Leo Koenderman

List of Publications by Year
in descending order

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325 papers	18,169 citations	15504 65 h-index	18130 120 g-index
329 all docs	329 docs citations	329 times ranked	19057 citing authors

#	Article	IF	Citations
1	Expression of the pro-apoptotic Bcl-2 family member Bim is regulated by the forkhead transcription factor FKHR-L1. Current Biology, 2000, 10, 1201-1204.	3.9	873
2	A subset of neutrophils in human systemic inflammation inhibits T cell responses through Mac-1. Journal of Clinical Investigation, 2012, 122, 327-336.	8.2	688
3	In vivo labeling with 2H2O reveals a human neutrophil lifespan of 5.4 days. Blood, 2010, 116, 625-627.	1.4	667
4	The systemic immune response to trauma: an overview of pathophysiology and treatment. Lancet, The, 2014, 384, 1455-1465.	13.7	607
5	Forkhead Transcription Factor FKHR-L1 Modulates Cytokine-Dependent Transcriptional Regulation of p27^{KIP1}. Molecular and Cellular Biology, 2000, 20, 9138-9148.	2.3	580
6	Negative cross-talk between RelA and the glucocorticoid receptor: a possible mechanism for the antiinflammatory action of glucocorticoids.. Molecular Endocrinology, 1995, 9, 401-412.	3.7	370
7	STAT3Î², a Splice Variant of Transcription Factor STAT3, Is a Dominant Negative Regulator of Transcription. Journal of Biological Chemistry, 1996, 271, 13221-13227.	3.4	338
8	FKHR-L1 can act as a critical effector of cell death induced by cytokine withdrawal. Journal of Cell Biology, 2002, 156, 531-542.	5.2	336
9	Immune suppression by neutrophils and granulocytic myeloid-derived suppressor cells: similarities and differences. Cellular and Molecular Life Sciences, 2013, 70, 3813-3827.	5.4	322
10	Update on Neutrophil Function in Severe Inflammation. Frontiers in Immunology, 2018, 9, 2171.	4.8	283
11	The Neutrophil Life Cycle. Trends in Immunology, 2019, 40, 584-597.	6.8	265
12	12-O-tetradecanoylphorbol-13-acetate- and tumor necrosis factor alpha-mediated induction of intercellular adhesion molecule-1 is inhibited by dexamethasone. Functional analysis of the human intercellular adhesion molecular-1 promoter.. Journal of Biological Chemistry, 1994, 269, 6185-6192.	3.4	243
13	Activation of RhoA and ROCK Are Essential for Detachment of Migrating Leukocytes. Molecular Biology of the Cell, 2001, 12, 2137-2145.	2.1	223
14	Modulation and induction of eosinophil chemotaxis by granulocyte- macrophage colony-stimulating factor and interleukin-3. Blood, 1991, 77, 2694-2700.	1.4	221
15	What's your age again? Determination of human neutrophil half-lives revisited. Journal of Leukocyte Biology, 2013, 94, 595-601.	3.3	219
16	12-O-tetradecanoylphorbol-13-acetate- and tumor necrosis factor alpha-mediated induction of intercellular adhesion molecule-1 is inhibited by dexamethasone. Functional analysis of the human intercellular adhesion molecular-1 promoter. Journal of Biological Chemistry, 1994, 269, 6185-92.	3.4	207
17	The role of STATs in myeloid differentiation and leukemia. Oncogene, 2000, 19, 2511-2522.	5.9	203
18	Functional heterogeneity and differential priming of circulating neutrophils in human experimental endotoxemia. Journal of Leukocyte Biology, 2010, 88, 211-220.	3.3	202

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19	How Neutrophils Shape Adaptive Immune Responses. Frontiers in Immunology, 2015, 6, 471.	4.8	201
20	The role of neutrophils in immune dysfunction during severe inflammation. Critical Care, 2016, 20, 73.	5.8	199
