Steven Edwards

List of Publications by Year
in descending order

117 papers	8,660 citations	53794 45 h-index	45317 90 g-index
121 all docs	121 docs citations	121 times ranked	10656 citing authors

#	Article	IF	Citations
1	Anti-Inflammatory Effects and Decreased Formation of Neutrophil Extracellular Traps by Enoxaparin in COVID-19 Patients. International Journal of Molecular Sciences, 2022, 23, 4805.	4.1	10
2	The Inhibitory Effect of Human Beta-defensin-3 on Candida Glabrata Isolated from Patients with Candidiasis. Immunological Investigations, 2021, 50, 80-91.	2.0	6
3	Type I interferon regulates cytokine-delayed neutrophil apoptosis, reactive oxygen species production and chemokine expression. Clinical and Experimental Immunology, 2021, 203, 151-159.	2.6	19
4	Isolation of Microvesicles from Human Circulating Neutrophils. Bio-protocol, 2021, 11, e3119.	0.4	1
5	Internalization of Neutrophil-Derived Microvesicles Modulates TNFÎ±-Stimulated Proinflammatory Cytokine Production in Human Fibroblast-Like Synoviocytes. International Journal of Molecular Sciences, 2021, 22, 7409.	4.1	13
6	Relationships between blood leukocyte mitochondrial DNA copy number and inflammatory cytokines in knee osteoarthritis. Journal of Zhejiang University: Science B, 2020, 21, 42-52.	2.8	10
7	The Inhibitory Effect of Validamycin A on Aspergillus flavus. International Journal of Microbiology, 2020, 2020, 1-12.	2.3	11
8	APPA (apocynin and paeonol) modulates pathological aspects of human neutrophil function, without supressing antimicrobial ability, and inhibits TNFÎ± expression and signalling. Inflammopharmacology, 2020, 28, 1223-1235.	3.9	9
9	Defective Neutrophil Function in Patients with Sepsis Is Mostly Restored by ex vivo Ascorbate Incubation . Journal of Inflammation Research, 2020, Volume 13, 263-274.	3.5	22
10	Enhanced neutrophil functions during Opisthorchis viverrini infections and correlation with advanced periductal fibrosis. International Journal for Parasitology, 2020, 50, 145-152.	3.1	6
11	Rheumatoid Arthritis Synovial Fluid Neutrophils Drive Inflammation Through Production of Chemokines, Reactive Oxygen Species, and Neutrophil Extracellular Traps. Frontiers in Immunology, 2020, 11, 584116.	4.8	75
12	The clinical significance of fungi in atopic dermatitis. International Journal of Dermatology, 2020, 59, 926-935.	1.0	19
13	014â€ƒAPPA inhibits neutrophil pro-inflammatory functions without impairing host defence: is this a potential new therapy for arthritis?. Rheumatology, 2019, 58, .	1.9	0
14	Human neutrophils activated via TLR8 promote Th17 polarization through IL-23. Journal of Leukocyte Biology, 2019, 105, 1155-1165.	3.3	44
15	High macrophage activities are associated with advanced periductal fibrosis in chronic Opisthorchis viverrini infection. Parasite Immunology, 2019, 41, e12603.	1.5	7
16	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. Clinical and Experimental Immunology, 2018, 192, 171-180.	2.6	11
17	Anti-neutrophil cytoplasmic antibodies and their clinical significance. Clinical Rheumatology, 2018, 37, 875-884.	2.2	37
18	A robust intracellular metabolite extraction protocol for human neutrophil metabolic profiling. PLoS ONE, 2018, 13, e0209270.	2.5	13

