	123
48	In vivo localisation and stability of human Mcl-1 using green fluorescent protein (GFP) fusion proteins. <i>FEBS Letters</i> , <b>2000</b> , 478, 72-6	3.8	72
47	Apoptosis is rapidly triggered by antisense depletion of MCL-1 in differentiating U937 cells. <i>Blood</i> , <b>2000</b> , 96, 1756-63	2.2	38
46	Regulation of neutrophil FcgammaRIIIb (CD16) surface expression following delayed apoptosis in response to GM-CSF and sodium butyrate. <i>Journal of Leukocyte Biology</i> , <b>1999</b> , 65, 875-82	6.5	34
45	In vitro effects of GM-CSF on mature peripheral blood neutrophils. <i>International Journal of Molecular Medicine</i> , <b>1998</b> , 1, 943-51	4.4	32

44	Mcl-1 Expression in Human Neutrophils: Regulation by Cytokines and Correlation With Cell Survival. <i>Blood</i> , <b>1998</b> , 92, 2495-2502	2.2	309
43	Mcl-1 expression in human neutrophils: regulation by cytokines and correlation with cell survival. <i>Blood</i> , <b>1998</b> , 92, 2495-502	2.2	98
42	Activation of human neutrophils by soluble immune complexes: role of Fc gamma RII and Fc gamma RIIIb in stimulation of the respiratory burst and elevation of intracellular Ca <sup>2+</sup> . <i>Annals of the New York Academy of Sciences</i> , <b>1997</b> , 832, 341-57	6.5	15
41	Seeing the wood for the trees: the forgotten role of neutrophils in rheumatoid arthritis. <i>Trends in Immunology</i> , <b>1997</b> , 18, 320-4		278
40	Neutrophils from the synovial fluid of patients with rheumatoid arthritis express the high affinity immunoglobulin G receptor, Fc gamma RI (CD64): role of immune complexes and cytokines in induction of receptor expression. <i>Immunology</i> , <b>1997</b> , 91, 266-73	7.8	62
39	The O-2 Generating NADPH Oxidase of Phagocytes: Structure and Methods of Detection. <i>Methods</i> , <b>1996</b> , 9, 563-77	4.6	47
38	Expression of Fc gamma RIII in neutrophils in rheumatoid arthritis. <i>Biochemical Society Transactions</i> , <b>1996</b> , 24, 489S	5.1	6
37	Preservation of the activity of NADPH oxidase in human monocyte/macrophages. <i>Biochemical Society Transactions</i> , <b>1996</b> , 24, 490S	5.1	3
36	Regulation of neutrophil apoptosis by diadenosine pentaphosphate and GM-CSF. <i>Biochemical Society Transactions</i> , <b>1996</b> , 24, 491S	5.1	2
35	Modulation of neutrophil apoptosis by pharmacological agents. <i>Biochemical Society Transactions</i> , <b>1996</b> , 24, 492S	5.1	2
34	Gene expression by inflammatory neutrophils: stimulation of interleukin-1 beta production by rheumatoid synovial fluid. <i>Biochemical Society Transactions</i> , <b>1996</b> , 24, 493S	5.1	3
33	Regulation of neutrophil apoptosis by sodium butyrate. <i>Biologicals</i> , <b>1996</b> , 24, 301-6	1.8	9
32	Stimulation of primed neutrophils by soluble immune complexes. <i>Biologicals</i> , <b>1996</b> , 24, 307-11	1.8	4
31	Neutrophil apoptosis is delayed by the diadenosine polyphosphates, Ap5A and Ap6A: synergism with granulocyte-macrophage colony-stimulating factor. <i>British Journal of Haematology</i> , <b>1996</b> , 95, 637-94.5		17
30	Cell signalling by integrins and immunoglobulin receptors in primed neutrophils. <i>Trends in Biochemical Sciences</i> , <b>1995</b> , 20, 362-7	10.3	58
29	Role of Fc gamma receptors in the activation of neutrophils by soluble and insoluble immunoglobulin aggregates isolated from the synovial fluid of patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>1994</b> , 53, 515-20	2.4	24
28	Phospholipase D-dependent and -independent activation of the neutrophil NADPH oxidase. <i>Bioscience Reports</i> , <b>1994</b> , 14, 91-102	4.1	15
27	Biochemistry and Physiology of the Neutrophil <b>1994</b> ,		90