21	Regulation of Proliferation, Differentiation and Survival by the IL-3/IL-5/GM-CSF Receptor Family. Cellular Signalling, 1998, 10, 619-628.	3.6	191
22	Trauma: the role of the innate immune system. World Journal of Emergency Surgery, 2006, 1, 15.	5.0	175
23	IFN-Î³-Stimulated Neutrophils Suppress Lymphocyte Proliferation through Expression of PD-L1. PLoS ONE, 2013, 8, e72249.	2.5	173
24	Comparison of the roles of mitogen-activated protein kinase kinase and phosphatidylinositol 3-kinase signal transduction in neutrophil effector function. Biochemical Journal, 1998, 329, 121-130.	3.7	167
25	STAT5 Activation by BCR-Abl Contributes to Transformation of K562 Leukemia Cells. Blood, 1999, 94, 1108-1112.	1.4	164
26	Platelet-dependent primary hemostasis promotes selectin- and integrin- mediated neutrophil adhesion to damaged endothelium under flow conditions. Blood, 1996, 87, 3271-3281.	1.4	153
27	The lung is a host defense niche for immediate neutrophil-mediated vascular protection. Science Immunology, 2017, 2, .	11.9	153
28	Systemic inflammation and fracture healing. Journal of Leukocyte Biology, 2011, 89, 669-673.	3.3	152
29	Systemic inflammation in chronic obstructive pulmonary disease. European Respiratory Journal, 2003, 22, 5s-13s.	6.7	147
30	RANTES- and interleukin-8-induced responses in normal human eosinophils: effects of priming with interleukin-5. Blood, 1994, 83, 3697-3704.	1.4	145
31	The 40-kDa Fc gamma receptor (FcRII) on human neutrophils is essential for the IgG-induced respiratory burst and IgG-induced phagocytosis. Journal of Immunology, 1989, 142, 2365-9.	0.8	136
32	Human neutrophils switch to an activated phenotype after homing to the lung irrespective of inflammatory disease. Clinical and Experimental Immunology, 2009, 155, 559-566.	2.6	133
33	An Improved Method for the Isolation of Eosinophilic Granulocytes From Peripheral Blood of Normal Individuals. Journal of Leukocyte Biology, 1988, 44, 79-86.	3.3	123
34	In vivo priming of platelet-activating factor-induced eosinophil chemotaxis in allergic asthmatic individuals. Blood, 1992, 79, 1836-1841.	1.4	118
35	STAT5-Dependent CyclinD1 and Bcl-xL Expression in Bcr-Abl-Transformed Cells. Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications, 2000, 3, 299-305.	1.6	116
36	Glucocorticoid-mediated Repression of Intercellular Adhesion Molecule-1 Expression in Human Monocytic and Bronchial Epithelial Cell Lines. American Journal of Respiratory Cell and Molecular Biology, 1993, 8, 340-347.	2.9	113

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37	Interleukin-5 signaling in human eosinophils involves JAK2 tyrosine kinase and Stat1 alpha. Blood, 1995, 85, 1442-1448.	1.4	113
38	Cytokine-Specific Transcriptional Regulation Through an IL-5Ralpha Interacting Protein. Science, 2001, 293, 1136-1138.	12.6	113
39	Upregulation of formyl-peptide and interleukin-8â€"induced eosinophil chemotaxis in patients with allergic asthma. Journal of Allergy and Clinical Immunology, 1993, 91, 1198-1205.	2.9	112
40	Analysis of Signal Transduction Pathways in Human Eosinophils Activated by Chemoattractants and the T-Helper 2â€"Derived Cytokines Interleukin-4 and Interleukin-5. Blood, 1998, 91, 2547-2557.	1.4	111
41	Neutrophil Heterogeneity in Cancer: From Biology to Therapies. Frontiers in Immunology, 2019, 10, 2155.	4.8	110
42	A Systemic Neutrophil Response Precedes Robust CD8 + T-Cell Activation during Natural Respiratory Syncytial Virus Infection in Infants. Journal of Virology, 2010, 84, 2374-2383.	3.4	109
