

The neutrophil in vascular inflammation

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Neutrophil Extracellular Trap Formation Is Associated with IL-1 β and Autophagy-Related Signaling in Gout. PLoS ONE, 2011, 6, e29318.	2.5	333
2	Lessons from rare maladies. Current Opinion in Hematology, 2012, 20, 1.	2.5	89
3	Neutrophil Cerebrovascular Transmigration Triggers Rapid Neurotoxicity through Release of Proteases Associated with Decondensed DNA. Journal of Immunology, 2012, 189, 381-392.	0.8	174
4	Autophagy in immunity. Autophagy, 2012, 8, 1286-1299.	9.1	116
5	Viscoelastic Properties of Differentiating Blood Cells Are Fate- and Function-Dependent. PLoS ONE, 2012, 7, e45237.	2.5	162
6	CXCR2: From Bench to Bedside. Frontiers in Immunology, 2012, 3, 263.	4.8	148
7	Novel in vivo imaging techniques for the liver microvasculature. Intravital, 2012, 1, 107-114.	2.0	11
8	Targeting Matrix Metalloproteinases in Acute Inflammatory Shock Syndromes. Combinatorial Chemistry and High Throughput Screening, 2012, 15, 555-570.	1.1	18
9	Toll-like receptor 9 activation in neutrophils impairs chemotaxis and reduces sepsis outcome*. Critical Care Medicine, 2012, 40, 2631-2637.	0.9	30
10	C-C motif chemokine CCL3 and canonical neutrophil attractants promote neutrophil extravasation through common and distinct mechanisms. Blood, 2012, 120, 880-890.	1.4	52
11	Ly6G ligation blocks recruitment of neutrophils via a β 2-integrin α -dependent mechanism. Blood, 2012, 120, 1489-1498.	1.4	109
12	Regulation of PTEN activity by p38 β -PKD1 signaling in neutrophils confers inflammatory responses in the lung. Journal of Experimental Medicine, 2012, 209, 2229-2246.	8.5	80
13	Myeloperoxidase Catalyzes the Conjugation of Serotonin to Thiols via Free Radicals and Tryptamine-4,5-dione. Chemical Research in Toxicology, 2012, 25, 2322-2332.	3.3	14
14	Physically based principles of cell adhesion mechanosensitivity in tissues. Reports on Progress in Physics, 2012, 75, 116601.	20.1	123
15	Chemokines and mitochondrial products activate neutrophils to amplify organ injury during mouse acute liver failure. Hepatology, 2012, 56, 1971-1982.	7.3	279
16	Neutrophil extracellular traps in sterile inflammation: the story after dying?. Autoimmunity, 2012, 45, 593-596.	2.6	23
17	Functional Metabolomics Reveals Novel Active Products in the DHA Metabolome. Frontiers in Immunology, 2012, 3, 81.	4.8	42
18	Early sensing of Yersinia pestis airway infection by bone marrow cells. Frontiers in Cellular and Infection Microbiology, 2012, 2, 143.	3.9	14

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19	The pulmonary endothelial glycocalyx regulates neutrophil adhesion and lung injury during experimental sepsis. <i>Nature Medicine</i> , 2012, 18, 1217-1223.	30.7	631
20	Peeking into the secret life of neutrophils. <i>Immunologic Research</i> , 2012, 53, 168-181.	2.9	22
21	Neutrophil rolling at high shear: Flattening, catch bond behavior, tethers and slings. <i>Molecular Immunology</i> , 2013, 55, 59-69.	2.2	65
22	Isoflurane inhibits neutrophil recruitment in the cutaneous Arthus reaction model. <i>Journal of Anesthesia</i> , 2013, 27, 261-268.	1.7	35
23	Protein kinase G oxidation is a major cause of injury during sepsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9909-9913.	7.1	47
24	An Extracellular Matrix-Based Mechanism of Rapid Neutrophil Extracellular Trap Formation in Response to <i>Candida albicans</i> . <i>Journal of Immunology</i> , 2013, 190, 4136-4148.	0.8	281
25	Intraluminal crawling versus interstitial neutrophil migration during inflammation. <i>Molecular Immunology</i> , 2013, 55, 70-75.	2.2	29
26	Directed cell migration in multi-cue environments. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 1306-1323.	1.3	76
27	Neutrophils Versus <i>Staphylococcus aureus</i> : A Biological Tug of War. <i>Annual Review of Microbiology</i> , 2013, 67, 629-650.	7.3	259
28	Platelets as Cellular Effectors of Inflammation in Vascular Diseases. <i>Circulation Research</i> , 2013, 112, 1506-1519.	4.5	260
29	Capillary and arteriolar pericytes attract innate leukocytes exiting through venules and 'instruct' them with pattern-recognition and motility programs. <i>Nature Immunology</i> , 2013, 14, 41-51.	14.5	371
30	The "Vampirome" Transcriptome and proteome analysis of the principal and accessory submaxillary glands of the vampire bat <i>Desmodus rotundus</i> , a vector of human rabies. <i>Journal of Proteomics</i> , 2013, 82, 288-319.	2.4	40
31	Imaging inflammatory leukocyte recruitment in kidney, lung and liver—challenges to the multi-step paradigm. <i>Immunology and Cell Biology</i> , 2013, 91, 281-289.	2.3	36
32	<i>L</i> -selectin shedding by NSAIDs: Old friends in new dresses. <i>European Journal of Immunology</i> , 2013, 43, 50-54.	2.9	3
33	Salivary Antigen-5/CAP Family Members Are Cu ²⁺ -dependent Antioxidant Enzymes That Scavenge O ₂ ^{•−} and Inhibit Collagen-induced Platelet Aggregation and Neutrophil Oxidative Burst. <i>Journal of Biological Chemistry</i> , 2013, 288, 14341-14361.	3.4	76
34	L2. Neutrophil transmigration in vivo: Mechanisms, dynamics and contribution to dissemination of systemic inflammation. <i>Presse Medicale</i> , 2013, 42, 498-499.	1.9	0
35	L3. Are mononuclear cells predominant actors of endothelial damage in vasculitis?. <i>Presse Medicale</i> , 2013, 42, 499-503.	1.9	3
36	Neutrophil recruitment and function in health and inflammation. <i>Nature Reviews Immunology</i> , 2013, 13, 159-175.	22.7	3,964

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37	Molecular mechanisms of fMLP-induced superoxide generation and degranulation in mouse neutrophils. <i>Advances in Biological Regulation</i> , 2013, 53, 128-134.	2.3	10
38	Neutrophil-Derived Cathelicidin Promotes Adhesion of Classical Monocytes. <i>Circulation Research</i> , 2013, 112, 792-801.	4.5	132
39	Molecular Mechanisms of <i>N</i> -Formyl-Methionyl-Leucyl-Phenylalanine-Induced Superoxide Generation and Degranulation in Mouse Neutrophils: Phospholipase D Is Dispensable. <i>Molecular and Cellular Biology</i> , 2013, 33, 136-145.	2.3	53
40	Neutrophils recruited by CXCR1/2 signalling mediate postincisional pain. <i>European Journal of Pain</i> , 2013, 17, 654-663.	2.8	78
41	Neutrophil extracellular chromatin traps connect innate immune response to autoimmunity. <i>Seminars in Immunopathology</i> , 2013, 35, 465-480.	6.1	67
42	Endotoxin Removal by Magnetic Separation-Based Blood Purification. <i>Advanced Healthcare Materials</i> , 2013, 2, 829-835.	7.6	46
43	Quantitative dynamic footprinting microscopy. <i>Immunology and Cell Biology</i> , 2013, 91, 311-320.	2.3	4
44	Heterogeneity in Neutrophil Microparticles Reveals Distinct Proteome and Functional Properties. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 2205-2219.	3.8	178
45	Pharmacological Inhibition of p38 Mitogen-Activated Protein Kinases Affects KC/CXCL1-Induced Intraluminal Crawling, Transendothelial Migration, and Chemotaxis of Neutrophils <i>In Vivo</i> . <i>Mediators of Inflammation</i> , 2013, 2013, 1-10.	3.0	16
46	SHIP2 regulates epithelial cell polarity through its lipid product, which binds to Dlg1, a pathway subverted by hepatitis C virus core protein. <i>Molecular Biology of the Cell</i> , 2013, 24, 2171-2185.	2.1	44
47	HMGB1 promotes neutrophil extracellular trap formation through interactions with Toll-like receptor 4. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L342-L349.	2.9	269
48	Platelet function beyond hemostasis and thrombosis. <i>Current Opinion in Hematology</i> , 2013, 20, 451-456.	2.5	54
49	Editorial: Hematopoietic cell function--a matter of age. <i>Journal of Leukocyte Biology</i> , 2013, 93, 171-173.	3.3	0
50	NETosis and NADPH oxidase: at the intersection of host defense, inflammation, and injury. <i>Frontiers in Immunology</i> , 2013, 4, 45.	4.8	96
51	Helminths and their implication in sepsis - a new branch of their immunomodulatory behaviour?. <i>Pathogens and Disease</i> , 2013, 69, 127-141.	2.0	45
52	No Association between FC γ R3B Copy Number Variation and Susceptibility to Biopsy-Proven Giant Cell Arteritis. <i>Arthritis</i> , 2013, 2013, 1-4.	2.0	1
53	Role and interactions of annexin A1 and oestrogens in the manifestation of sexual dimorphisms in cerebral and systemic inflammation. <i>British Journal of Pharmacology</i> , 2013, 169, 539-553.	5.4	15
54	Commensal bacteria-dependent select expression of CXCL2 contributes to periodontal tissue homeostasis. <i>Cellular Microbiology</i> , 2013, 15, 1419-1426.	2.1	90

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55	Volatile Organic Compounds in Human Breath: Biogenic Origin and Point-of-Care Analysis Approaches. , 2013, , 129-154.		6
56	Shedding light on cutaneous innate immune responses: the intravital microscopy approach. Immunology and Cell Biology, 2013, 91, 263-270.	2.3	18
57	Elevated CXCL1 expression in gp130-deficient endothelial cells impairs neutrophil migration in mice. Blood, 2013, 122, 3832-3842.	1.4	31
58	A vasculo-protective circuit centered on lipoxin A4 and aspirin-triggered 15-epi-lipoxin A4 operative in murine microcirculation. Blood, 2013, 122, 608-617.	1.4	80
59	Intravital Imaging of Neutrophil Recruitment in Hepatic Ischemia-Reperfusion Injury in Mice. Transplantation, 2013, 95, 551-558.	1.0	50
60	Standardization of sample collection, isolation and analysis methods in extracellular vesicle research. Journal of Extracellular Vesicles, 2013, 2, .	12.2	1,837
61	Inflammatory Cell Infiltrates in Acute and Chronic Thoracic Aortic Dissection. Aorta, 2013, 1, 259-267.	0.5	35
62	Activation of AMPK Enhances Neutrophil Chemotaxis and Bacterial Killing. Molecular Medicine, 2013, 19, 387-398.	4.4	87
63	White Blood Cell Count Measured Prior to Cancer Development Is Associated with Future Risk of Venous Thromboembolism – The TromsÅ Study. PLoS ONE, 2013, 8, e73447.	2.5	46
64	An Improved Strategy to Recover Large Fragments of Functional Human Neutrophil Extracellular Traps. Frontiers in Immunology, 2013, 4, 166.	4.8	90
65	The function of TLR2 during staphylococcal diseases. Frontiers in Cellular and Infection Microbiology, 2013, 2, 167.	3.9	76
66	Expression and Function of the Homeostatic Molecule Del-1 in Endothelial Cells and the Periodontal Tissue. Clinical and Developmental Immunology, 2013, 2013, 1-12.	3.3	32
67	Neutrophil extracellular traps sequester circulating tumor cells and promote metastasis. Journal of Clinical Investigation, 2013, 123, 3446-3458.	8.2	997
68	MELATONIN PROTECTS THE INTEGRITY OF GASTRIC STRUCTURE FROM A STERILE TISSUE INJURY AND AUGMENTS BOTH MONONUCLEAR AND POLYMORPHONUCLEAR PERIPHERAL BLOOD CELLS INDUCED BY THE INJURY IN WISTAR ALBINO RATS. American Journal of Pharmacology and Toxicology, 2014, 9, 125-131.	0.7	0
69	DOCK2 and DOCK5 Act Additively in Neutrophils To Regulate Chemotaxis, Superoxide Production, and Extracellular Trap Formation. Journal of Immunology, 2014, 193, 5660-5667.	0.8	60
70	Tissue Plasminogen Activator Promotes Postischemic Neutrophil Recruitment via Its Proteolytic and Nonproteolytic Properties. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1495-1504.	2.4	44
71	The Spectrum of Anti-Chromatin/Nucleosome Autoantibodies: Independent and Interdependent Biomarkers of Disease. Journal of Immunology Research, 2014, 2014, 1-15.	2.2	28
72	Plasmodium falciparum Infection Induces Expression of a Mosquito Salivary Protein (Agaphelin) That Targets Neutrophil Function and Inhibits Thrombosis without Impairing Hemostasis. PLoS Pathogens, 2014, 10, e1004338.	4.7	31