26	Receptor expression in synovial fluid neutrophils from patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>1993</b> , 52, 354-9	2.4	34
25	Effect of cytotoxic drugs on mature neutrophil function in the presence and absence of granulocyte-macrophage colony-stimulating factor. <i>British Journal of Haematology</i> , <b>1993</b> , 84, 316-21	4.5	17
24	Activation of neutrophil reactive-oxidant production by synovial fluid from patients with inflammatory joint disease. Soluble and insoluble immunoglobulin aggregates activate different pathways in primed and unprimed cells. <i>Biochemical Journal</i> , <b>1992</b> , 286 ( Pt 2), 345-51	3.8	61
23	Sequential phospholipase activation in the stimulation of the neutrophil NADPH oxidase. <i>FEMS Microbiology Letters</i> , <b>1992</b> , 5, 239-48	2.9	6
22	Neutrophil function in whole blood and after purification: changes in receptor expression, oxidase activity and responsiveness to cytokines. <i>Bioscience Reports</i> , <b>1992</b> , 12, 123-33	4.1	76
21	Chemiluminescence of human bloodstream monocytes and neutrophils: an unusual oxidant(s) generated by monocytes during the respiratory burst. <i>Luminescence</i> , <b>1992</b> , 7, 229-38		20
20	Neutrophils isolated from the synovial fluid of patients with rheumatoid arthritis: priming and activation in vivo. <i>Annals of the Rheumatic Diseases</i> , <b>1991</b> , 50, 147-53	2.4	71
19	Receptor expression and oxidase activity in human neutrophils: regulation by granulocyte-macrophage colony-stimulating factor and dependence upon protein biosynthesis. <i>Bioscience Reports</i> , <b>1990</b> , 10, 393-401	4.1	31
18	Inhibition of neutrophil superoxide secretion by the preservative, methylhydroxybenzoate: effects mediated by perturbation of intracellular Ca <sup>2+</sup> ?. <i>Free Radical Research Communications</i> , <b>1990</b> , 10, 333-43		7
17	Granulocyte-macrophage colony-stimulating factor (GM-CSF) primes the respiratory burst and stimulates protein biosynthesis in human neutrophils. <i>FEBS Letters</i> , <b>1989</b> , 256, 62-6	3.8	25
16	Interactions between bacterial surfaces and phagocyte plasma membranes. <i>Biochemical Society Transactions</i> , <b>1989</b> , 17, 460-2	5.1	2
15	Effect of azacytidine upon protein synthesis in human neutrophils. <i>Biochemical Society Transactions</i> , <b>1989</b> , 17, 757-758	5.1	
14	Gene expression in human neutrophils. <i>Biochemical Society Transactions</i> , <b>1989</b> , 17, 755-756	5.1	
13	The relationship between superoxide generation, cytochrome b and oxygen in activated neutrophils. <i>FEBS Letters</i> , <b>1988</b> , 227, 39-42	3.8	8
12	Gamma interferon enhances the killing of <i>Staphylococcus aureus</i> by human neutrophils. <i>Microbiology (United Kingdom)</i> , <b>1988</b> , 134, 37-42	2.9	16
11	Immunological detection of myeloperoxidase in synovial fluid from patients with rheumatoid arthritis. <i>Biochemical Journal</i> , <b>1988</b> , 250, 81-5	3.8	84
10	Impaired neutrophil killing in a patient with defective degranulation of myeloperoxidase. <i>Journal of Clinical &amp; Laboratory Immunology</i> , <b>1988</b> , 25, 201-6		4
9	Myeloperoxidase secretion during phagocytosis: a case of a patient with impaired bactericidal activity. <i>Journal of Clinical &amp; Laboratory Immunology</i> , <b>1988</b> , 27, 97-102		

8	Impaired microbial killing in two patients with defective degranulation of myeloperoxidase. <i>Acta Paediatrica Hungarica</i> , <b>1988</b> , 29, 101-4		
7	Oxygen-dependent killing of <i>Staphylococcus aureus</i> by human neutrophils. <i>Microbiology (United Kingdom)</i> , <b>1987</b> , 133, 3591-7	2.9	15
6	Oxidative inactivation of myeloperoxidase released from human neutrophils. <i>Biochemical Journal</i> , <b>1987</b> , 245, 925-8	3.8	60
5	Protein synthesis is activated in primed neutrophils: a possible role in inflammation. <i>Bioscience Reports</i> , <b>1987</b> , 7, 881-90	4.1	24
4	CO-reacting haemoproteins of neutrophils: evidence for cytochrome b-245 and myeloperoxidase as potential oxidases during the respiratory burst. <i>Bioscience Reports</i> , <b>1987</b> , 7, 193-9	4.1	6
3	Formation of myeloperoxidase compound II during aerobic stimulation of rat neutrophils. <i>Bioscience Reports</i> , <b>1986</b> , 6, 275-82	4.1	9
2	Temperature-compensated ultradian rhythms in lower eukaryotes: Periodic turnover coupled to a timer for cell division. <i>Journal of Interdisciplinary Cycle Research</i> , <b>1986</b> , 17, 321-326		10
1	Oxygen-radical production during inflammation may be limited by oxygen concentration. <i>Biochemical Journal</i> , <b>1984</b> , 217, 851-4	3.8	61