43	Modulation of Eosinophil Chemotaxis by Interleukin-5. American Journal of Respiratory Cell and Molecular Biology, 1992, 7, 631-636.	2.9	99
44	Respiratory Syncytial Virus Inhibits Granulocyte Apoptosis through a Phosphatidylinositol 3-Kinase and NF-Î¹B-Dependent Mechanism. Journal of Immunology, 2006, 176, 5529-5537.	0.8	99
45	Platelet and Fibrin Deposition at the Damaged Vessel Wall: Cooperative Substrates for Neutrophil Adhesion Under Flow Conditions. Blood, 1997, 89, 166-175.	1.4	98
46	On the origin of low-density neutrophils. Journal of Leukocyte Biology, 2020, 107, 809-818.	3.3	90
47	Activation of the Small GTPase Rap1 in Human Neutrophils. Blood, 1998, 92, 2133-2140.	1.4	89
48	Platelet-Monocyte Complexes Support Monocyte Adhesion to Endothelium by Enhancing Secondary Tethering and Cluster Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 193-199.	2.4	89
49	Targeting neutrophilic inflammation in severe neutrophilic asthma: can we target the disease-relevant neutrophil phenotype?. Journal of Leukocyte Biology, 2015, 98, 549-556.	3.3	88
50	Specificity in cytokine signal transduction: lessons learned from the IL-3/IL-5/GM-CSF receptor family. Cytokine and Growth Factor Reviews, 2001, 12, 19-25.	7.2	87
51	Human CD62Ldim neutrophils identified as a separate subset by proteome profiling and in vivo pulse-chase labeling. Blood, 2017, 129, 3476-3485.	1.4	86
52	Immunophenotyping of eosinophils recovered from blood and BAL of allergic asthmatics.. American Journal of Respiratory and Critical Care Medicine, 1994, 149, 345-351.	5.6	84
53	Neutrophil phenotypes in health and disease. European Journal of Clinical Investigation, 2018, 48, e12943.	3.4	84
54	The systemic inflammatory response induced by trauma is reflected by multiple phenotypes of blood neutrophils. Injury, 2007, 38, 1365-1372.	1.7	83

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55	Association of RACK1 and PKCÎ² with the common Î²-chain of the IL-5/IL-3/GM-CSF receptor. Oncogene, 1999, 18, 5126-5130.	5.9	81
56	Eosinophils capture viruses, a capacity that is defective in asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1898-1909.	5.7	79
57	Platelet Associated Fibrinogen and ICAM-2 Induce Firm Adhesion of Neutrophils under Flow Conditions. Thrombosis and Haemostasis, 1998, 80, 443-448.	3.4	77
58	Systemic inflammation in COPD visualised by gene profiling in peripheral blood neutrophils. Thorax, 2005, 60, 538-544.	5.6	75
59	Differential activation of human basophils by anti-IgE and formyl-methionyl-leucylphenylalanine. Indications for protein kinase C-dependent and -independent activation pathways. European Journal of Immunology, 1991, 21, 881-885.	2.9	74
60	Activation of the STAT3/Acute Phase Response Factor Transcription Factor by Interleukin-5. Journal of Biological Chemistry, 1995, 270, 25778-25784.	3.4	74
61	FOXO3a Induces Differentiation of Bcr-Abl-transformed Cells through Transcriptional Down-regulation of Id1. Journal of Biological Chemistry, 2007, 282, 2211-2220.	3.4	74
62	Transduction of a dominant-negative H-Ras into human eosinophils attenuates extracellular signalâ€“regulated kinase activation and interleukin-5â€“mediated cell viability. Blood, 2001, 98, 2014-2021.	1.4	73
63	Eosinophilic inflammation in COPD: from an inflammatory marker to a treatable trait. Thorax, 2021, 76, 188-195.	5.6	73
64	Regulation of p21rac Activation in Human Neutrophils. Blood, 1999, 94, 1121-1130.	1.4	72