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73	Pivotal Role of Pervasive Neoplastic and Stromal Cells Reprogramming in Circulating Tumor Cells Dissemination and Metastatic Colonization. <i>Cancer Microenvironment</i> , 2014, 7, 95-115.	3.1	32
74	Inhibition of Neutrophil-Dependent Cytotoxicity for Human Endothelial Cells by ACE Inhibitors. <i>Scandinavian Journal of Immunology</i> , 2014, 80, 339-345.	2.7	3
75	Microparticle alpha α 2 α macroglobulin enhances pro α resolving responses and promotes survival in sepsis. <i>EMBO Molecular Medicine</i> , 2014, 6, 27-42.	6.9	87
76	Neutrophils scan for activated platelets to initiate inflammation. <i>Science</i> , 2014, 346, 1234-1238.	12.6	516
77	Intravascular immunity as a key to systemic vasculitis: a work in progress, gaining momentum. <i>Clinical and Experimental Immunology</i> , 2014, 175, 150-166.	2.6	29
78	Proinflammatory role of neutrophil extracellular traps in abdominal sepsis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L586-L596.	2.9	100
79	Eicosapentaenoic acid is converted <i>via</i> Δ 5 epoxygenation to the anti-inflammatory metabolite 12 α -hydroxy Δ 7,18 α -epoxyeicosatetraenoic acid. <i>FASEB Journal</i> , 2014, 28, 586-593.	0.5	40
80	Thrombomodulin Improved Liver Injury, Coagulopathy, and Mortality in an Experimental Heatstroke Model in Mice. <i>Anesthesia and Analgesia</i> , 2014, 118, 956-963.	2.2	21
81	Nuclear Factor of Activated T Cells (NFAT). , 2014, , 824-833.		0
82	Role of Microglial M1/M2 Polarization in Relapse and Remission of Psychiatric Disorders and Diseases. <i>Pharmaceuticals</i> , 2014, 7, 1028-1048.	3.8	152
83	CCR5 and FPR1 Mediate Neutrophil Recruitment in Endotoxin-Induced Lung Injury. <i>Journal of Innate Immunity</i> , 2014, 6, 111-116.	3.8	49
84	Prevention of vascular inflammation by nanoparticle targeting of adherent neutrophils. <i>Nature Nanotechnology</i> , 2014, 9, 204-210.	31.5	232
85	Regulation of immune responses by neutrophils. <i>Annals of the New York Academy of Sciences</i> , 2014, 1319, 66-81.	3.8	73
86	In vivo imaging reveals PKA regulation of ERK activity during neutrophil recruitment to inflamed intestines. <i>Journal of Experimental Medicine</i> , 2014, 211, 1123-1136.	8.5	88
87	Imaging Plasmodium immunobiology in the liver, brain, and lung. <i>Parasitology International</i> , 2014, 63, 171-186.	1.3	31
88	Retrotaxis of human neutrophils during mechanical confinement inside microfluidic channels. <i>Integrative Biology (United Kingdom)</i> , 2014, 6, 175-183.	1.3	62
89	Neutrophils release extracellular DNA traps in response to exercise. <i>Journal of Applied Physiology</i> , 2014, 117, 325-333.	2.5	70
90	Metastasis review: from bench to bedside. <i>Tumor Biology</i> , 2014, 35, 8483-8523.	1.8	126

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91	Lidocaine Reduces Neutrophil Recruitment by Abolishing Chemokine-Induced Arrest and Transendothelial Migration in Septic Patients. <i>Journal of Immunology</i> , 2014, 192, 367-376.	0.8	40
92	Neutrophils Exhibit Differential Requirements for Homing Molecules in Their Lymphatic and Blood Trafficking into Draining Lymph Nodes. <i>Journal of Immunology</i> , 2014, 193, 1966-1974.	0.8	97
93	Activated platelets present high mobility group box 1 to neutrophils, inducing autophagy and promoting the extrusion of neutrophil extracellular traps. <i>Journal of Thrombosis and Haemostasis</i> , 2014, 12, 2074-2088.	3.8	426
94	Genetic Expression Profile of Human Liver Grafts in Ischemia-Reperfusion Injury: Comparison of Familial Amyloidotic Polyneuropathy and Deceased-Donor Liver Grafts. <i>Transplantation Proceedings</i> , 2014, 46, 1678-1684.	0.6	2
95	The spatiotemporal cellular dynamics of lung immunity. <i>Trends in Immunology</i> , 2014, 35, 379-386.	6.8	22
96	The neutrophil serine protease PR3 induces shape change of platelets via the Rho/Rho kinase and Ca ²⁺ signaling pathways. <i>Thrombosis Research</i> , 2014, 134, 418-425.	1.7	6
97	Neutrophil extracellular traps in cancer progression. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 4179-4194.	5.4	191
98	Defining a pro-inflammatory neutrophil phenotype in response to schistosome eggs. <i>Cellular Microbiology</i> , 2014, 16, 1666-1677.	2.1	44
99	The small GTPase Rap1b negatively regulates neutrophil chemotaxis and transcellular diapedesis by inhibiting Akt activation. <i>Journal of Experimental Medicine</i> , 2014, 211, 1741-1758.	8.5	55
100	Retinoic acid induces apoptosis in activated canine neutrophils. <i>Veterinary Immunology and Immunopathology</i> , 2014, 157, 175-181.	1.2	1
101	Ischemia/Reperfusion Injury and its Consequences on Immunity and Inflammation. <i>Current Transplantation Reports</i> , 2014, 1, 147-154.	2.0	81
102	Toll-like receptors: Role in inflammation and therapeutic potential. <i>BioFactors</i> , 2014, 40, 284-294.	5.4	42
103	Tumor necrosis factor α (TNF- α) receptor-I is required for TNF- α -mediated fulminant virus hepatitis caused by murine hepatitis virus strain-3 infection. <i>Immunology Letters</i> , 2014, 158, 25-32.	2.5	13
104	Novel Inflammatory Pathways in Periodontitis. <i>Advances in Dental Research</i> , 2014, 26, 23-29.	3.6	66
105	The Inflammatory Response during Enterohemorrhagic <i>Escherichia coli</i> Infection. <i>Microbiology Spectrum</i> , 2014, 2, EHEC-0012-2013.	3.0	33
106	Microfluidic Platform for Measuring Neutrophil Chemotaxis from Unprocessed Whole Blood. <i>Journal of Visualized Experiments</i> , 2014, , .	0.3	18
107	Platelets release mitochondria serving as substrate for bactericidal group IIA-secreted phospholipase A2 to promote inflammation. <i>Blood</i> , 2014, 124, 2173-2183.	1.4	513
108	PI3K in CLL: are 2 isoforms better than 1?. <i>Blood</i> , 2014, 124, 3508-3510.	1.4	0

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109	Î±3Î²1 is INTEGRAL to septic neutrophils. Blood, 2014, 124, 3507-3508.	1.4	3
110	The role of circulating platelet transcripts. Journal of Thrombosis and Haemostasis, 2015, 13, S33-S39.	3.8	17
111	NOX2 is critical for heterotypic neutrophil-platelet interactions during vascular inflammation. Blood, 2015, 126, 1952-1964.	1.4	69
112	Hydroxyurea with AKT2 inhibition decreases vaso-occlusive events in sickle cell disease mice. Blood, 2015, 126, 2511-2517.	1.4	18
113	Identification and characterization of VEGF-Aâ€“responsive neutrophils expressing CD49d, VEGFR1, and CXCR4 in mice and humans. Blood, 2015, 126, 2016-2026.	1.4	183
114	Long Term Intravital Multiphoton Microscopy Imaging of Immune Cells in Healthy and Diseased Liver Using CXCR6.Gfp Reporter Mice. Journal of Visualized Experiments, 2015, , .	0.3	26
115	Granulocytic immune infiltrates are essential for the efficient formation of breast cancer liver metastases. Breast Cancer Research, 2015, 17, 45.	5.0	103
116	Ascorbic acid modulates cell migration in differentiated HLâ€“60 cells and peripheral blood leukocytes. Molecular Nutrition and Food Research, 2015, 59, 1513-1523.	3.3	17
117	The Effect of Visfatin on Inflammatory Reaction in Uterus of LPS-Induced Rats. International Journal of Morphology, 2015, 33, 194-203.	0.2	9
118	Immunostimulatory effects of the standardized extract of Tinospora crispa on innate immune responses in Wistar Kyoto rats. Drug Design, Development and Therapy, 2015, 9, 2961.	4.3	26
119	Intravital Imaging Ã¢â€œ Dynamic Insights into Natural Killer T Cell Biology. Frontiers in Immunology, 2015, 6, 240.	4.8	22
120	Do neutrophil extracellular traps contribute to the heightened risk of thrombosis in inflammatory diseases?. World Journal of Cardiology, 2015, 7, 829.	1.5	57
121	Intravascular leukocyte migration through platelet thrombi: directing leukocytes to sites of vascular injury. Thrombosis and Haemostasis, 2015, 113, 1224-1235.	3.4	50
122	Net effect of extracellular histones on septic disseminated intravascular coagulation. Journal of the Japanese Society of Intensive Care Medicine, 2015, 22, 499-504.	0.0	0
123	Platelets in leucocyte recruitment and function. Cardiovascular Research, 2015, 107, 386-395.	3.8	80
124	Whole blood human neutrophil trafficking in a microfluidic model of infection and inflammation. Lab on A Chip, 2015, 15, 2625-2633.	6.0	54
125	Impact of fish oils on the outcomes of a mouse model of acute <i>Pseudomonas aeruginosa</i> pulmonary infection. British Journal of Nutrition, 2015, 113, 191-199.	2.3	18
126	The impact of cationic solid lipid nanoparticles on human neutrophil activation and formation of neutrophil extracellular traps (NETs). Chemico-Biological Interactions, 2015, 235, 106-114.	4.0	56

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127	Platelets and Infections – Complex Interactions with Bacteria. <i>Frontiers in Immunology</i> , 2015, 6, 82.	4.8	188
128	Molecular control of PtdIns(3,4,5)P3 signaling in neutrophils. <i>EMBO Reports</i> , 2015, 16, 149-163.	4.5	24
129	TACTIC: Trans-Agency Consortium for Trauma-Induced Coagulopathy. <i>Journal of Thrombosis and Haemostasis</i> , 2015, 13, S63-S71.	3.8	12
130	Editorial: NFAT signaling: no FAT as new weapon to fight shock. <i>Journal of Leukocyte Biology</i> , 2015, 97, 997-999.	3.3	1
131	Neutrophil extracellular traps in sheep mastitis. <i>Veterinary Research</i> , 2015, 46, 59.	3.0	53
132	Neutrophil homeostasis and inflammation: novel paradigms from studying periodontitis. <i>Journal of Leukocyte Biology</i> , 2015, 98, 539-548.	3.3	96
133	Diminished nitric oxide generation from neutrophils suppresses platelet activation in chronic renal failure. <i>Molecular and Cellular Biochemistry</i> , 2015, 401, 147-153.	3.1	4
134	Platelet-neutrophil interactions under thromboinflammatory conditions. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 2627-2643.	5.4	78
135	Platelets Are Not Just for Clots. <i>Transfusion Medicine Reviews</i> , 2015, 29, 110-119.	2.0	82
136	PI3K signalling in inflammation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 882-897.	2.4	380
137	Neutrophils promote Alzheimer's disease-like pathology and cognitive decline via LFA-1 integrin. <i>Nature Medicine</i> , 2015, 21, 880-886.	30.7	589
138	Leukotriene B4-Neutrophil Elastase Axis Drives Neutrophil Reverse Transendothelial Cell Migration In Vivo. <i>Immunity</i> , 2015, 42, 1075-1086.	14.3	202
139	Mechanotransduction in neutrophil activation and deactivation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 3105-3116.	4.1	44
140	Cross-Talk between Shp1 and PIPKÎ³ Controls Leukocyte Recruitment. <i>Journal of Immunology</i> , 2015, 195, 1152-1161.	0.8	20
141	Interactions between CD44 and Hyaluronan in Leukocyte Trafficking. <i>Frontiers in Immunology</i> , 2015, 6, 68.	4.8	95
142	Blocking neutrophil integrin activation prevents ischemia-reperfusion injury. <i>Journal of Experimental Medicine</i> , 2015, 212, 1267-1281.	8.5	78
143	Neutrophil Extracellular Traps Accumulate in Peripheral Blood Vessels and Compromise Organ Function in Tumor-Bearing Animals. <i>Cancer Research</i> , 2015, 75, 2653-2662.	0.9	180
144	Circumventing <i>Y. pestis</i> Virulence by Early Recruitment of Neutrophils to the Lungs during Pneumonic Plague. <i>PLoS Pathogens</i> , 2015, 11, e1004893.	4.7	42