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19	Opisthorchiasis-Induced Cholangiocarcinoma. Advances in Parasitology, 2018, 101, 149-176.	3.2	17
20	Oral Ulcers in Juvenile-Onset Systemic Lupus Erythematosus: A Review of the Literature. American Journal of Clinical Dermatology, 2017, 18, 755-762.	6.7	20
21	Neutrophil biomarkers predict response to therapy with tumor necrosis factor inhibitors in rheumatoid arthritis. Journal of Leukocyte Biology, 2017, 101, 785-795.	3.3	54
22	Low-density granulocytes: functionally distinct, immature neutrophils in rheumatoid arthritis with altered properties and defective TNF signalling. Journal of Leukocyte Biology, 2017, 101, 599-611.	3.3	121
23	Human neutrophils in auto-immunity. Seminars in Immunology, 2016, 28, 159-173.	5.6	150
24	Differential changes in gene expression in human neutrophils following TNF-Î± stimulation: Up-regulation of anti-apoptotic proteins and down-regulation of proteins involved in death receptor signaling. Immunity, Inflammation and Disease, 2016, 4, 35-44.	2.7	17
25	Wolbachia endosymbionts induce neutrophil extracellular trap formation in human onchocerciasis. Scientific Reports, 2016, 6, 35559.	3.3	40
26	Killing of Escherichia coli by CrohnÊ¼s Disease Monocyte-derived Macrophages and Its Enhancement by Hydroxychloroquine and Vitamin D. Inflammatory Bowel Diseases, 2015, 21, 1499-1510.	1.9	19
27	Cutaneous immunopathology of longâ€standing complex regional pain syndrome. European Journal of Pain, 2015, 19, 1516-1526.	2.8	16
28	Interferon gene expression signature in rheumatoid arthritis neutrophils correlates with a good response to TNFi therapy. Rheumatology, 2015, 54, 188-193.	1.9	108
29	Mucocutaneous manifestations in juvenile-onset systemic lupus erythematosus: a review of literature. Pediatric Rheumatology, 2015, 13, 1.	2.1	61
30	Synovial fluid IL-6 concentrations associated with positive response to tocilizumab in an RA patient with failed response to anti-TNF and rituximab. Rheumatology, 2015, 54, 743-744.	1.9	4
31	The protective effect of GM-CSF on serum-induced neutrophil apoptosis in juvenile systemic lupus erythematosus patients. Clinical Rheumatology, 2015, 34, 85-91.	2.2	23
32	Heparin derivatives for the targeting of multiple activities in the inflammatory response. Carbohydrate Polymers, 2015, 117, 400-407.	10.2	22
33	Whose Gene Is It Anyway? The Effect of Preparation Purity on Neutrophil Transcriptome Studies. PLoS ONE, 2015, 10, e0138982.	2.5	42
34	A lack of confirmation with alternative assays questions the validity of IL-17A expression in human neutrophils using immunohistochemistry. Immunology Letters, 2014, 162, 194-198.	2.5	21
35	Human filarial Wolbachia lipopeptide directly activates human neutrophils in vitro. Parasite Immunology, 2014, 36, 494-502.	1.5	13
36	Effects of IL-6 and IL-6 blockade on neutrophil function in vitro and in vivo. Rheumatology, 2014, 53, 1321-1331.	1.9	147

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37	Mucocutaneous manifestations in a UK national cohort of juvenile-onset systemic lupus erythematosus patients. Rheumatology, 2014, 53, 1504-1512.	1.9	30
38	The multifactorial role of neutrophils in rheumatoid arthritis. Nature Reviews Rheumatology, 2014, 10, 593-601.	8.0	414
39	DcR3 Mutations in Patients with Juvenile-onset Systemic Lupus Erythematosus Lead to Enhanced Lymphocyte Proliferation. Journal of Rheumatology, 2013, 40, 1316-1326.	2.0	5
40	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. Journal of Leukocyte Biology, 2013, 94, 481-492.	3.3	14
41	RNA-Seq Reveals Activation of Both Common and Cytokine-Specific Pathways following Neutrophil Priming. PLoS ONE, 2013, 8, e58598.	2.5	92
42	Analysis of SF and plasma cytokines provides insights into the mechanisms of inflammatory arthritis and may predict response to therapy. Rheumatology, 2012, 51, 451-459.	1.9	102
43	Mavrilimumab, a human monoclonal GM-CSF receptor-Î± antibody for the management of rheumatoid arthritis: a novel approach to therapy. Expert Opinion on Biological Therapy, 2012, 12, 1661-1668.	3.1	17
44	Serine 162, an Essential Residue for the Mitochondrial Localization, Stability and Anti-Apoptotic Function of Mcl-1. PLoS ONE, 2012, 7, e45088.	2.5	10
45	Changes in expression of membrane TNF, NF-Î²B activation and neutrophil apoptosis during active and resolved inflammation. Annals of the Rheumatic Diseases, 2011, 70, 537-543.	0.9	89
46	Neutrophil function in inflammation and inflammatory diseases. Rheumatology, 2010, 49, 1618-1631.	1.9	627
47	Mclâ€‹; the molecular regulation of protein function. FEBS Letters, 2010, 584, 2981-2989.	2.8	460
48	The role of neutrophil apoptosis in juvenileâ€onset systemic lupus erythematosus. Arthritis and Rheumatism, 2009, 60, 2390-2401.	6.7	77
49	The dual effects of TNFÎ± on neutrophil apoptosis are mediated via differential effects on expression of Mcl-1 and Bfl-1. Blood, 2008, 111, 878-884.	1.4	87
50	Haemophilus influenzaeInduces Neutrophil Necrosis. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 135-143.	2.9	42
51	Microbial Mannan Inhibits Bacterial Killing by Macrophages: A Possible Pathogenic Mechanism for Crohnâ€™s Disease. Gastroenterology, 2007, 133, 1487-1498.	1.3	75
52	Sodium Salicylate Promotes Neutrophil Apoptosis by Stimulating Caspase-Dependent Turnover of Mcl-1. Journal of Immunology, 2006, 176, 957-965.	0.8	54
53	Neutrophil apoptosis in rheumatoid arthritis is regulated by local oxygen tensions within joints. Journal of Leukocyte Biology, 2006, 80, 521-528.	3.3	85
54	Neutrophil gene expression in rheumatoid arthritis. Pathophysiology, 2005, 12, 191-202.	2.2	38