65	Neutrophils contribute to fracture healing by synthesizing fibronectin + extracellular matrix rapidly after injury. Clinical Immunology, 2016, 164, 78-84.	3.2	72
66	Platelet-activating factor (PAF-acether) induced leukotriene C4 formation and luminol dependent chemiluminescence by human eosinophils. Pharmacological Research Communications, 1986, 18, 61-69.	0.2	70
67	Differential antibacterial control by neutrophil subsets. Blood Advances, 2018, 2, 1344-1355.	5.2	70
68	Signal transducer and activator of transcription 5 (STAT5). International Journal of Biochemistry and Cell Biology, 2004, 36, 2120-2124.	2.8	68
69	Human suppressive neutrophils CD16bright/CD62Ldim exhibit decreased adhesion. Journal of Leukocyte Biology, 2012, 92, 1011-1020.	3.3	65
70	Preoperative cerebrospinal fluid cytokine levels and the risk of postoperative delirium in elderly hip fracture patients. Journal of Neuroinflammation, 2013, 10, 122.	7.2	65
71	Clinical utility of asthma biomarkers: from bench to bedside. Biologics: Targets and Therapy, 2013, 7, 199.	3.2	64
72	Platelets Promote Eosinophil Adhesion of Patients with Asthma to Endothelium under Flow Conditions. American Journal of Respiratory Cell and Molecular Biology, 2003, 28, 512-519.	2.9	63

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73	Prediction of Functional Overreaching From Subjective Fatigue and Readiness to Train After Only 3 Days of Cycling. International Journal of Sports Physiology and Performance, 2017, 12, S2-87-S2-94.	2.3	63
74	Protein kinase B (c-akt) regulates hematopoietic lineage choice decisions during myelopoiesis. Blood, 2008, 111, 112-121.	1.4	62
75	Immunological and hematological effects of <scp>IL</scp>â€5(RÎ±)â€targeted therapy: An overview. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1979-1988.	5.7	62
76	Differential regulation of granulopoiesis by the basic helix-loop-helix transcriptional inhibitors Id1 and Id2. Blood, 2005, 105, 4272-4281.	1.4	61
77	Circulatory and maturation kinetics of human monocyte subsets in vivo. Blood, 2017, 130, 1474-1477.	1.4	61
78	P-selectin and MAC-1 mediate monocyte rolling and adhesion to ECM-bound platelets under flow conditions. Journal of Leukocyte Biology, 1998, 64, 467-473.	3.3	59
79	Signal transducer and activator of transcription 5a (STAT5a) is required for eosinophil differentiation of human cord bloodâ€“derived CD34+ cells. Blood, 2003, 101, 134-142.	1.4	59
80	Cigarette smoke attenuates the production of cytokines by human plasmacytoid dendritic cells and enhances the release of IL-8 in response to TLR-9 stimulation. Respiratory Research, 2009, 10, 47.	3.6	59
81	Monocyte Subsets Are Differentially Lost from the Circulation during Acute Inflammation Induced by Human Experimental Endotoxemia. Journal of Innate Immunity, 2017, 9, 464-474.	3.8	57
82	Granulocyte signal transduction and priming: cause without effect?. Immunology Letters, 1997, 57, 27-31.	2.5	56
83	Kinetics of the Innate Immune Response After Trauma. Shock, 2013, 40, 21-27.	2.1	55
84	The innate immune response. Immunology Letters, 2014, 162, 95-102.	2.5	55
85	Intracellular Penetration and Effects of Antibiotics on Staphylococcus aureus Inside Human Neutrophils: A Comprehensive Review. Antibiotics, 2019, 8, 54.	3.7	54
86	Characteristics of hexokinase, pyruvate kinase, and glucose-6-phosphate dehydrogenase during adult and neonatal reticulocyte maturation. American Journal of Hematology, 1985, 20, 203-215.	4.1	53