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145	Regulation of leucocyte homeostasis in the circulation. Cardiovascular Research, 2015, 107, 340-351.	3.8	79
146	Isolation of extracellular vesicles: Determining the correct approach (Review). International Journal of Molecular Medicine, 2015, 36, 11-17.	4.0	210
147	Microbe-dependent lymphatic migration of neutrophils modulates lymphocyte proliferation in lymph nodes. Nature Communications, 2015, 6, 7139.	12.8	190
148	Molecular mechanisms of NET formation and degradation revealed by intravital imaging in the liver vasculature. Nature Communications, 2015, 6, 6673.	12.8	453
149	<i>Porphyrromonas gingivalis</i> virulence factors involved in subversion of leukocytes and microbial dysbiosis. Virulence, 2015, 6, 236-243.	4.4	106
150	Dietary Polyunsaturated Fatty Acids Increase Survival and Decrease Bacterial Load during Septic Staphylococcus aureus Infection and Improve Neutrophil Function in Mice. Infection and Immunity, 2015, 83, 514-521.	2.2	30
151	Vascular Endothelial Growth Factor-A-Induced Vascular Permeability and Leukocyte Extravasation. , 2015, , 187-207.		0
152	Vascular permeability—the essentials. Upsala Journal of Medical Sciences, 2015, 120, 135-143.	0.9	233
153	Leukocyte transcellular diapedesis: Rap1b is in control. Tissue Barriers, 2015, 3, e1052185.	3.2	5
154	Endocarditis Pathogen Promotes Vegetation Formation by Inducing Intravascular Neutrophil Extracellular Traps Through Activated Platelets. Circulation, 2015, 131, 571-581.	1.6	69
155	Neutrophil Extracellular Traps: A Walk on the Wild Side of Exercise Immunology. Sports Medicine, 2015, 45, 625-640.	6.5	34
156	Effect of everolimus on the immunomodulation of the human neutrophil inflammatory response and activation. Cellular and Molecular Immunology, 2015, 12, 40-52.	10.5	46
157	A novel device to concurrently assess leukocyte extravasation and interstitial migration within a defined 3D environment. Lab on A Chip, 2015, 15, 195-207.	6.0	19
158	Anti-inflammatory activity of betalain-rich dye of Beta vulgaris: effect on edema, leukocyte recruitment, superoxide anion and cytokine production. Archives of Pharmacal Research, 2015, 38, 494-504.	6.3	73
159	Hydroxyethyl starch 130/0.4 decreases inflammation, neutrophil recruitment, and neutrophil extracellular trap formation. British Journal of Anaesthesia, 2015, 114, 509-519.	3.4	26
160	Neutrophils and Inflammation: Unraveling a New Connection. Biology and Medicine (Aligarh), 2016, 8, .	0.3	3
161	Imaging Nanotherapeutics in Inflamed Vasculature by Intravital Microscopy. Theranostics, 2016, 6, 2431-2438.	10.0	22
162	Neutrophil-Derived Proteases in the Microenvironment of Pancreatic Cancer -Active Players in Tumor Progression. International Journal of Biological Sciences, 2016, 12, 302-313.	6.4	83

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163	Mechanism of Diapedesis. <i>Advances in Immunology</i> , 2016, 129, 25-53.	2.2	66
164	Role of Myeloperoxidase in Patients with Chronic Kidney Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	4.0	68
165	Interleukin-8 in gastrointestinal inflammation and malignancy: induction and clinical consequences. <i>International Journal of Interferon, Cytokine and Mediator Research</i> , 2016, , 13.	1.1	18
166	Anticancer and anti-inflammatory activities of girinimbine isolated from <i>Murraya koenigii</i> . <i>Drug Design, Development and Therapy</i> , 2017, Volume11, 103-121.	4.3	39
167	Imaging of Leukocyte Trafficking in Alzheimer's Disease. <i>Frontiers in Immunology</i> , 2016, 7, 33.	4.8	36
168	New Insights into Neutrophil Extracellular Traps: Mechanisms of Formation and Role in Inflammation. <i>Frontiers in Immunology</i> , 2016, 7, 302.	4.8	257
169	Intercellular Interactions as Regulators of NETosis. <i>Frontiers in Immunology</i> , 2016, 7, 453.	4.8	47
170	Tomato Aqueous Extract Modulates the Inflammatory Profile of Immune Cells and Endothelial Cells. <i>Molecules</i> , 2016, 21, 168.	3.8	17
171	Evasion of Neutrophil Killing by <i>Staphylococcus aureus</i> . <i>Pathogens</i> , 2016, 5, 32.	2.8	57
172	Pet serine protease from enteroaggregative <i>Escherichia coli</i> stimulates the inflammatory response activating human macrophages. <i>BMC Microbiology</i> , 2016, 16, 158.	3.3	16
173	Neutrophil extracellular traps – the dark side of neutrophils. <i>Journal of Clinical Investigation</i> , 2016, 126, 1612-1620.	8.2	368
174	Involvement of Neuroinflammation during Brain Development in Social Cognitive Deficits in Autism Spectrum Disorder and Schizophrenia. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 504-515.	2.5	58
175	Polymorphonuclear neutrophils in periodontitis and their possible modulation as a therapeutic approach. <i>Periodontology 2000</i> , 2016, 71, 140-163.	13.4	44
176	Prolonged exposure to volatile anesthetic isoflurane worsens the outcome of polymicrobial abdominal sepsis. <i>Toxicological Sciences</i> , 2017, 156, kfw261.	3.1	35
177	Leukocyte arrest: Biomechanics and molecular mechanisms of β_2 integrin activation. <i>Biorheology</i> , 2016, 52, 353-377.	0.4	40
178	The lymph node neutrophil. <i>Seminars in Immunology</i> , 2016, 28, 129-136.	5.6	66
179	Reverse Migration of Neutrophils: Where, When, How, and Why?. <i>Trends in Immunology</i> , 2016, 37, 273-286.	6.8	146
180	CCL2-CCR2 signaling promotes hepatic ischemia/reperfusion injury. <i>Journal of Surgical Research</i> , 2016, 202, 352-362.	1.6	29

#	ARTICLE	IF	CITATIONS
181	A novel microfluidic assay reveals a key role for protein kinase C β in regulating human neutrophil-endothelium interaction. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1027-1035.	3.3	32
182	Big insights from small volumes: deciphering complex leukocyte behaviors using microfluidics. <i>Journal of Leukocyte Biology</i> , 2016, 100, 291-304.	3.3	22
183	Mitochondria drive NETosis and inflammation in SLE. <i>Nature Reviews Rheumatology</i> , 2016, 12, 195-196.	8.0	18
184	Dietary Omega-3 Fatty Acids Increase Survival and Decrease Bacterial Load in Mice Subjected to <i>Staphylococcus aureus</i> -Induced Sepsis. <i>Infection and Immunity</i> , 2016, 84, 1205-1213.	2.2	34
185	A Reservoir of Mature Cavity Macrophages that Can Rapidly Invade Visceral Organs to Affect Tissue Repair. <i>Cell</i> , 2016, 165, 668-678.	28.9	432
186	Aging: A Temporal Dimension for Neutrophils. <i>Trends in Immunology</i> , 2016, 37, 334-345.	6.8	150
187	Berberine in combination with yohimbine attenuates sepsis-induced neutrophil tissue infiltration and multiorgan dysfunction partly via IL-10-mediated inhibition of CCR2 expression in neutrophils. <i>International Immunopharmacology</i> , 2016, 35, 217-225.	3.8	21
188	Erythrocyte deformability – A partner of the inflammatory response. <i>Microvascular Research</i> , 2016, 107, 34-38.	2.5	48
189	Fibroblast growth factor 23 actions in inflammation: a key factor in CKD outcomes. <i>Nephrology Dialysis Transplantation</i> , 2016, 32, gfw331.	0.7	22
190	PMA and crystal-induced neutrophil extracellular trap formation involves RIPK1-RIPK3-MLKL signaling. <i>European Journal of Immunology</i> , 2016, 46, 223-229.	2.9	200
191	Neutrophil Extracellular Traps Promote Angiogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2078-2087.	2.4	158
192	Plasticity of Cell Migration In Vivo and In Silico. <i>Annual Review of Cell and Developmental Biology</i> , 2016, 32, 491-526.	9.4	201
193	Pathobiology of neutrophil-epithelial interactions. <i>Immunological Reviews</i> , 2016, 273, 94-111.	6.0	70
194	Directed transport of neutrophil-derived extracellular vesicles enables platelet-mediated innate immune response. <i>Nature Communications</i> , 2016, 7, 13464.	12.8	143
195	Role of platelets in neutrophil extracellular trap (NET) production and tissue injury. <i>Seminars in Immunology</i> , 2016, 28, 546-554.	5.6	71
196	Platelet activation and platelet-leukocyte interaction in generalized aggressive periodontitis. <i>Journal of Leukocyte Biology</i> , 2016, 100, 1155-1166.	3.3	20
197	Flavonoid-enriched fraction from <i>Echinodorus macrophyllus</i> aqueous extract exhibits high in-vitro and in-vivo anti-inflammatory activity. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1584-1596.	2.4	9
198	Neutrophils recruited to the myocardium after acute experimental myocardial infarct generate hypochlorous acid that oxidizes cardiac myoglobin. <i>Archives of Biochemistry and Biophysics</i> , 2016, 612, 103-114.	3.0	16

#	ARTICLE	IF	CITATIONS
199	Specific probiotic dietary supplementation leads to different effects during remission and relapse in murine chronic colitis. <i>Beneficial Microbes</i> , 2016, 7, 205-213.	2.4	20
200	Lipocalin-2 mediates non-alcoholic steatohepatitis by promoting neutrophil-macrophage crosstalk via the induction of CXCR2. <i>Journal of Hepatology</i> , 2016, 65, 988-997.	3.7	134
201	Histidine-Rich Glycoprotein Prevents Septic Lethality through Regulation of Immunothrombosis and Inflammation. <i>EBioMedicine</i> , 2016, 9, 180-194.	6.1	60
202	Platelets: No longer bystanders in liver disease. <i>Hepatology</i> , 2016, 64, 1774-1784.	7.3	99
203	Green tea polyphenol extract in vivo attenuates inflammatory features of neutrophils from obese rats. <i>European Journal of Nutrition</i> , 2016, 55, 1261-1274.	3.9	22
204	Catalpol downregulates vascular endothelial-cadherin expression and induces vascular hyperpermeability. <i>Molecular Medicine Reports</i> , 2016, 13, 373-378.	2.4	11
205	The Neutrophil Btk Signalosome Regulates Integrin Activation during Sterile Inflammation. <i>Immunity</i> , 2016, 44, 73-87.	14.3	80
206	Role of bacteria in leukocyte adhesion deficiency-associated periodontitis. <i>Microbial Pathogenesis</i> , 2016, 94, 21-26.	2.9	32
207	Subclinical-Dose Endotoxin Sustains Low-Grade Inflammation and Exacerbates Steatohepatitis in High-Fat Diet Fed Mice. <i>Journal of Immunology</i> , 2016, 196, 2300-2308.	0.8	44
208	Immune and regulatory functions of neutrophils in inflammatory bone loss. <i>Seminars in Immunology</i> , 2016, 28, 146-158.	5.6	105
209	A perspective on NETosis in diabetes and cardiometabolic disorders. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2016, 26, 1-8.	2.6	45
210	Targeting vascular and leukocyte communication in angiogenesis, inflammation and fibrosis. <i>Nature Reviews Drug Discovery</i> , 2016, 15, 125-142.	46.4	115
211	Intravital Imaging of Neutrophil Recruitment Reveals the Efficacy of FPR1 Blockade in Hepatic Ischemia-Reperfusion Injury. <i>Journal of Immunology</i> , 2017, 198, 1718-1728.	0.8	44
212	Tofacitinib ameliorates inflammation in a rat model of airway neutrophilia induced by inhaled LPS. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017, 43, 60-67.	2.6	18
213	Neutrophils in Homeostasis, Immunity, and Cancer. <i>Immunity</i> , 2017, 46, 15-28.	14.3	320
214	Neurodegenerative changes and neuroapoptosis induced by systemic lipopolysaccharide administration are reversed by dexmedetomidine treatment in mice. <i>Neurological Research</i> , 2017, 39, 357-366.	1.3	64
215	Immune modulation of some autoimmune diseases: the critical role of macrophages and neutrophils in the innate and adaptive immunity. <i>Journal of Translational Medicine</i> , 2017, 15, 36.	4.4	253
216	Concomitant effect of low dose of lindane and intranasal lipopolysaccharide on respiratory system of mice. <i>Human and Experimental Toxicology</i> , 2017, 36, 1201-1211.	2.2	15

