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	Comprehensive multivariate evaluation of the effects on cell phenotypes in multicolor flow cytometry data using ANOVA simultaneous component analysis. Journal of Chemometrics, 2023, 37, .	1.3	0
2	Standardized porcine unilateral femoral nailing is associated with changes in PMN activation status, rather than aberrant systemic PMN prevalence. European Journal of Trauma and Emergency Surgery, 2022, 48, 1601-1611.	1.7	1
3	Transformation of multicolour flow cytometry data with <scp>OTflow</scp> prevents misleading multivariate analysis results and incorrect immunological conclusions. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, 101, 72-85.	1.5	7
4	Three encephalitis-causing amoebae and their distinct interactions with the host. Trends in Parasitology, 2022, 38, 230-245.	3.3	8
5	The journey of neutropoiesis: how complex landscapes in bone marrow guide continuous neutrophil lineage determination. Blood, 2022, , .	1.4	6
6	Shift of Neutrophils From Blood to Bone Marrow Upon Extensive Experimental Trauma Surgery. Frontiers in Immunology, 2022, 13, .	4.8	0
7	Instant intra-operative neutropenia despite the emergence of banded (CD16dim/CD62Lbright) neutrophils in peripheral blood - An observational study during extensive trauma-surgery in pigs. Injury, 2021, 52, 426-433.	1.7	5
8	Monitoring eosinophils to guide therapy with biologics in asthma: does the compartment matter?. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1294-1297.	5.7	13
9	Eosinophilic inflammation in COPD: from an inflammatory marker to a treatable trait. Thorax, 2021, 76, 188-195.	5.6	73
10	Analysis of human neutrophil phenotypes as biomarker to monitor exercise-induced immune changes. Journal of Leukocyte Biology, 2021, 109, 833-842.	3.3	9
11	An increase in CD62L^{dim} neutrophils precedes the development of pulmonary embolisms in COVIDâ€19 patients. Scandinavian Journal of Immunology, 2021, 93, e13023.	2.7	10
12	Refractory neutrophils and monocytes in patients with inflammatory bowel disease after repeated bouts of prolonged exercise. Cytometry Part B - Clinical Cytometry, 2021, 100, 676-682.	1.5	6
13	Cytokine receptor clustering in sensory neurons with an engineered cytokine fusion protein triggers unique pain resolution pathways. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	22
14	Thrombotic Events in COVID-19 Are Associated With a Lower Use of Prophylactic Anticoagulation Before Hospitalization and Followed by Decreases in Platelet Reactivity. Frontiers in Medicine, 2021, 8, 650129.	2.6	9
15	The Systemic Immune Response in COVID-19 Is Associated with a Shift to Formyl-Peptide Unresponsive Eosinophils. Cells, 2021, 10, 1109.	4.1	11
16	Kinetics of Neutrophil Subsets in Acute, Subacute, and Chronic Inflammation. Frontiers in Immunology, 2021, 12, 674079.	4.8	26
17	Science and the social media: Time for a reset. European Journal of Clinical Investigation, 2021, 51, e13643.	3.4	1
18	Differential effects of short- and long-term treatment with mepolizumab on eosinophil kinetics in blood and sputum in eosinophilic asthma. IScience, 2021, 24, 102913.	4.1	11