87	Mechanisms involved in eosinophil migration. Platelet-activating factor-induced Chemotaxis and interleukin-5-induced chemokinesis are mediated by different signals. Journal of Leukocyte Biology, 1996, 59, 347-356.	3.3	53
88	Neutrophil Functional Heterogeneity: Identification of Competitive Phagocytosis. Frontiers in Immunology, 2017, 8, 1498.	4.8	53
89	Parametric response mapping on chest computed tomography associates with clinical and functional parameters in chronic obstructive pulmonary disease. Respiratory Medicine, 2017, 123, 48-55.	2.9	52
90	Neutrophil subset responses in infants with severe viral respiratory infection. Clinical Immunology, 2017, 176, 100-106.	3.2	52

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91	Cigarette Smoke-Induced Collagen Destruction; Key to Chronic Neutrophilic Airway Inflammation?. PLoS ONE, 2013, 8, e55612.	2.5	52
92	Eosinophils do respond to fMLP. Blood, 1987, 70, 379-383.	1.4	51
93	Lineage-specific activation of STAT3 by interferon-Î³ in human neutrophils. Journal of Leukocyte Biology, 1999, 65, 391-396.	3.3	51
94	Cytokine-mediated cPLA2phosphorylation is regulated by multiple MAPK family members. FEBS Letters, 2000, 471, 83-88.	2.8	50
95	Dual mechanisms in priming of the chemoattractant-induced respiratory burst in human granulocytes. A Ca2+-dependent and a Ca2+-independent route. Journal of Immunology, 1989, 142, 623-8.	0.8	50
96	Continuous cell activation is necessary for stable interaction of complement receptor type 3 with its counter-structure in the aggregation response of human neutrophils. European Journal of Immunology, 1990, 20, 501-508.	2.9	49
97	Eosinophil Migration in Atopic Dermatitis I: Increased Migratory Responses to N-Formyl-Methionyl-Leucyl-Phenylalanine, Neutrophil-Activating Factor, Platelet-Activating Factor, and Platelet Factor 4. Journal of Investigative Dermatology, 1993, 100, 137-142.	0.7	49
98	Gradual increase in priming of human eosinophils during extravasation from peripheral blood to the airways in response to allergen challenge. Journal of Allergy and Clinical Immunology, 2005, 115, 997-1003.	2.9	49
99	Advanced glycation endproducts and their receptor in different body compartments in COPD. Respiratory Research, 2016, 17, 46.	3.6	49
100	Cerebral ischemia initiates an immediate innate immune response in neonates during cardiac surgery. Journal of Neuroinflammation, 2013, 10, 24.	7.2	48
101	Arg16 ADRB2 genotype increases the risk of asthma exacerbation in children with a reported use of long-acting Î²₂-agonists: results of the pacman cohort. Pharmacogenomics, 2013, 14, 1965-1971.	1.3	48
102	Analysis of signal transduction pathways regulating cytokine-mediated Fc receptor activation on human eosinophils. Journal of Immunology, 1998, 161, 6768-74.	0.8	48
103	Granulocyte-macrophage colony-stimulating factor induces sequential activation and deactivation of binding via a low-affinity IgG Fc receptor, hFc gamma RII, on human eosinophils. Blood, 1993, 81, 2413-2419.	1.4	47
104	Cytokine priming of the respiratory burst in human eosinophils is Ca2+ independent and accompanied by induction of tyrosine kinase activity. Journal of Leukocyte Biology, 1993, 53, 347-353.	3.3	46
105	Neutrophil heterogeneity and its role in infectious complications after severe trauma. World Journal of Emergency Surgery, 2019, 14, 24.	5.0	45