#	ARTICLE	IF	CITATIONS
217	Actin dynamics in the regulation of endothelial barrier functions and neutrophil recruitment during endotoxemia and sepsis. Cellular and Molecular Life Sciences, 2017, 74, 1985-1997.	5.4	67
218	Skap2 is required for $\beta 2$ integrin-mediated neutrophil recruitment and functions. Journal of Experimental Medicine, 2017, 214, 851-874.	8.5	49
219	The nitroxyl donor Angeli's salt ameliorates Staphylococcus aureus-induced septic arthritis in mice. Free Radical Biology and Medicine, 2017, 108, 487-499.	2.9	20
220	Chronic Granulomatous Disease and Aspergillosis. , 2017, , 105-120.		0
221	Neutrophil stunning by metoprolol reduces infarct size. Nature Communications, 2017, 8, 14780.	12.8	148
222	Semaphorin 4D inhibits neutrophil activation and is involved in the pathogenesis of neutrophil-mediated autoimmune vasculitis. Annals of the Rheumatic Diseases, 2017, 76, 1440-1448.	0.9	57
223	High yield, scalable and remotely drug-loaded neutrophil-derived extracellular vesicles (EVs) for anti-inflammation therapy. Biomaterials, 2017, 135, 62-73.	11.4	147
224	Predictive role of neutrophil-to-lymphocyte ratio and platelet-to-lymphocyte ratio in normal-tension glaucoma. Medical Hypotheses, 2017, 103, 54-56.	1.5	8
225	The role of platelets in inflammatory immune responses in generalized aggressive periodontitis. Journal of Clinical Periodontology, 2017, 44, 150-157.	4.9	22
226	CCR6 (CC Chemokine Receptor 6) Is Essential for the Migration of Detrimental Natural Interleukin-17-Producing $\gamma \delta$ T Cells in Stroke. Stroke, 2017, 48, 1957-1965.	2.0	54
227	Resveratrol distinctively modulates the inflammatory profiles of immune and endothelial cells. BMC Complementary and Alternative Medicine, 2017, 17, 309.	3.7	63
228	A Haptotaxis Assay for Neutrophils using Optical Patterning and a High-content Approach. Scientific Reports, 2017, 7, 2869.	3.3	19
229	Measurement of bacterial capture and phagosome maturation of Kupffer cells by intravital microscopy. Methods, 2017, 128, 12-19.	3.8	34
230	Schisandrin B inhibits LPS-induced inflammatory response in human umbilical vein endothelial cells by activating Nrf2. International Immunopharmacology, 2017, 49, 142-147.	3.8	29
231	Essential role for histone deacetylase 11 (HDAC11) in neutrophil biology. Journal of Leukocyte Biology, 2017, 102, 475-486.	3.3	44
232	Implanted biomaterials: Neutrophil-mediated vascularization. Nature Biomedical Engineering, 2017, 1, .	22.5	2
233	Immunogenetics of Fungal Diseases. , 2017, , .		2
234	A dual-docking microfluidic cell migration assay (D ² -Chip) for testing neutrophil chemotaxis and the memory effect. Integrative Biology (United Kingdom), 2017, 9, 303-312.	1.3	27

#	ARTICLE	IF	CITATIONS
235	ARQ 092, an orally-available, selective AKT inhibitor, attenuates neutrophil-platelet interactions in sickle cell disease. <i>Haematologica</i> , 2017, 102, 246-259.	3.5	31
236	Neutrophil-Particle Interactions in Blood Circulation Drive Particle Clearance and Alter Neutrophil Responses in Acute Inflammation. <i>ACS Nano</i> , 2017, 11, 10797-10807.	14.6	71
237	The role of the LTB ₄ -BLT1 axis in chemotactic gradient sensing and directed leukocyte migration. <i>Seminars in Immunology</i> , 2017, 33, 16-29.	5.6	58
238	Inflammation and the chemical carcinogen benzo[a]pyrene: Partners in crime. <i>Mutation Research - Reviews in Mutation Research</i> , 2017, 774, 12-24.	5.5	47
239	Kidney remote ischemic preconditioning as a novel strategy to explore the accurate protective mechanisms underlying remote ischemic preconditioning. <i>Interventional Medicine & Applied Science</i> , 2017, 9, 20-26.	0.2	3
240	Characterization of Circulating Low-Density Neutrophils Intrinsic Properties in Healthy and Asthmatic Horses. <i>Scientific Reports</i> , 2017, 7, 7743.	3.3	30
241	Amniotic fluid neutrophils can phagocytize bacteria: A mechanism for microbial killing in the amniotic cavity. <i>American Journal of Reproductive Immunology</i> , 2017, 78, e12723.	1.2	57
242	Tumor necrosis factor- α receptor 1 contributes to ethanol-induced vascular reactive oxygen species generation and hypertension. <i>Journal of the American Society of Hypertension</i> , 2017, 11, 684-696.e3.	2.3	24
243	Revisiting the Page & Schroeder model: the good, the bad and the unknowns in the periodontal host response 40 years later. <i>Periodontology 2000</i> , 2017, 75, 116-151.	13.4	151
244	Cell membrane-derived nanoparticles: emerging clinical opportunities for targeted drug delivery. <i>Nanomedicine</i> , 2017, 12, 2007-2019.	3.3	62
245	Deep insight into neutrophil trafficking in various organs. <i>Journal of Leukocyte Biology</i> , 2017, 102, 617-629.	3.3	42
246	The multitasking neutrophils and their involvement in angiogenesis. <i>Current Opinion in Hematology</i> , 2017, 24, 3-8.	2.5	46
247	Disrupting ceramide-CD300f interaction prevents septic peritonitis by stimulating neutrophil recruitment. <i>Scientific Reports</i> , 2017, 7, 4298.	3.3	23
248	Ser/Thr protein kinase B β -NADPH oxidase 2 signaling in thromboinflammation. <i>Current Opinion in Hematology</i> , 2017, 24, 460-466.	2.5	3
249	The hidden side of SERPINB1/Leukocyte Elastase Inhibitor. <i>Seminars in Cell and Developmental Biology</i> , 2017, 62, 178-186.	5.0	39
250	Porous microwells for geometry-selective, large-scale microparticle arrays. <i>Nature Materials</i> , 2017, 16, 139-146.	27.5	56
251	The advantageous role of annexin A1 in cardiovascular disease. <i>Cell Adhesion and Migration</i> , 2017, 11, 261-274.	2.7	38
252	Characterising Pre-pubertal Resistance to Death from Endotoxemia. <i>Scientific Reports</i> , 2017, 7, 16541.	3.3	7

#	ARTICLE	IF	CITATIONS
253	Immune Cells and the Process of Pattern Recognition. , 2017, , 41-82.		0
254	Leukocyte-mediated Delivery of Nanotherapeutics in Inflammatory and Tumor Sites. Theranostics, 2017, 7, 751-763.	10.0	111
255	The Specific Mitogen- and Stress-Activated Protein Kinase MSK1 Inhibitor SB-747651A Modulates Chemokine-Induced Neutrophil Recruitment. International Journal of Molecular Sciences, 2017, 18, 2163.	4.1	4
256	NETosis in Alzheimer's Disease. Frontiers in Immunology, 2017, 8, 211.	4.8	104
257	CXCL9-Derived Peptides Differentially Inhibit Neutrophil Migration In Vivo through Interference with Glycosaminoglycan Interactions. Frontiers in Immunology, 2017, 8, 530.	4.8	33
258	d(α ⁺) Lactic Acid-Induced Adhesion of Bovine Neutrophils onto Endothelial Cells Is Dependent on Neutrophils Extracellular Traps Formation and CD11b Expression. Frontiers in Immunology, 2017, 8, 975.	4.8	53
259	Neutrophil Extracellular Trap Production in Patients with Colorectal Cancer In Vitro. International Journal of Inflammation, 2017, 2017, 1-11.	1.5	63
260	Immunohaemostasis: a new view on haemostasis during sepsis. Annals of Intensive Care, 2017, 7, 117.	4.6	102
261	Neutrophil extracellular traps, hemostasis and thrombosis. Hematologie, 2017, 23, 108-121.	0.0	2
262	Markers of neutrophil extracellular traps are associated with adverse clinical outcome in stable coronary artery disease. European Journal of Preventive Cardiology, 2018, 25, 762-769.	1.8	34
263	Myosin 1f is specifically required for neutrophil migration in 3D environments during acute inflammation. Blood, 2018, 131, 1887-1898.	1.4	61
264	Dual specificity phosphatase DUSP 6 promotes endothelial inflammation through inducible expression of ICAM-1. FEBS Journal, 2018, 285, 1593-1610.	4.7	20
265	Immunomodulation as Rescue for Chronic Atonic Skin Wounds. Trends in Immunology, 2018, 39, 341-354.	6.8	33
266	Leukocyte Adhesion. , 2018, , 171-203.		2
267	Sublethal chronic effects of oral dietary exposure to deltamethrin in Swiss albino mice. Toxicology and Industrial Health, 2018, 34, 423-432.	1.4	10
268	Neutrophils as effectors of vascular inflammation. European Journal of Clinical Investigation, 2018, 48, e12940.	3.4	41
269	In Situ Endothelialization Promoted by SEMA4D and CXCL12 for Titanium-Based Biomaterials. Seminars in Thrombosis and Hemostasis, 2018, 44, 070-080.	2.7	9
270	Accelerated wound healing in mice by on-site production and delivery of CXCL12 by transformed lactic acid bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1895-1900.	7.1	117

#	ARTICLE	IF	CITATIONS
271	The enigmatic neutrophil: what we do not know. Cell and Tissue Research, 2018, 371, 399-406.	2.9	104
272	Neutrophil chemotaxis. Cell and Tissue Research, 2018, 371, 425-436.	2.9	160
273	Neutrophil-mediated delivery of nanotherapeutics across blood vessel barrier. Therapeutic Delivery, 2018, 9, 29-35.	2.2	15
274	Neutrophils in critical illness. Cell and Tissue Research, 2018, 371, 607-615.	2.9	21
275	Neutrophil-Based Drug Delivery Systems. Advanced Materials, 2018, 30, e1706245.	21.0	236
276	Rho-kinase inhibitor Y-27632 downregulates LPS-induced IL-6 and IL-8 production via blocking p38 MAPK and NF- κ B pathways in human gingival fibroblasts. Journal of Periodontology, 2018, 89, 883-893.	3.4	28
277	The ITIM Domain-Containing NK Receptor Ly49Q Impacts Pulmonary Infection by Mediating Neutrophil Functions. Journal of Immunology, 2018, 200, 4085-4093.	0.8	7
278	Early Endometriosis in Females Is Directed by Immune-Mediated Estrogen Receptor α and IL-6 Cross-Talk. Endocrinology, 2018, 159, 103-118.	2.8	75
279	Depletion of Mast Cells and Macrophages Impairs Heterotopic Ossification in an <i>Acvr1R206H</i> Mouse Model of Fibrodysplasia Ossificans Progressiva. Journal of Bone and Mineral Research, 2018, 33, 269-282.	2.8	118
280	Neutrophil Activation During Septic Shock. Shock, 2018, 49, 371-384.	2.1	45
281	Perioperative Inflammation and Its Modulation by Anesthetics. Anesthesia and Analgesia, 2018, 126, 1058-1067.	2.2	46
282	Influence of Combined Therapy on Generation of Neutrophil Extracellular Traps in Patients with Cervical Cancer. Open Access Macedonian Journal of Medical Sciences, 2018, 6, 2097-2100.	0.2	9
283	The endotoxin-induced pulmonary inflammatory response is enhanced during the acute phase of influenza infection. Intensive Care Medicine Experimental, 2018, 6, 15.	1.9	10
284	Measuring Cytoplasmic Stiffness of Fibroblasts as a Function of Location and Substrate Rigidity Using Atomic Force Microscopy. ACS Biomaterials Science and Engineering, 2018, 4, 3974-3982.	5.2	10
285	The Development of Serum Amyloid P as a Possible Therapeutic. Frontiers in Immunology, 2018, 9, 2328.	4.8	56
286	MR imaging tracking of inflammation-activatable engineered neutrophils for targeted therapy of surgically treated glioma. Nature Communications, 2018, 9, 4777.	12.8	173
287	Cell-free DNA release under psychosocial and physical stress conditions. Translational Psychiatry, 2018, 8, 236.	4.8	121
288	Uncovering Biologically Coherent Peripheral Signatures of Health and Risk for Alzheimer's Disease in the Aging Brain. Frontiers in Aging Neuroscience, 2018, 10, 390.	3.4	39