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55	Granulocyte Macrophage Colony-stimulating Factor Signaling and Proteasome Inhibition Delay Neutrophil Apoptosis by Increasing the Stability of Mcl-1. Journal of Biological Chemistry, 2004, 279, 26915-26921.	3.4	213
56	Secretion of oncostatin M by neutrophils in rheumatoid arthritis. Arthritis and Rheumatism, 2004, 50, 1430-1436.	6.7	65
57	Oscillations in NF-ÂB Signaling Control the Dynamics of Gene Expression. Science, 2004, 306, 704-708.	12.6	1,109
58	Regulation of neutrophil apoptosis by Mcl-1. Biochemical Society Transactions, 2004, 32, 489-492.	3.4	92
59	Synovial fluid neutrophils transcribe and express class II major histocompatibility complex molecules in rheumatoid arthritis. Arthritis and Rheumatism, 2003, 48, 2796-2806.	6.7	99
60	The Mitochondrial Network of Human Neutrophils: Role in Chemotaxis, Phagocytosis, Respiratory Burst Activation, and Commitment to Apoptosis. Journal of Immunology, 2003, 170, 1964-1972.	0.8	304
61	Regulation of Neutrophil Apoptosis. , 2003, 83, 204-224.		36
62	Insoluble and soluble immune complexes activate neutrophils by distinct activation mechanisms: changes in functional responses induced by priming with cytokines. Annals of the Rheumatic Diseases, 2002, 61, 13-19.	0.9	91
63	Differential role of neutrophil Fc? receptor IIIB (CD16) in phagocytosis, bacterial killing, and responses to immune complexes. Arthritis and Rheumatism, 2002, 46, 1351-1361.	6.7	97
64	Bile acids inhibit Mcl-1 protein turnover via an epidermal growth factor receptor/Raf-1-dependent mechanism. Cancer Research, 2002, 62, 6500-5.	0.9	72
65	Molecular control of neutrophil apoptosis. FEBS Letters, 2001, 487, 318-322.	2.8	417
66	FcÎ³ receptors in autoimmune diseases. European Journal of Clinical Investigation, 2001, 31, 821-831.	3.4	43
67	BCL-2 family expression in human neutrophils during delayed and accelerated apoptosis. Journal of Leukocyte Biology, 2001, 70, 783-92.	3.3	143
68	Functional analysis of the human MCL-1 gene. Cellular and Molecular Life Sciences, 2000, 57, 684-691.	5.4	96
69	Apoptosis is rapidly triggered by antisense depletion of MCL-1 in differentiating U937 cells. Blood, 2000, 96, 1756-1763.	1.4	124
70	In vivo localisation and stability of human Mclâ€1 using green fluorescent protein (GFP) fusion proteins. FEBS Letters, 2000, 478, 72-76.	2.8	79
71	Apoptosis is rapidly triggered by antisense depletion of MCL-1 in differentiating U937 cells. Blood, 2000, 96, 1756-63.	1.4	50
72	Regulation of neutrophil FcÎ³RIIIb (CD16) surface expression following delayed apoptosis in response to GM-CSF and sodium butyrate. Journal of Leukocyte Biology, 1999, 65, 875-882.	3.3	42