106	Granulocyte-macrophage colony-stimulating factor, interleukin-3 (IL-3), and IL-5 greatly enhance the interaction of human eosinophils with opsonized particles by changing the affinity of complement receptor type 3. Blood, 1994, 83, 2978-2984.	1.4	44
107	NF-ÎºB/Rel Family Members Regulating the ICAM-1 Promoter in Monocytic THP-1 Cells. Immunobiology, 1997, 198, 50-64.	1.9	44
108	Differential effects of the T helper cell type 2-derived cytokines IL-4 and IL-5 on ligand binding to IgG and IgA receptors expressed by human eosinophils. Journal of Immunology, 1997, 159, 1459-65.	0.8	44

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109	Regulation and function of protein kinase B and MAP kinase activation by the IL-5/GM-CSF/IL-3 receptor. Oncogene, 1999, 18, 3334-3342.	5.9	43
110	The Role of Transcription Factor PU.1 in the Activity of the Intronic Enhancer of the Eosinophil-Derived Neurotoxin (RNS2) Gene. Blood, 1998, 91, 2126-2132.	1.4	42
111	Cytokine-induced inside-out activation of FcÎ±R (CD89) is mediated by a single serine residue (S263) in the intracellular domain of the receptor. Blood, 2001, 97, 3478-3483.	1.4	42
112	Biomarkers of therapy responsiveness in asthma: pitfalls and promises. Clinical and Experimental Allergy, 2011, 41, 615-629.	2.9	42
113	Expression of priming-associated cellular markers on neutrophils during an exacerbation of COPD. Respiratory Medicine, 2006, 100, 1791-1799.	2.9	41
114	Modulation of the innate immune response after trauma visualised by a change in functional PMN phenotype. Injury, 2009, 40, 851-855.	1.7	41
115	Src kinases regulate PKB activation and modulate cytokine and chemoattractant-controlled neutrophil functioning. Journal of Leukocyte Biology, 2002, 71, 115-24.	3.3	41
116	Relative contributions of human types 1 and 2 T-helper cell-derived eosinophilotrophic cytokines to development of eosinophilia. Blood, 1993, 82, 1471-1479.	1.4	40
117	Characterization of the role of CaMKI-like kinase (CKLiK) in human granulocyte function. Blood, 2005, 106, 1076-1083.	1.4	40
118	Systemic eosinophil response induced by respiratory syncytial virus. Clinical and Experimental Immunology, 2006, 144, 409-417.	2.6	40
119	Expression of activated FcÎ³RII discriminates between multiple granulocyte-priming phenotypes in peripheral blood of allergic asthmatic subjects. Journal of Allergy and Clinical Immunology, 2007, 120, 1073-1081.	2.9	40
120	Neutrophil-mediated Suppression of Influenza-induced Pathology Requires CD11b/CD18 (MAC-1). American Journal of Respiratory Cell and Molecular Biology, 2018, 58, 492-499.	2.9	40
121	Neutrophil Adhesion to Fibrinogen and Fibrin Under Flow Conditions Is Diminished by Activation and L-Selectin Shedding. Blood, 1997, 89, 2131-2138.	1.4	39
122	Insulin activates Stat3 independently of p21ras-ERK and PI-3K signal transduction. Oncogene, 1997, 15, 2529-2539.	5.9	39
123	Differential Activation of Functionally Distinct STAT5 Proteins by ILâ€5 and GMâ€CSF During Eosinophil and Neutrophil Differentiation from Human CD34 ⁺ Hematopoietic Stem Cells. Stem Cells, 1998, 16, 397-403.	3.2	39
124	Reversal of Sepsisâ€Like Features of Neutrophils by Interleukinâ€1 Blockade in Patients With Systemicâ€Onset Juvenile Idiopathic Arthritis. Arthritis and Rheumatology, 2018, 70, 943-956.	5.6	39
125	Inside-Out Control of Fc-Receptors. Frontiers in Immunology, 2019, 10, 544.	4.8	39
126	Down modulation of L-Selectin expression on eosinophils recovered from bronchoalveolar lavage fluid after allergen provocation. Clinical and Experimental Allergy, 1993, 23, 196-204.	2.9	38