#	ARTICLE	IF	CITATIONS
289	Neutrophil evasion strategies by <i>Streptococcus pneumoniae</i> and <i>Staphylococcus aureus</i> . <i>Cell and Tissue Research</i> , 2018, 371, 489-503.	2.9	17
290	Organ-Specific Mechanisms of Transendothelial Neutrophil Migration in the Lung, Liver, Kidney, and Aorta. <i>Frontiers in Immunology</i> , 2018, 9, 2739.	4.8	115
291	Role of Platelets in Leukocyte Recruitment and Resolution of Inflammation. <i>Frontiers in Immunology</i> , 2018, 9, 2712.	4.8	147
292	Paradoxical Role of Matrix Metalloproteinases in Liver Injury and Regeneration after Sterile Acute Hepatic Failure. <i>Cells</i> , 2018, 7, 247.	4.1	18
293	Neutrophil Chemotaxis in Moving Gradients. <i>Advanced Biology</i> , 2018, 2, 1700243.	3.0	18
294	Neutrophils instruct homeostatic and pathological states in naive tissues. <i>Journal of Experimental Medicine</i> , 2018, 215, 2778-2795.	8.5	200
295	Postnatal deficiency of <i>ADAMTS1</i> ameliorates thoracic aortic aneurysm and dissection in mice. <i>Experimental Physiology</i> , 2018, 103, 1717-1731.	2.0	16
296	Bioresponsive Nanoparticles Targeted to Infectious Microenvironments for Sepsis Management. <i>Advanced Materials</i> , 2018, 30, e1803618.	21.0	149
297	Silver nanoparticles promote the emergence of heterogeneous human neutrophil sub-populations. <i>Scientific Reports</i> , 2018, 8, 7506.	3.3	29
298	Deficiency of FAM3D (Family With Sequence Similarity 3, Member D), A Novel Chemokine, Attenuates Neutrophil Recruitment and Ameliorates Abdominal Aortic Aneurysm Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1616-1631.	2.4	39
299	Î ² -Nitrostyrene derivatives attenuate LPS-mediated acute lung injury via the inhibition of neutrophil-platelet interactions and NET release. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L654-L669.	2.9	12
300	Continuum and stochastic approach for cell adhesion process based on Eulerian fluid-capsule coupling with Lagrangian markers. <i>Journal of Computational Physics</i> , 2018, 374, 769-786.	3.8	6
301	Myeloperoxidase Negatively Regulates Neutrophil-Endothelial Cell Interactions by Impairing Î ² Integrin Function in Sterile Inflammation. <i>Frontiers in Medicine</i> , 2018, 5, 134.	2.6	16
302	Polysialic Acid in Human Plasma Can Compensate the Cytotoxicity of Histones. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1679.	4.1	24
303	Myeloperoxidase as an Active Disease Biomarker: Recent Biochemical and Pathological Perspectives. <i>Medical Sciences (Basel, Switzerland)</i> , 2018, 6, 33.	2.9	158
304	Regulation of neutrophils in type 2 immune responses. <i>Current Opinion in Immunology</i> , 2018, 54, 115-122.	5.5	24
305	Interaction with an endothelial lumen increases neutrophil lifetime and motility in response to <i>P. aeruginosa</i> . <i>Blood</i> , 2018, 132, 1818-1828.	1.4	36
306	Recombinant chemotaxis inhibitory protein of <i>Staphylococcus aureus</i> (CHIPS) protects against LPS-induced lung injury in mice. <i>Clinical Immunology</i> , 2018, 197, 27-33.	3.2	7

#	ARTICLE	IF	CITATIONS
307	Circulating neutrophil transcriptome may reveal intracranial aneurysm signature. PLoS ONE, 2018, 13, e0191407.	2.5	28
308	Preventive effect on endothelial surface layer damage of Fusu agent in LPS-induced acute lung injury in rats. Molecular and Cellular Biochemistry, 2019, 450, 113-123.	3.1	7
309	Toll-like receptor mediated inflammation requires FASN-dependent MYD88 palmitoylation. Nature Chemical Biology, 2019, 15, 907-916.	8.0	87
310	Immunological Regulation of Vascular Inflammation During Cancer Metastasis. Frontiers in Immunology, 2019, 10, 1984.	4.8	21
311	Role of staphylococci in mastitis in sheep. Journal of Dairy Research, 2019, 86, 254-266.	1.4	37
312	<i>Trypanosoma brucei brucei</i> causes a rapid and persistent influx of neutrophils in the spleen of infected mice. Parasite Immunology, 2019, 41, e12664.	1.5	18
313	STAT6 induces expression of Gas6 in macrophages to clear apoptotic neutrophils and resolve inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16513-16518.	7.1	86
314	The Regulatory Effects of Interleukin-4 Receptor Signaling on Neutrophils in Type 2 Immune Responses. Frontiers in Immunology, 2019, 10, 2507.	4.8	52
315	Club cell protein 16 in sera from trauma patients modulates neutrophil migration and functionality via CXCR1 and CXCR2. Molecular Medicine, 2019, 25, 45.	4.4	6
316	Treatment with DNases rescues hidden neutrophil elastase from aggregated NETs. Journal of Leukocyte Biology, 2019, 106, 1359-1366.	3.3	25
317	Evaluation of anti-inflammatory activity and molecular docking study of new aza-bicyclic isoxazoline acylhydrazones derivatives. MedChemComm, 2019, 10, 1916-1925.	3.4	16
318	Does Neutrophil Phenotype Predict the Survival of Trauma Patients?. Frontiers in Immunology, 2019, 10, 2122.	4.8	33
319	Neutrophil Membrane-Derived Nanovesicles Alleviate Inflammation To Protect Mouse Brain Injury from Ischemic Stroke. ACS Nano, 2019, 13, 1272-1283.	14.6	135
320	Clinical Implications of Excessive Neutrophil Extracellular Trap Formation in Renal Autoimmune Diseases. Kidney International Reports, 2019, 4, 196-211.	0.8	27
321	Polysialic acid interacts with lactoferrin and supports its activity to inhibit the release of neutrophil extracellular traps. Carbohydrate Polymers, 2019, 208, 32-41.	10.2	23
322	The Healing Power of Neutrophils. Trends in Immunology, 2019, 40, 635-647.	6.8	193
323	Neutrophils develop rapid proinflammatory response after engulfing Hb α -activated platelets under intravascular hemolysis. Clinical and Experimental Immunology, 2019, 197, 131-140.	2.6	14
324	Efficacy of a phenol derivative, isopropyl vanillate, as an anti-inflammatory agent: A new small molecule inhibitor of COX and neutrophil migration. Drug Development Research, 2019, 80, 666-679.	2.9	1

#	ARTICLE	IF	CITATIONS
325	Emerging bloodâ€‘brain-barrier-crossing nanotechnology for brain cancer theranostics. Chemical Society Reviews, 2019, 48, 2967-3014.	38.1	389
326	Infections after a traumatic brain injury: The complex interplay between the immune and neurological systems. Brain, Behavior, and Immunity, 2019, 79, 63-74.	4.1	63
327	Cross talk between neutrophils and the microbiota. Blood, 2019, 133, 2168-2177.	1.4	87
328	Neutrophil transendothelial migration: updates and new perspectives. Blood, 2019, 133, 2149-2158.	1.4	136
329	Different Faces for Different Places: Heterogeneity of Neutrophil Phenotype and Function. Journal of Immunology Research, 2019, 2019, 1-18.	2.2	38
330	Artificial Super Neutrophils for Inflammation Targeting and HClO Generation against Tumors and Infections. Advanced Materials, 2019, 31, e1901179.	21.0	118
331	The discovery and development of topical medicines for wound healing. Expert Opinion on Drug Discovery, 2019, 14, 485-497.	5.0	65
332	Exploring the complex role of chemokines and chemoattractants in vivo on leukocyte dynamics. Immunological Reviews, 2019, 289, 9-30.	6.0	70
333	Polysialic Acid Modulates the Binding of External Lactoferrin in Neutrophil Extracellular Traps. Biology, 2019, 8, 20.	2.8	14
334	Neutrophil Extracellular Traps Enhance Staphylococcus Aureus Vegetation Formation through Interaction with Platelets in Infective Endocarditis. Thrombosis and Haemostasis, 2019, 119, 786-796.	3.4	24
335	Heterogeneity of neutrophils. Nature Reviews Immunology, 2019, 19, 255-265.	22.7	416
336	Hydroxyethyl Starch 130/0.4 Binds to Neutrophils Impairing Their Chemotaxis through a Mac-1 Dependent Interaction. International Journal of Molecular Sciences, 2019, 20, 817.	4.1	5
337	The Neutrophilâ€™s Role During Health and Disease. Physiological Reviews, 2019, 99, 1223-1248.	28.8	567
338	<i>Fusobacterium nucleatum</i> Facilitates Apoptosis, ROS Generation, and Inflammatory Cytokine Production by Activating AKT/MAPK and NF- κ B Signaling Pathways in Human Gingival Fibroblasts. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-22.	4.0	69
339	Anesthesia-induced immune modulation. Current Opinion in Anaesthesiology, 2019, 32, 799-805.	2.0	14
340	Protein Kinase C-Delta (PKC δ) Tyrosine Phosphorylation is a Critical Regulator of Neutrophil-Endothelial Cell Interaction in Inflammation. Shock, 2019, 51, 538-547.	2.1	27
341	Primary immunodeficiencies reveal the essential role of tissue neutrophils in periodontitis. Immunological Reviews, 2019, 287, 226-235.	6.0	67
343	High-Affinity Bent β 2-Integrin Molecules in Arresting Neutrophils Face Each Other through Binding to ICAMs In cis. Cell Reports, 2019, 26, 119-130.e5.	6.4	46

#	ARTICLE	IF	CITATIONS
344	Neutrophils disturb pulmonary microcirculation in sepsis-induced acute lung injury. <i>European Respiratory Journal</i> , 2019, 53, 1800786.	6.7	160
345	Terpenes as possible drugs for the mitigation of arthritic symptoms – A systematic review. <i>Phytomedicine</i> , 2019, 57, 137-147.	5.3	24
346	A Flow Cytometry-Based Assay for High-Throughput Detection and Quantification of Neutrophil Extracellular Traps in Mixed Cell Populations. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2019, 95, 268-278.	1.5	41
347	The Platelet Napoleon Complex – Small Cells, but Big Immune Regulatory Functions. <i>Annual Review of Immunology</i> , 2019, 37, 125-144.	21.8	29
348	Citrullinated Histone H3: Early Biomarker of Neutrophil Extracellular Traps in Septic Liver Damage. <i>Journal of Surgical Research</i> , 2019, 234, 132-138.	1.6	24
349	Regulation of peripheral and central immunity: Understanding the role of Src homology 2 domain-containing tyrosine phosphatases, SHP-1 & SHP-2. <i>Immunobiology</i> , 2020, 225, 151847.	1.9	22
351	Multiple exposures to poultry barn air and lipopolysaccharide synergistically increase the pulmonary expression of TLR-4 and IL-1 β . <i>Journal of Occupational Health</i> , 2020, 62, e12094.	2.1	4
352	Prognostic role of circulating neutrophil extracellular traps levels for long-term mortality in new end-stage renal disease patients. <i>Clinical Immunology</i> , 2020, 210, 108263.	3.2	21
353	Neutrophil-endothelial interactions of murine cells is not a good predictor of their interactions in human cells. <i>FASEB Journal</i> , 2020, 34, 2691-2702.	0.5	12
354	Obesity-induced nucleosome release predicts poor cardio-metabolic health. <i>Clinical Epigenetics</i> , 2020, 12, 2.	4.1	16
355	Uncommon <i>Ehrlichia canis</i> infection associated with morulae in neutrophils from naturally infected dogs in Brazil. <i>Transboundary and Emerging Diseases</i> , 2020, 67, 135-141.	3.0	6
356	The emerging role of neutrophils in neurodegeneration. <i>Immunobiology</i> , 2020, 225, 151865.	1.9	27
357	Immune Response and Tissue Damage. , 2020, , 155-203.		2
358	New developments in neutrophil biology and periodontitis. <i>Periodontology 2000</i> , 2020, 82, 78-92.	13.4	108
359	The complexity of neutrophils in health and disease: Focus on cancer. <i>Seminars in Immunology</i> , 2020, 48, 101409.	5.6	31
360	An Evaluation of the Activity of Histidine-Rich Glycoprotein on Differentiated Neutrophil-Like Cells from Human Cell Lines. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 375, 406-413.	2.5	4
361	Metoprolol exerts a non-class effect against ischaemia-reperfusion injury by abrogating exacerbated inflammation. <i>European Heart Journal</i> , 2020, 41, 4425-4440.	2.2	59
362	Reversible detection of hypochlorite using the deprotonation-protonation strategy: a search for new building blocks. <i>Materials Advances</i> , 2020, 1, 1347-1353.	5.4	4