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73	In vitro effects of GM-CSF on mature peripheral blood neutrophils.. International Journal of Molecular Medicine, 1998, 1, 943-51.	4.0	43
74	Mcl-1 Expression in Human Neutrophils: Regulation by Cytokines and Correlation With Cell Survival. Blood, 1998, 92, 2495-2502.	1.4	334
75	Mcl-1 expression in human neutrophils: regulation by cytokines and correlation with cell survival. Blood, 1998, 92, 2495-502.	1.4	119
76	Activation of Human Neutrophils by Soluble Immune Complexes: Role of Fc?RII and Fc?RIIIb in Stimulation of the Respiratory Burst and Elevation of Intracellular Ca2+. Annals of the New York Academy of Sciences, 1997, 832, 341-357.	3.8	19
77	Seeing the wood for the trees: the forgotten role of neutrophils in rheumatoid arthritis. Trends in Immunology, 1997, 18, 320-324.	7.5	334
78	Neutrophils from the synovial fluid of patients with rheumatoid arthritis express the high affinity immunoglobulin G receptor, Fc Î³ RI (CD64): role of immune complexes and cytokines in induction of receptor expression. Immunology, 1997, 91, 266-273.	4.4	70
79	The Oâ˜2Generating NADPH Oxidase of Phagocytes: Structure and Methods of Detection. Methods, 1996, 9, 563-577.	3.8	54
80	Expression of FcÎ³RIII in neutrophils in rheumatoid arthritis. Biochemical Society Transactions, 1996, 24, 489S-489S.	3.4	6
81	Preservation of the activity of NADPH oxidase in human monocyte/macrophages. Biochemical Society Transactions, 1996, 24, 490S-490S.	3.4	3
82	Regulation of neutrophil apoptosis by diadenosine pentaphosphate and GM-CSF. Biochemical Society Transactions, 1996, 24, 491S-491S.	3.4	2
83	Modulation of neutrophil apoptosis by pharmacological agents. Biochemical Society Transactions, 1996, 24, 492S-492S.	3.4	4
84	Gene expression by inflammatory neutrophils: stimulation of interleukin-1Î² production by rheumatoid synovial fluid. Biochemical Society Transactions, 1996, 24, 493S-493S.	3.4	3
85	Regulation of Neutrophil Apoptosis by Sodium Butyrate. Biologicals, 1996, 24, 301-306.	1.4	12
86	Stimulation of Primed Neutrophils by Soluble Immune Complexes. Biologicals, 1996, 24, 307-311.	1.4	4
87	Neutrophil apoptosis is delayed by the diadenosine polyphosphates, Ap 5 A and Ap 6 A: synergism with granulocyteâ€macrophage colonyâ€stimulating factor. British Journal of Haematology, 1996, 95, 637-639.	2.5	18
88	Cell signalling by integrins and immunoglobulin receptors in primed neutrophils. Trends in Biochemical Sciences, 1995, 20, 362-367.	7.5	66
89	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.. Annals of the Rheumatic Diseases, 1994, 53, 515-520.	0.9	27
90	Phospholipase D-dependent and-independent activation of the neutrophil NADPH oxidase. Bioscience Reports, 1994, 14, 91-102.	2.4	15