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127	IL-8 Induces a Transient Arrest of Rolling Eosinophils on Human Endothelial Cells. Journal of Immunology, 2001, 166, 588-595.	0.8	37
128	Early decreased neutrophil responsiveness is related to late onset sepsis in multitrauma patients: An international cohort study. PLoS ONE, 2017, 12, e0180145.	2.5	37
129	C1-esterase inhibitor attenuates the inflammatory response during human endotoxemia. Critical Care Medicine, 2010, 38, 2139-2145.	0.9	36
130	Postinjury immune monitoring: can multiple organ failure be predicted?. Current Opinion in Critical Care, 2008, 14, 666-672.	3.2	35
131	Identification and characterization of CKLiK, a novel granulocyte Ca++/calmodulin-dependent kinase. Blood, 2000, 96, 3215-3223.	1.4	35
132	Activation of 12-O-Tetradecanoylphorbol-13-acetate Response Element- and Dyad Symmetry Element-dependent Transcription by Interleukin-5 Is Mediated by Jun N-terminal Kinase/Stress-activated Protein Kinase Kinases. Journal of Biological Chemistry, 1997, 272, 2319-2325.	3.4	34
133	Advanced glycation end products in the skin are enhanced in COPD. Metabolism: Clinical and Experimental, 2014, 63, 1149-1156.	3.4	34
134	Neutrophils Inhibit Synthesis of Mineralized Extracellular Matrix by Human Bone Marrow-Derived Stromal Cells In Vitro. Frontiers in Immunology, 2018, 9, 945.	4.8	34
135	A critical role for PI 3-kinase in cytokine-induced FcÎ±-receptor activation. Blood, 2000, 95, 2037-2043.	1.4	33
136	Pharmacogenetics of anti-inflammatory treatment in children with asthma: rationale and design of the PACMAN cohort. Pharmacogenomics, 2009, 10, 1351-1361.	1.3	33
137	Acute and chronic inflammatory responses induced by smoking in individuals susceptible and non-susceptible to development of COPD: from specific disease phenotyping towards novel therapy. Protocol of a cross-sectional study. BMJ Open, 2013, 3, e002178.	1.9	33
138	Immature Neutrophils Released in Acute Inflammation Exhibit Efficient Migration despite Incomplete Segmentation of the Nucleus. Journal of Immunology, 2019, 202, 207-217.	0.8	33
139	Response: The in vivo half-life of human neutrophils. Blood, 2011, 117, 6053-6054.	1.4	32
140	Impaired bone healing in multitrauma patients is associated with altered leukocyte kinetics after major trauma. Journal of Inflammation Research, 2016, 9, 69.	3.5	32
141	Automated flow cytometry enables high performance point-of-care analysis of leukocyte phenotypes. Journal of Immunological Methods, 2019, 474, 112646.	1.4	32
142	Monitoring of neutrophil priming in whole blood by antibodies isolated from a synthetic phage antibody library. Journal of Leukocyte Biology, 2000, 68, 58-64.	3.3	32
143	ABERRANT REGULATION OF POLYMORPHONUCLEAR PHAGOCYTE RESPONSIVENESS IN MULTITRAUMA PATIENTS. Shock, 2006, 26, 558-564.	2.1	31
144	Differential fMet-Leu-Phe- and Platelet-activating Factor-induced Signaling Toward Ral Activation in Primary Human Neutrophils. Journal of Biological Chemistry, 1999, 274, 21847-21852.	3.4	30

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145	IL-5-mediated eosinophil survival requires inhibition of GSK-3 and correlates with Î²-catenin relocalization. Journal of Leukocyte Biology, 2006, 80, 186-195.	3.3	30
146	Cloning and characterization of Fc alpha Rb, a novel Fc alpha receptor (CD89) isoform expressed in eosinophils and neutrophils. Blood, 1996, 88, 4229-4238.	1.4	30
147	1,2-Diacylglycerol accumulation in human neutrophils does not correlate with respiratory burst activation. FEBS Letters, 1989, 243, 399-403.	2.8	29