#	ARTICLE	IF	CITATIONS
363	An Irreversible Inhibitor to Probe the Role of <i>Streptococcus pyogenes</i> Cysteine Protease SpeB in Evasion of Host Complement Defenses. ACS Chemical Biology, 2020, 15, 2060-2069.	3.4	7
364	Impact of Cholesterol Metabolism in Immune Cell Function and Atherosclerosis. Nutrients, 2020, 12, 2021.	4.1	80
365	Co-delivery of resolvin D1 and antibiotics with nanovesicles to lungs resolves inflammation and clears bacteria in mice. Communications Biology, 2020, 3, 680.	4.4	43
366	Effects of Diabetes on Microcirculation and Leukostasis in Retinal and Non-Ocular Tissues: Implications for Diabetic Retinopathy. Biomolecules, 2020, 10, 1583.	4.0	11
367	Neutrophil Extracellular Traps: Signaling Properties and Disease Relevance. Mediators of Inflammation, 2020, 2020, 1-14.	3.0	47
368	Multiplexed end-point microfluidic chemotaxis assay using centrifugal alignment. Lab on A Chip, 2020, 20, 3096-3103.	6.0	4
369	Neutrophils Enable Local and Non-Invasive Liposome Delivery to Inflamed Skeletal Muscle and Ischemic Heart. Advanced Materials, 2020, 32, e2003598.	21.0	66
370	Repurposing pyridoxamine for therapeutic intervention of intravascular cell-cell interactions in mouse models of sickle cell disease. Haematologica, 2020, 105, 2407-2419.	3.5	4
371	Current understanding of periodontal disease pathogenesis and targets for host modulation therapy. Periodontology 2000, 2020, 84, 14-34.	13.4	173
372	Distinguishing Sepsis From Infection by Neutrophil Dysfunction: A Promising Role of CXCR2 Surface Level. Frontiers in Immunology, 2020, 11, 608696.	4.8	16
373	Targeting neutrophil extracellular traps in severe acute pancreatitis treatment. Therapeutic Advances in Gastroenterology, 2020, 13, 175628482097491.	3.2	14
374	The Dual Role of Myeloperoxidase in Immune Response. International Journal of Molecular Sciences, 2020, 21, 8057.	4.1	58
375	Experimental Approaches to Evaluate Leukocyte-Endothelial Cell Interactions in Sepsis and Inflammation. Shock, 2020, 53, 585-595.	2.1	12
376	Prolonged neutrophil survival at necrotic sites is a fundamental feature for tissue recovery and resolution of hepatic inflammation. Journal of Leukocyte Biology, 2020, 108, 1199-1213.	3.3	10
377	Frontline Science: Activation of metabolic nuclear receptors restores periodontal tissue homeostasis in mice with leukocyte adhesion deficiency-1. Journal of Leukocyte Biology, 2020, 108, 1501-1514.	3.3	15
378	Leukocyte Tetraspanin CD53 Restrains β 3 Integrin Mobilization and Facilitates Cytoskeletal Remodeling and Transmigration in Mice. Journal of Immunology, 2020, 205, 521-532.	0.8	10
379	An Evidence-Based Update on the Molecular Mechanisms Underlying Periodontal Diseases. International Journal of Molecular Sciences, 2020, 21, 3829.	4.1	21
380	Neutrophils at the crossroads of innate and adaptive immunity. Journal of Leukocyte Biology, 2020, 108, 377-396.	3.3	183

#	ARTICLE	IF	CITATIONS
381	Molecular Pathogenesis and Interventional Strategies for Alzheimer's Disease: Promises and Pitfalls. ACS Pharmacology and Translational Science, 2020, 3, 472-488.	4.9	21
382	Preceding infection and risk of stroke: An old concept revived by the COVID-19 pandemic. International Journal of Stroke, 2020, 15, 722-732.	5.9	40
383	Neutrophil Chemotaxis and NETosis in Murine Chronic Liver Injury via Cannabinoid Receptor 1/Gi/o/ROS/p38 MAPK Signaling Pathway. Cells, 2020, 9, 373.	4.1	20
384	Neutrophil extracellular trap formation and nuclease activity in septic patients. BMC Anesthesiology, 2020, 20, 15.	1.8	20
385	NETosis in cancer: a critical analysis of the impact of cancer on neutrophil extracellular trap (NET) release in lung cancer patients vs. mice. Cancer Immunology, Immunotherapy, 2020, 69, 199-213.	4.2	39
386	Platelets as inflammatory mediators in a murine model of periodontitis. Journal of Clinical Periodontology, 2020, 47, 572-582.	4.9	7
387	Early recruited neutrophils promote asthmatic inflammation exacerbation by release of neutrophil elastase. Cellular Immunology, 2020, 352, 104101.	3.0	15
388	Resolution of Inflammation and Gut Repair in IBD: Translational Steps Towards Complete Mucosal Healing. Inflammatory Bowel Diseases, 2020, 26, 1131-1143.	1.9	47
389	The Role of Neutrophils in the Pathophysiology of Asthma in Humans and Horses. Inflammation, 2021, 44, 450-465.	3.8	13
390	ALiEgen-Lipid Conjugate for Rapid Labeling of Neutrophils and Monitoring of Their Behavior. Angewandte Chemie - International Edition, 2021, 60, 3175-3181.	13.8	9
391	Structural and functional diversity of neutrophil glycosylation in innate immunity and related disorders. Molecular Aspects of Medicine, 2021, 79, 100882.	6.4	26
392	ALiEgen-Lipid Conjugate for Rapid Labeling of Neutrophils and Monitoring of Their Behavior. Angewandte Chemie, 2021, 133, 3212-3218.	2.0	3
393	Microfluidic devices for neutrophil migration studies. , 2021, , 173-200.		0
394	Neutrophil-derived heparin binding protein triggers vascular leakage and synergizes with myeloperoxidase at the early stage of severe burns (With video). Burns and Trauma, 2021, 9, ttab030.	4.9	6
395	Cancer Cells Resistance Shaping by Tumor Infiltrating Myeloid Cells. Cancers, 2021, 13, 165.	3.7	21
396	Klotho-independent actions of FGF23 targets, signal transduction, and cellular effects. , 2021, , 65-77.		0
397	Immunopathological Roles of Neutrophils in Virus Infection and COVID-19. Shock, 2021, 56, 345-351.	2.1	16
398	The Role of Neutrophils and Neutrophil Extracellular Traps in Acute Pancreatitis. Frontiers in Cell and Developmental Biology, 2020, 8, 565758.	3.7	25

#	ARTICLE	IF	CITATIONS
399	Preservation solutions for attenuation of ischemiaâ€“reperfusion injury in vascularized composite allotransplantation. <i>SAGE Open Medicine</i> , 2021, 9, 205031212110349.	1.8	5
400	Bio-inspired nanoenzyme for metabolic reprogramming and anti-inflammatory treatment of hyperuricemia and gout. <i>Science China Chemistry</i> , 2021, 64, 616-628.	8.2	15
401	NETosis in Wound Healing: When Enough Is Enough. <i>Cells</i> , 2021, 10, 494.	4.1	16
402	Update on Nanoparticle-Based Drug Delivery System for Anti-inflammatory Treatment. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 630352.	4.1	42
403	MicroLet-7b Regulates Neutrophil Function and Dampens Neutrophilic Inflammation by Suppressing the Canonical TLR4/NF- κ B Pathway. <i>Frontiers in Immunology</i> , 2021, 12, 653344.	4.8	17
404	Human neutrophil membrane-derived nanovesicles as a drug delivery platform for improved therapy of infectious diseases. <i>Acta Biomaterialia</i> , 2021, 123, 354-363.	8.3	29
405	Prognostic Impact of the Advanced Lung Cancer Inflammation Index (ALI) in Metastatic Non-Small Cell Lung Cancer Treated with First Line Chemotherapy. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 1149-1156.	1.2	3
406	Characterization of the Anti-Inflammatory Capacity of IL-10-Producing Neutrophils in Response to <i>Streptococcus pneumoniae</i> Infection. <i>Frontiers in Immunology</i> , 2021, 12, 638917.	4.8	19
407	Platelets orchestrate the resolution of pulmonary inflammation in mice by T reg cell repositioning and macrophage education. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	30
408	Neutrophil oxidative stress mediates obesity-associated vascular dysfunction and metastatic transmigration. <i>Nature Cancer</i> , 2021, 2, 545-562.	13.2	63
409	Blood Cell Count Indexes of Systemic Inflammation in Carotid Artery Disease: Current Evidence and Future Perspectives. <i>Current Pharmaceutical Design</i> , 2021, 27, 2170-2179.	1.9	9
410	Chronic Inflammation and Cancer: The Role of Endothelial Dysfunction and Vascular Inflammation. <i>Current Pharmaceutical Design</i> , 2021, 27, 2156-2169.	1.9	13
411	Panoramic imaged carotid atheromas are associated with increased neutrophil count: both validated, independent predictors of near-term myocardial infarction. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20210045.	2.7	0
412	Neutrophil Extracellular Traps in Tumor Metastasis: Pathological Functions and Clinical Applications. <i>Cancers</i> , 2021, 13, 2832.	3.7	26
413	Antibiotics armed neutrophils as a potential therapy for brain fungal infection caused by chemotherapy-induced neutropenia. <i>Biomaterials</i> , 2021, 274, 120849.	11.4	8
414	Effect of neutrophil-like melanin biomimic photothermal nanoparticles on glomerular mesangial cells in rats with gestational diabetic nephropathy. <i>Colloids and Interface Science Communications</i> , 2021, 43, 100458.	4.1	5
415	Emerging Approaches to Understanding Microvascular Endothelial Heterogeneity: A Roadmap for Developing Anti-Inflammatory Therapeutics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7770.	4.1	19
416	Dynamically Deformable Protein Delivery Strategy Disassembles Neutrophil Extracellular Traps to Prevent Liver Metastasis. <i>Advanced Functional Materials</i> , 2021, 31, 2105089.	14.9	5

#	ARTICLE	IF	CITATIONS
417	Roles of Neutrophils in Glioma and Brain Metastases. <i>Frontiers in Immunology</i> , 2021, 12, 701383.	4.8	41
418	Progression in Alzheimer's Disease Correlates With Epigenetics and Cerebral Formaldehyde: From Potential Hereditary Mechanism and Environmental Factors to Therapeutic Measures. <i>Current Pharmacology Reports</i> , 2021, 7, 187.	3.0	0
420	Extracellular Vesicle-Based Therapy for COVID-19: Promises, Challenges and Future Prospects. <i>Biomedicines</i> , 2021, 9, 1373.	3.2	33
421	The dual role of immune response in acetaminophen hepatotoxicity: Implication for immune pharmacological targets. <i>Toxicology Letters</i> , 2021, 351, 37-52.	0.8	10
422	Rho signaling inhibition mitigates lung injury via targeting neutrophil recruitment and selectin-AKT signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119122.	4.1	6
423	<i>S. aureus</i> and <i>E. coli</i> change the force and work of adhesion between P- and E-selectins of endothelial cells and ligands of neutrophil granulocytes. <i>Micron</i> , 2021, 150, 103139.	2.2	3
424	Endocan (ESM-1) levels in gingival crevicular fluid correlate with ICAM-1 and LFA-1 in periodontitis. <i>Brazilian Oral Research</i> , 2020, 35, e005.	1.4	4
425	Neutrophil mediated postoperative photoimmunotherapy against melanoma skin cancer. <i>Nanoscale</i> , 2021, 13, 14825-14836.	5.6	4
426	Neutrophil-derived granule cargoes: paving the way for tumor growth and progression. <i>Cancer and Metastasis Reviews</i> , 2021, 40, 221-244.	5.9	31
427	Calcium Signalling through Ligand-Gated Ion Channels such as P2X1 Receptors in the Platelet and other Non-Excitable Cells. <i>Advances in Experimental Medicine and Biology</i> , 2016, 898, 305-329.	1.6	10
428	The emerging roles of semaphorin4D/CD100 in immunological diseases. <i>Biochemical Society Transactions</i> , 2020, 48, 2875-2890.	3.4	10
430	Complement receptor C3aR1 controls neutrophil mobilization following spinal cord injury through physiological antagonism of CXCR2. <i>JCI Insight</i> , 2019, 4, .	5.0	58
431	More friend than foe: the emerging role of neutrophils in tissue repair. <i>Journal of Clinical Investigation</i> , 2019, 129, 2629-2639.	8.2	200
432	Local microvascular leakage promotes trafficking of activated neutrophils to remote organs. <i>Journal of Clinical Investigation</i> , 2020, 130, 2301-2318.	8.2	48
433	Blockade of NOX2 and STIM1 signaling limits lipopolysaccharide-induced vascular inflammation. <i>Journal of Clinical Investigation</i> , 2013, 123, 887-902.	8.2	163
434	Neutrophil AKT2 regulates heterotypic cell-cell interactions during vascular inflammation. <i>Journal of Clinical Investigation</i> , 2014, 124, 1483-1496.	8.2	65
435	FGF23 signaling impairs neutrophil recruitment and host defense during CKD. <i>Journal of Clinical Investigation</i> , 2016, 126, 962-974.	8.2	223
436	Factor XII and uPAR upregulate neutrophil functions to influence wound healing. <i>Journal of Clinical Investigation</i> , 2018, 128, 944-959.	8.2	103