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91	Stimulation of reactive oxidant production in neutrophils by soluble and insoluble immune complexes occurs via different receptors/signal transduction systems. FEMS Immunology and Medical Microbiology, 1994, 8, 249-257.	2.7	1
92	Effect of cytotoxic drugs on mature neutrophil function in the presence and absence of granulocyte-macrophage colony-stimulating factor. British Journal of Haematology, 1993, 84, 316-321.	2.5	17
93	Receptor expression in synovial fluid neutrophils from patients with rheumatoid arthritis.. Annals of the Rheumatic Diseases, 1993, 52, 354-359.	0.9	42
94	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. Biochemical Journal, 1992, 286, 345-351.	3.7	69
95	Sequential phospholipase activation in the stimulation of the neutrophil NADPH oxidase. FEMS Microbiology Letters, 1992, 105, 239-248.	1.8	7
96	Neutrophil function in whole blood and after purification: Changes in receptor expression, oxidase activity and responsiveness to cytokines. Bioscience Reports, 1992, 12, 123-133.	2.4	82
97	Chemiluminescence of human bloodstream monocytes and neutrophils: An unusual oxidant(s) generated by monocytes during the respiratory burst. Luminescence, 1992, 7, 229-238.	0.0	21
98	Neutrophils isolated from the synovial fluid of patients with rheumatoid arthritis: priming and activation in vivo.. Annals of the Rheumatic Diseases, 1991, 50, 147-153.	0.9	83
99	Receptor expression and oxidase activity in human neutrophils: Regulation by granulocyte-macrophage colony-stimulating factor and dependence upon protein biosynthesis. Bioscience Reports, 1990, 10, 393-401.	2.4	33
100	Inhibition of Neutrophil Superoxide Secretion By of Preservative, Methylhydroxybenzoate: Effects Mediated By Perturbation of Intracellular Ca²⁺?. Free Radical Research Communications, 1990, 10, 333-343.	1.8	9
101	Granulocyte-macrophage colony-stimulating factor (GM-CSF) primes the respiratory burst and stimulates protein biosynthesis in human neutrophils. FEBS Letters, 1989, 256, 62-66.	2.8	27
102	Interactions between bacterial surfaces and phagocyte plasma membranes. Biochemical Society Transactions, 1989, 17, 460-462.	3.4	2
103	Effect of azacytidine upon protein synthesis in human neutrophils. Biochemical Society Transactions, 1989, 17, 757-758.	3.4	0
104	Gene expression in human neutrophils. Biochemical Society Transactions, 1989, 17, 755-756.	3.4	0
105	The relationship between superoxide generation, cytochromeband oxygen in activated neutrophils. FEBS Letters, 1988, 227, 39-42.	2.8	8
106	Gamma Interferon Enhances the Killing of Staphylococcus aureus by Human Neutrophils. Microbiology (United Kingdom), 1988, 134, 37-42.	1.8	28
107	Immunological detection of myeloperoxidase in synovial fluid from patients with rheumatoid arthritis. Biochemical Journal, 1988, 250, 81-85.	3.7	94
108	Impaired neutrophil killing in a patient with defective degranulation of myeloperoxidase. Journal of Clinical & Laboratory Immunology, 1988, 25, 201-6.	0.1	4

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109	Myeloperoxidase secretion during phagocytosis: a case of a patient with impaired bactericidal activity. Journal of Clinical & Laboratory Immunology, 1988, 27, 97-102.	0.1	0
110	Impaired microbial killing in two patients with defective degranulation of myeloperoxidase. Acta Paediatrica Hungarica, 1988, 29, 101-4.	0.0	0
111	Oxygen-dependent Killing of Staphylococcus aureus by Human Neutrophils. Microbiology (United) Tj ETQq1 1 0.784314 rgBT /Overlo	1.8	21
112	Oxidative inactivation of myeloperoxidase released from human neutrophils. Biochemical Journal, 1987, 245, 925-928.	3.7	66
113	Protein synthesis is activated in primed neutrophils: a possible role in inflammation. Bioscience Reports, 1987, 7, 881-890.	2.4	25
114	CO-reacting haemoproteins of neutrophils: Evidence for cytochrome b-245 and myeloperoxidase as potential oxidases during the respiratory burst. Bioscience Reports, 1987, 7, 193-199.	2.4	6
115	Formation of myeloperoxidase compound II during aerobic stimulation of rat neutrophils. Bioscience Reports, 1986, 6, 275-282.	2.4	9
116	Temperatureâ€compensated ultradian rhythms in lower eukaryotes: Periodic turnover coupled to a timer for cell division. Journal of Interdisciplinary Cycle Research, 1986, 17, 321-326.	0.2	10
117	Oxygen-radical production during inflammation may be limited by oxygen concentration. Biochemical Journal, 1984, 217, 851-854.	3.7	66