148	Isolated blunt chest injury leads to transient activation of circulating neutrophils. European Journal of Trauma and Emergency Surgery, 2011, 37, 177-184.	1.7	29
149	Steroids induce a disequilibrium of secreted interleukin-1 receptor antagonist and interleukin-1Â synthesis by human neutrophils. European Respiratory Journal, 2011, 37, 406-415.	6.7	29
150	Similar activation state of neutrophils in sputum of asthma patients irrespective of sputum eosinophilia. Clinical and Experimental Immunology, 2015, 182, 204-212.	2.6	29
151	Cloning and characterization of Fc alpha Rb, a novel Fc alpha receptor (CD89) isoform expressed in eosinophils and neutrophils. Blood, 1996, 88, 4229-4238.	1.4	28
152	Abrogation of NF-Î²B signaling in human neutrophils induces neutrophil survival through sustained p38-MAPK activation. Journal of Leukocyte Biology, 2010, 88, 655-664.	3.3	28
153	Homology in Systemic Neutrophil Response Induced by Human Experimental Endotoxemia and by Trauma. Shock, 2012, 37, 145-151.	2.1	28
154	Modulation of granulocyte kinetics by GM-CSF/IFN-Î³ in a human LPS rechallenge model. Journal of Leukocyte Biology, 2013, 94, 513-520.	3.3	28
155	Pharmacogenetic analysis of GLCCI1 in three north European pediatric asthma populations with a reported use of inhaled corticosteroids. Pharmacogenomics, 2014, 15, 799-806.	1.3	28
156	Platelet-activating factor (PAF) acts as an intercellular messenger in the changes of cytosolic free Ca2+in human neutrophils induced by opsonized particles. FEBS Letters, 1989, 259, 209-212.	2.8	27
157	Characteristics of CR3-mediated aggregation in human eosinophils: Effect of priming by platelet-activating factor. Journal of Allergy and Clinical Immunology, 1991, 87, 947-954.	2.9	27
158	Minimal Platelet Deposition and Activation in Models of Injured Vessel Wall Ensure Optimal Neutrophil Adhesion Under Flow Conditions. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 1549-1554.	2.4	27
159	Role of Ca2+/calmodulin regulated signaling pathways in chemoattractant induced neutrophil effector functions. FEBS Journal, 2002, 269, 4625-4634.	0.2	27
160	Inside-Out Regulation of FcÎ±RI (CD89) Depends on PP2A. Journal of Immunology, 2008, 181, 4080-4088.	0.8	27
161	Increased activation of blood neutrophils after cigarette smoking in young individuals susceptible to COPD. Respiratory Research, 2014, 15, 121.	3.6	27
162	Bronchial and cutaneous responses in atopic dermatitis patients after allergen inhalation challenge. Clinical and Experimental Allergy, 1997, 27, 1043-1051.	2.9	26

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163	CT-Based Local Distribution Metric Improves Characterization of COPD. Scientific Reports, 2017, 7, 2999.	3.3	26
164	<scp>IL</scp>â€3 upâ€regulates and activates human eosinophil <scp>CD</scp>32 and Î±MÎ²2 integrin causing degranulation. Clinical and Experimental Allergy, 2017, 47, 488-498.	2.9	26
165	Differentiation and activation of eosinophils in the human bone marrow during experimental human endotoxemia. Journal of Leukocyte Biology, 2020, 108, 1665-1671.	3.3	26
166	Kinetics of Neutrophil Subsets in Acute, Subacute, and Chronic Inflammation. Frontiers in Immunology, 2021, 12, 674079.	4.8	26
167	Bronchial and skin reactivity in asthmatic patients with and without atopic dermatitis. European Respiratory Journal, 1997, 10, 1033-1040.	6.7	25
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