#	ARTICLE	IF	CITATIONS
437	Ulcerative colitis: Recent advances in the understanding of disease pathogenesis. F1000Research, 2020, 9, 294.	1.6	111
438	Innate Immunity Signatures of Early Childhood Caries (ECC) and Severe Early Childhood Caries. Biomedical and Pharmacology Journal, 2019, 12, 1129-1134.	0.5	4
439	Salivary Thromboxane A2-Binding Proteins from Triatomine Vectors of Chagas Disease Inhibit Platelet-Mediated Neutrophil Extracellular Traps (NETs) Formation and Arterial Thrombosis. PLoS Neglected Tropical Diseases, 2015, 9, e0003869.	3.0	16
440	Junctional Adhesion Molecule-A Regulates Vascular Endothelial Growth Factor Receptor-2 Signaling-Dependent Mouse Corneal Wound Healing. PLoS ONE, 2013, 8, e63674.	2.5	13
441	Tempol, an Intracellular Antioxidant, Inhibits Tissue Factor Expression, Attenuates Dendritic Cell Function, and Is Partially Protective in a Murine Model of Cerebral Malaria. PLoS ONE, 2014, 9, e87140.	2.5	34
442	Pathophysiology of Lung Injury Induced by Common Bile Duct Ligation in Mice. PLoS ONE, 2014, 9, e94550.	2.5	23
443	Anti-Inflammatory Effects of Secondary Metabolites of Marine Pseudomonas sp. in Human Neutrophils Are through Inhibiting P38 MAPK, JNK, and Calcium Pathways. PLoS ONE, 2014, 9, e114761.	2.5	16
444	Major Neutrophilia Observed in Acute Phase of Human Leptospirosis Is Not Associated with Increased Expression of Granulocyte Cell Activation Markers. PLoS ONE, 2016, 11, e0165716.	2.5	27
445	Interferon-gamma enhances phagocytosis, the production of reactive oxygen species and pro-inflammatory cytokines – implications for innate and acquired immunity.. Inflammation and Cell Signaling, 0, , .	1.6	1
446	Effects of Immunosuppressive agents on neutrophils inflammatory response in humans: An inflammatory perspective on coronary allograft vasculopathy. Inflammation and Cell Signaling, 0, , .	1.6	1
447	Plumbagin protects liver against fulminant hepatic failure and chronic liver fibrosis via inhibiting inflammation and collagen production. Oncotarget, 2016, 7, 82864-82875.	1.8	29
448	Pivotal Role of Mitogen-Activated Protein Kinase-Activated Protein Kinase 2 in Inflammatory Pulmonary Diseases. Current Protein and Peptide Science, 2016, 17, 332-342.	1.4	28
449	Extracellular neutrophil traps: a novel therapeutic target in ANCA-associated vasculitis?. Frontiers in Immunology, 2013, 4, 24.	4.8	7
450	Combining Genome Wide Association Studies and Differential Gene Expression Data Analyses Identifies Candidate Genes Affecting Mastitis Caused by Two Different Pathogens in the Dairy Cow. Open Journal of Animal Sciences, 2015, 05, 358-393.	0.6	62
451	Current viewpoints on platelet contribution to inflammation. World Journal of Hematology, 2012, 1, 14.	0.1	4
452	Intravascular Leukocyte Chemotaxis: The Rules of Attraction. , 0, , .		2
453	Chronic ethanol consumption compromises neutrophil function in acute pulmonary Aspergillus fumigatus infection. ELife, 2020, 9, .	6.0	12
454	How can we optimize the development of drugs for wound healing?. Expert Opinion on Drug Discovery, 2022, 17, 93-96.	5.0	3

#	ARTICLE	IF	CITATIONS
455	Inflammation and Atherosclerosis: Current Pathogenesis. Indonesian Biomedical Journal, 2012, 4, 73.	0.3	32
457	Nutritional Phytochemicals and the Management of Chronic Inflammation. , 2013, , 589-606.		0
458	Granulocytic Phagocytes. , 2015, , 78-92.e6.		2
459	The Inflammatory Response during Enterohemorrhagic <i>Escherichia coli</i> Infection. , 0, , 321-339.		1
460	Pathophysiologie. , 2016, , 39-62.		0
461	Neutrophils. , 2016, , 147-167.		2
462	Migraine and peripheral inflammation. Acta Medica Alanya, 2017, 1, 127-134.	0.2	2
463	The Role of VEGF in Controlling Vascular Permeability. , 2018, , 1-18.		0
464	The Role of VEGF in Controlling Vascular Permeability. , 2019, , 33-50.		0
465	Live Imaging of the Skin Immune Responses. , 2020, , 261-272.		0
466	BEBERAPA PENANDA (MARKER) PADA EARLY CHILDHOOD CARIES (ECC) DAN SAVERE EARLY CHILDHOOD CARIES (S-ECC). Interdental Jurnal Kedokteran Gigi, 2020, 16, 24-27.	0.0	0
468	Relationship between White Matter Lesions and Neutrophilâ€“Lymphocyte Ratio in Migraine Patients. Neurological Sciences and Neurophysiology, 2020, 37, 129-133.	0.3	2
469	MÃ©canismes immunologiques post-traumatiquesÂ: de lâ€™attrition tissulaire Ã la dÃ©faillance dâ€™organes. AnesthÃ©sie & RÃ©animation, 2020, 6, 161-174.	0.1	0
472	Promotion of diabetic wound healing using novel Cu2O/Pt nanocubes through bacterial killing and enhanced angiogenesis in rats. Materials Science and Engineering C, 2022, 134, 112552.	7.3	4
473	Neutrophil DREAM promotes neutrophil recruitment in vascular inflammation. Journal of Experimental Medicine, 2022, 219, .	8.5	11
474	Fighting fire with fire: The immune system might be key in our fight against Alzheimerâ€™s disease. Drug Discovery Today, 2022, 27, 1261-1283.	6.4	10
475	Neutrophils, Cancer and Thrombosis: The New Bermuda Triangle in Cancer Research. International Journal of Molecular Sciences, 2022, 23, 1257.	4.1	14
476	In Vivo Motility Patterns Displayed by Immune Cells Under Inflammatory Conditions. Frontiers in Immunology, 2021, 12, 804159.	4.8	7

#	ARTICLE	IF	CITATIONS
477	The role of neutrophils in rheumatic disease-associated vascular inflammation. <i>Nature Reviews Rheumatology</i> , 2022, 18, 158-170.	8.0	32
478	Highly Bright AIE Nanoparticles by Regulating the Substituent of Rhodanine for Precise Early Detection of Atherosclerosis and Drug Screening. <i>Advanced Materials</i> , 2022, 34, e2106994.	21.0	40
481	How Does the Immune System Enter the Brain?. <i>Frontiers in Immunology</i> , 2022, 13, 805657.	4.8	49
482	Carabin Deficiency Aggravates Hepatic Ischemia-Reperfusion Injury Through Promoting Neutrophil Trafficking via Ras and Calcineurin Signaling. <i>Frontiers in Immunology</i> , 2022, 13, 773291.	4.8	0
483	Gut Microbiota-Derived Small Extracellular Vesicles Endorse Memory-like Inflammatory Responses in Murine Neutrophils. <i>Biomedicines</i> , 2022, 10, 442.	3.2	14
484	Central nervous system zoning: How brain barriers establish subdivisions for CNS immune privilege and immune surveillance. <i>Journal of Internal Medicine</i> , 2022, 292, 47-67.	6.0	21
485	Tumor-Mediated Neutrophil Polarization and Therapeutic Implications. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3218.	4.1	20
486	Combined Effect of Matrix Topography and Stiffness on Neutrophil Shape and Motility. <i>Advanced Biology</i> , 2022, 6, e2101312.	2.5	2
487	Neutrophils and schistosomiasis: a missing piece in pathology. <i>Parasite Immunology</i> , 2022, 44, e12916.	1.5	2
488	Functional implications of neutrophil metabolism during ischemic tissue repair. <i>Current Opinion in Pharmacology</i> , 2022, 63, 102191.	3.5	7
489	Platelet-“neutrophil hybrid membrane-coated gelatin nanoparticles for enhanced targeting ability and intelligent release in the treatment of non-alcoholic steatohepatitis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 42, 102538.	3.3	12
490	Role of Platelets in Acute Lung Injury After Extracorporeal Circulation in Cardiac Surgery Patients: A Systemic Review. <i>Current Problems in Cardiology</i> , 2022, 47, 101088.	2.4	2
491	Unique Sensitivity of Uterine Tissue and the Immune System for Endometriotic Lesion Formation. <i>Frontiers in Physiology</i> , 2021, 12, 805784.	2.8	1
492	Neutrophils—From Bone Marrow to First-Line Defense of the Innate Immune System. <i>Frontiers in Immunology</i> , 2021, 12, 767175.	4.8	41
493	Nets, pulmonary arterial hypertension, and thrombo-inflammation. <i>Journal of Molecular Medicine</i> , 2022, 100, 713-722.	3.9	7
494	Thymidine starvation promotes c-di-AMP-dependent inflammation during pathogenic bacterial infection. <i>Cell Host and Microbe</i> , 2022, 30, 961-974.e6.	11.0	10
495	Cell membrane-based biomimetic nanosystems for advanced drug delivery in cancer therapy: A comprehensive review. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 215, 112503.	5.0	14
504	Neutrophil phenotypes and functions in cancer: A consensus statement. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	119

#	ARTICLE	IF	CITATIONS
505	Effect of Probiotic Bifidobacterium breve in Improving Cognitive Function and Preventing Brain Atrophy in Older Patients with Suspected Mild Cognitive Impairment: Results of a 24-Week Randomized, Double-Blind, Placebo-Controlled Trial. <i>Journal of Alzheimer's Disease</i> , 2022, 88, 75-95.	2.6	30
506	UDP/P2Y6 contributes to enhancing LPS-induced acute lung injury by regulating neutrophil migration. <i>Cellular Immunology</i> , 2022, 376, 104530.	3.0	1
507	Gram-positive <i>Staphylococcus aureus</i> LTA promotes distinct memory-like effects in murine bone marrow neutrophils. <i>Cellular Immunology</i> , 2022, 376, 104535.	3.0	5
508	Glucose Homeostasis in Relation to Neutrophil Mobilization in Smokers with COPD. <i>International Journal of COPD</i> , 0, Volume 17, 1179-1194.	2.3	0
509	Hybrid Biomaterial Initiates Refractory Wound Healing via Inducing Transiently Heightened Inflammatory Responses. <i>Advanced Science</i> , 2022, 9, .	11.2	20
510	<i>Annona muricata</i> mitigates glycerol-induced nephrotoxicities in male albino rats through signaling pathways of angiotensin conversion enzyme, kidney injury molecule-1, and antioxidant properties. <i>Scientific African</i> , 2022, 16, e01225.	1.5	0
511	Immunomodulatory Effects of Endocrine-Disrupting Chemicals. , 2022, , 463-509.		1
512	Recent advancement in Nano-drug delivery for Topical Wound Healing. <i>Research Journal of Pharmacy and Technology</i> , 2022, , 2320-2326.	0.8	2
513	A Systematic Review and Meta-Analysis of Phytoestrogen Protects Against Myocardial Ischemia/Reperfusion Injury: Pre-Clinical Evidence From Small Animal Studies. <i>Frontiers in Pharmacology</i> , 0, 13, .	3.5	1
514	Collaborative Action of Microglia and Astrocytes Mediates Neutrophil Recruitment to the CNS to Defend against <i>Escherichia coli</i> K1 Infection. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6540.	4.1	6
515	Intravital Imaging of Inflammatory Response in Liver Disease. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	1
516	Tumor regionalization after surgery: Roles of the tumor microenvironment and neutrophil extracellular traps. <i>Experimental and Molecular Medicine</i> , 2022, 54, 720-729.	7.7	22
517	The Impact of General Anesthesia on Redox Stability and Epigenetic Inflammation Pathways: Crosstalk on Perioperative Antioxidant Therapy. <i>Cells</i> , 2022, 11, 1880.	4.1	2
518	Increased neutrophil count is associated with the development of chronic kidney disease in patients with diabetes. <i>Journal of Diabetes</i> , 2022, 14, 442-454.	1.8	8
519	Neutrophilic Dermatitis and Management Strategies for the Inpatient Dermatologist. <i>Current Dermatology Reports</i> , 2022, 11, 146-157.	2.1	3
520	Neutrophils, functions beyond host defense. <i>Cellular Immunology</i> , 2022, 379, 104579.	3.0	5
521	Usage of Nanoparticles to Alter Neutrophils' Function for Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 3676-3689.	5.2	5
522	Reprogrammed siTNF α /neutrophil cytopharmaceuticals targeting inflamed joints for rheumatoid arthritis therapy. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 787-803.	12.0	7

#	ARTICLE	IF	CITATIONS
523	Neutrophil extracellular traps in the pathology of cancer and other inflammatory diseases. <i>Physiological Reviews</i> , 2023, 103, 277-312.	28.8	32
524	Association of immune cell recruitment and BPD development. <i>Molecular and Cellular Pediatrics</i> , 2022, 9, .	1.8	8
525	The Fra-1: Novel role in regulating extensive immune cell states and affecting inflammatory diseases. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	3
526	An ESIPT-based reversible ratiometric fluorescent sensor for detecting HClO/H ₂ S redox cycle in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2023, 285, 121881.	3.9	9
527	MSC-EVs transferring mitochondria and related components: A new hope for the treatment of kidney disease. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	10
528	Glutamine prevents acute kidney injury by modulating oxidative stress and apoptosis in tubular epithelial cells. <i>JCI Insight</i> , 2022, 7, .	5.0	14
529	Targeted nanoparticles modify neutrophil function in vivo. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	8
532	Sourcing cells for in vitro models of human vascular barriers of inflammation. <i>Frontiers in Medical Technology</i> , 0, 4, .	2.5	0
534	Dusp6 deficiency attenuates neutrophil-mediated cardiac damage in the acute inflammatory phase of myocardial infarction. <i>Nature Communications</i> , 2022, 13, .	12.8	8
535	Multiple Death Pathways of Neutrophils Regulate Alveolar Macrophage Proliferation. <i>Cells</i> , 2022, 11, 3633.	4.1	0
536	Hepatocytic AP-1 and STAT3 contribute to chemotaxis in alphanaphthylisothiocyanate-induced cholestatic liver injury. <i>Toxicology Letters</i> , 2023, 373, 184-193.	0.8	1
537	Resolved Hypereosinophilic Syndrome and Immune Thrombocytopenic Purpura in Ulcerative Colitis Patients Post Colectomy: A Case Series and Literature Review. <i>Journal of Inflammation Research</i> , 0, Volume 15, 6373-6380.	3.5	1
538	Rap1b-loss increases neutrophil lactate dehydrogenase activity to enhance neutrophil migration and acute inflammation in vivo. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	3
539	Lung injury following cardiopulmonary bypass: a clinical update. <i>Expert Review of Cardiovascular Therapy</i> , 2022, 20, 871-880.	1.5	3
540	Neutrophils are gatekeepers of mucosal immunity. <i>Immunological Reviews</i> , 2023, 314, 125-141.	6.0	7
541	Selenium Nanoparticles Can Influence the Immune Response Due to Interactions with Antibodies and Modulation of the Physiological State of Granulocytes. <i>Pharmaceutics</i> , 2022, 14, 2772.	4.5	3
542	Increased blood neutrophil extracellular traps (NETs) associated with early life stress: translational findings in recent-onset schizophrenia and rodent model. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	5
543	Identification and immunological characterization of endoplasmic reticulum stress-related molecular subtypes in bronchopulmonary dysplasia based on machine learning. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	4

#	ARTICLE	IF	CITATIONS
544	Distinct subsets of neutrophils crosstalk with cytokines and metabolites in patients with sepsis. IScience, 2023, 26, 105948.	4.1	4
545	Anti-Inflammatory Effects of the 35kDa Hyaluronic Acid Fragment (B-HA/HA35). Journal of Inflammation Research, 0, Volume 16, 209-224.	3.5	1
546	Susceptibility identification for seasonal influenza A/H3N2 based on baseline blood transcriptome. Frontiers in Immunology, 0, 13, .	4.8	1
547	The NET response to biofilm infections. , 2023, , 575-589.		0
548	Cell-Based Drug Delivery Systems with Innate Homing Capability as a Novel Nanocarrier Platform. International Journal of Nanomedicine, 0, Volume 18, 509-525.	6.7	8
549	NEUTROPHIL EXTRACELLULAR TRAPS AS A THERAPEUTIC TARGET IN SYSTEMIC COMPLICATIONS OF ACUTE PANCREATITIS. Fiziologichnyi Zhurnal (Kiev, Ukraine: 1994), 2022, 68, 80-89.	0.6	0
550	Effect of Glutamine Administration After Cardiac Surgery on Kidney Damage in Patients at High Risk for Acute Kidney Injury: A Randomized Controlled Trial. Anesthesia and Analgesia, 2023, 137, 1029-1038.	2.2	2
551	A Nanotherapy of Octanoic Acid Ameliorates Cardiac Arrest/Cardiopulmonary Resuscitation-Induced Brain Injury via RVG29- and Neutrophil Membrane-Mediated Injury Relay Targeting. ACS Nano, 2023, 17, 3528-3548.	14.6	9
552	Blood Biomarkers in Patients with Parkinson's Disease: A Review in Context of Anesthetic Care. Diagnostics, 2023, 13, 693.	2.6	3
553	Dietary fiber alters immunity and intestinal barrier function of different breeds of growing pigs. Frontiers in Immunology, 0, 14, .	4.8	3
554	Ethanol consumption favors pro-contractile phenotype of perivascular adipose tissue: A role for interleukin-6. Life Sciences, 2023, 319, 121526.	4.3	5
555	The transient receptor potential channels in rheumatoid arthritis: Need to pay more attention. Frontiers in Immunology, 0, 14, .	4.8	0
556	PD-L1 promotes GSDMD-mediated NET release by maintaining the transcriptional activity of Stat3 in sepsis-associated encephalopathy. International Journal of Biological Sciences, 2023, 19, 1413-1429.	6.4	2
557	Towards Non-Invasive Intravital Microscopy: Advantages of Using the Ear Lobe Instead of the Cremaster Muscle. Life, 2023, 13, 887.	2.4	0
558	Seizure-induced neutrophil adhesion in brain capillaries leads to a decrease in postictal cerebral blood flow. IScience, 2023, 26, 106655.	4.1	3
559	Therapeutic Effects of an Anti-Sialyl Lewis x Antibody in a Murine Model of Acute Lung Injury. Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, 0, , .	1.6	0
560	Neutrophil-inspired photothermo-responsive drug delivery system for targeted treatment of bacterial infection and endotoxins neutralization. Biomaterials Research, 2023, 27, .	6.9	1
561	Neutrophil diversity in inflammation and cancer. Frontiers in Immunology, 0, 14, .	4.8	7

#	ARTICLE	IF	CITATIONS
562	Chronic ethanol exposure impairs alveolar leukocyte infiltration during pneumococcal pneumonia, leading to an increased bacterial burden despite increased CXCL1 and nitric oxide levels. <i>Frontiers in Immunology</i> , 0, 14, .	4.8	1
563	The mechanism of the NFAT transcription factor family involved in oxidative stress response. <i>Journal of Cardiology</i> , 2024, 83, 30-36.	1.9	0
564	Intravital imaging of three different microvascular beds in SARS-CoV-2â€infectected mice. <i>Blood Advances</i> , 2023, 7, 4170-4181.	5.2	3
566	Could Systemic Inflammatory Index Predict Diabetic Kidney Injury in Type 2 Diabetes Mellitus?. <i>Diagnostics</i> , 2023, 13, 2063.	2.6	12
567	MyD88 exacerbates immunological pathology in experimental viral fulminant hepatitis*. , 2019, 5, 58-67.		0
568	Human neutrophils communicate remotely via calcium-dependent glutamate-induced glutamate release. <i>IScience</i> , 2023, 26, 107236.	4.1	0
569	Nonfunctional TGF-Î²/ALK1/ENG signaling pathway supports neutrophil proangiogenic activity in hereditary hemorrhagic telangiectasia. <i>Journal of Leukocyte Biology</i> , 0, , .	3.3	1
570	Chitosan/silkâ€fibroinâ€nanofibers-basedâ€hierarchicalâ€spongesâ€accelerateâ€infectedâ€diabeticâ€woundâ€healingâ€viaâ€H2O2â€self-production. <i>Carbohydrate Polymers</i> , 2023, 321, 121340.	10.2	1
571	Recent Advances in Combating Bacterial Infections by Using Hybrid Nano-Systems. <i>Journal of Nanotheranostics</i> , 2023, 4, 429-462.	3.1	1
572	<scp>DEL</scp>â€1, as an antiâ€neutrophil transepithelial migration molecule, inhibits airway neutrophilic inflammation in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 0, , .	5.7	1
573	Next Generation of Brain Cancer Nanomedicines to Overcome the Bloodâ€Brain Barrier (BBB): Insights on Transcytosis, Perivascular Tumor Growth, and BBB Models. <i>Advanced Therapeutics</i> , 2023, 6, .	3.2	0
574	Neutrophil-Mediated Delivery of Nanocrystal Drugs via Photoinduced Inflammation Enhances Cancer Therapy. <i>ACS Nano</i> , 2023, 17, 15542-15555.	14.6	9
575	Crystal ribcage: a platform for probing real-time lung function at cellular resolution. <i>Nature Methods</i> , 0, , .	19.0	2
576	Engineered Artificial Human Neutrophils Exhibit Mature Functional Performance. <i>ACS Synthetic Biology</i> , 2023, 12, 2262-2270.	3.8	1
577	Neutrophil-Mediated Progression of Mild Cognitive Impairment to Dementia. <i>International Journal of Molecular Sciences</i> , 2023, 24, 14795.	4.1	0
578	The miR-183/96/182 cluster is a checkpoint for resident immune cells and shapes the cellular landscape of the cornea. <i>Ocular Surface</i> , 2023, 30, 17-41.	4.4	1
579	Evaluation of Vascular Permeability in Inflamed Vessels of the Cremaster Muscle in Live Mice. <i>Methods in Molecular Biology</i> , 2024, , 13-20.	0.9	0
580	Role of neutrophil extracellular traps in vascular access thrombosis in hemodialysis patients. <i>Thrombosis Research</i> , 2023, 231, 121-127.	1.7	0

#	ARTICLE	IF	CITATIONS
581	Evaluation of cell adhesion molecules (LFA-1 and L-selectin) in ankylosing spondylitis patients after treatment with Î²-D-mannuronic acid (M2000). Indian Journal of Medical Research, 2023, 157, 453.	1.0	0
582	Structural surfaceomics reveals an AML-specific conformation of integrin Î²2 as a CAR T cellular therapy target. Nature Cancer, 2023, 4, 1592-1609.	13.2	2
583	An Intriguing Structural Modification in Neutrophil Migration Across Blood Vessels to Inflammatory Sites: Progress in the Core Mechanisms. Cell Biochemistry and Biophysics, 2024, 82, 67-75.	1.8	0
584	Role of Neutrophil Extracellular Traps in Health and Disease Pathophysiology: Recent Insights and Advances. International Journal of Molecular Sciences, 2023, 24, 15805.	4.1	3
585	Modified Guo-Min decoction ameliorates PM2.5-induced lung injury by inhibition of PI3K-AKT and MAPK signaling pathways. Phytomedicine, 2024, 123, 155211.	5.3	0
586	Lactacaseibacillus rhamnosus CRL1505 Peptidoglycan Modulates the Inflammation-Coagulation Response Triggered by Poly(I:C) in the Respiratory Tract. International Journal of Molecular Sciences, 2023, 24, 16907.	4.1	0
587	Diverse bacteria elicit distinct neutrophil responses in a physiologically relevant model of infection. IScience, 2024, 27, 108627.	4.1	0
588	Study on the combined toxicity of DEHP and lead on the blood system of rats. Chemosphere, 2024, 349, 140908.	8.2	0
589	Embedded macrophages induce intravascular coagulation in 3D blood vessel-on-chip. Biomedical Microdevices, 2024, 26, .	2.8	1
590	P-selectin-dependent leukocyte adhesion is governed by endolysosomal two-pore channel 2. Cell Reports, 2023, 42, 113501.	6.4	0
592	A study of white blood cell counts as a prognostic marker among patients sustaining organophosphate poisoning presenting to the Emergency Department of a Tertiary Care Hospital. MGM Journal of Medical Sciences, 2023, 10, 758-761.	0.1	0
593	The Role of Chemokines in Orchestrating the Immune Response to Pancreatic Ductal Adenocarcinoma. Cancers, 2024, 16, 559.	3.7	0
594	NADPH-oxidases as potential pharmacological targets for thrombosis and depression comorbidity. Redox Biology, 2024, 70, 103060.	9.0	0
595	Endoplasmic Reticulum Protein 72 Regulates Integrin Mac-1 Activity to Influence Neutrophil Recruitment. Arteriosclerosis, Thrombosis, and Vascular Biology, 2024, 44, .	2.4	0
596	Emergent seesaw oscillations during cellular directional decision-making. Nature Physics, 2024, 20, 501-511.	16.7	0
597	Is there a role for N1-N2 neutrophil phenotypes in bone regeneration? A systematic review. Bone, 2024, 181, 117021.	2.9	0
598	Bioengineered Neutrophils for Smart Response in Brain Infection Management. Advanced Materials, 2024, 36, .	21.0	0
599	Dexamethasone targets actin cytoskeleton signaling and inflammatory mediators to reverse sulfur mustard-induced toxicity in rabbit corneas. Toxicology and Applied Pharmacology, 2024, 483, 116834.	2.8	0

#	ARTICLE	IF	CITATIONS
600	An IL-10/DEL-1 axis supports granulopoiesis and survival from sepsis in early life. Nature Communications, 2024, 15, .	12.8	0
601	Harnessing anti-inflammatory pathways and macrophage nano delivery to treat inflammatory and fibrotic disorders. Advanced Drug Delivery Reviews, 2024, 207, 115204.	13.7	0
602	Mechanisms of HIV-mediated blood-brain barrier compromise and leukocyte transmigration under the current antiretroviral era. IScience, 2024, 27, 109236.	4.1	0
603	Phosphatidylserine accelerates wound healing and reduces necrosis in the rats: Growth factor activation. Clinical and Experimental Pharmacology and Physiology, 2024, 51, .	1.9	0
604	Neutrophil hitchhiking: Riding the drug delivery wave to treat diseases. Drug Development Research, 2024, 85, .	2.9	0
605	Vasculature-on-a-chip technologies as platforms for advanced studies of bacterial infections. Biomicrofluidics, 2024, 18, .	2.4	0
607	Anti-inflammatory mechanisms of neutrophil membrane-coated nanoparticles without drug loading. Journal of Controlled Release, 2024, 369, 12-24.	9.9	0