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19	Flow cytometric evaluation of the neutrophil compartment in COVID-19 at hospital presentation: A normal response to an abnormal situation. Journal of Leukocyte Biology, 2021, 109, 99-114.	3.3	19
20	Serum Biomarker Profile Including CCL1, CXCL10, VEGF, and Adenosine Deaminase Activity Distinguishes Active From Remotely Acquired Latent Tuberculosis. Frontiers in Immunology, 2021, 12, 725447.	4.8	25
21	Repetitive Immune-Mediated Noninfectious Endocarditis Necessitating 5 Mitral Valve Replacements. JACC: Case Reports, 2021, 3, 1483-1488.	0.6	1
22	Characterization of the phenotype of human eosinophils and their progenitors in the bone marrow of healthy individuals. Haematologica, 2020, 105, e52-e56.	3.5	17
23	A dominant activating RAC2 variant associated with immunodeficiency and pulmonary disease. Clinical Immunology, 2020, 212, 108248.	3.2	15
24	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
25	Point-of-Care Analysis of Neutrophil Phenotypes: A First Step Toward Immuno-Based Precision Medicine in the Trauma ICU. , 2020, 2, e0158.		24
26	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. PLoS ONE, 2020, 15, e0236596.	2.5	5
27	On the origin of low-density neutrophils. Journal of Leukocyte Biology, 2020, 107, 809-818.	3.3	90
28	Recognizing the mobilization of neutrophils with banded nuclei early after trauma. International Journal of Laboratory Hematology, 2020, 42, e224-e227.	1.3	5
29	Multi-set Pre-processing of Multicolor Flow Cytometry Data. Scientific Reports, 2020, 10, 9716.	3.3	2
30	Persistent Inflammation, Immunosuppression and Catabolism Syndrome (PICS) after Polytrauma: A Rare Syndrome with Major Consequences. Journal of Clinical Medicine, 2020, 9, 191.	2.4	23
31	New automated analysis to monitor neutrophil function point-of-care in the intensive care unit after trauma. Intensive Care Medicine Experimental, 2020, 8, 12.	1.9	8
32	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
33	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
34	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
35	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
36	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0

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37	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. , 2020, 15, e0236596.		0
38	A Rise in Neutrophil Cell Size Precedes Organ Dysfunction After Trauma. Shock, 2019, 51, 439-446.	2.1	18
39	Automated flow cytometry enables high performance point-of-care analysis of leukocyte phenotypes. Journal of Immunological Methods, 2019, 474, 112646.	1.4	32
40	Neutrophil Heterogeneity in Cancer: From Biology to Therapies. Frontiers in Immunology, 2019, 10, 2155.	4.8	110
41	A novel data fusion method for the effective analysis of multiple panels of flow cytometry data. Scientific Reports, 2019, 9, 6777.	3.3	10
42	Neutrophil heterogeneity and its role in infectious complications after severe trauma. World Journal of Emergency Surgery, 2019, 14, 24.	5.0	45
43	The Neutrophil Life Cycle. Trends in Immunology, 2019, 40, 584-597.	6.8	265
44	Intracellular Penetration and Effects of Antibiotics on Staphylococcus aureus Inside Human Neutrophils: A Comprehensive Review. Antibiotics, 2019, 8, 54.	3.7	54
45	Common Infections and Target Organs Associated with Chronic Granulomatous Disease in Iran. International Archives of Allergy and Immunology, 2019, 179, 62-73.	2.1	24
46	Inside-Out Control of Fc-Receptors. Frontiers in Immunology, 2019, 10, 544.	4.8	39
47	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
48	FcÎ±RI Dynamics Are Regulated by GSK-3 and PKCÎ¶ During Cytokine Mediated Inside-Out Signaling. Frontiers in Immunology, 2019, 9, 3191.	4.8	13
49	Submaximal heart rate seems inadequate to prescribe and monitor intensified training. European Journal of Sport Science, 2019, 19, 1082-1091.	2.7	5
50	The Effect of Helminths on Granulocyte Activation: A Cluster-Randomized Placebo-Controlled Trial in Indonesia. Journal of Infectious Diseases, 2019, 219, 1474-1482.	4.0	3
51	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
52	Trovafloxacin-Induced Liver Injury: Lack in Regulation of Inflammation by Inhibition of Nucleotide Release and Neutrophil Movement. Toxicological Sciences, 2019, 167, 385-396.	3.1	13
53	Serum from the Human Fracture Hematoma Contains a Potent Inducer of Neutrophil Chemotaxis. Inflammation, 2018, 41, 1084-1092.	3.8	11
54	Neutrophil phenotypes in health and disease. European Journal of Clinical Investigation, 2018, 48, e12943.	3.4	84

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55	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
56	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
57	A fieldâ€applicable method for flow cytometric analysis of granulocyte activation: Cryopreservation of fixed granulocytes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2018, 93, 540-547.	1.5	15
58	Changes in Choice Reaction Time During and After 8 Days Exhaustive Cycling Are Not Related to Changes in Physical Performance. International Journal of Sports Physiology and Performance, 2018, 13, 428-433.	2.3	5
59	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
60	Update on Neutrophil Function in Severe Inflammation. Frontiers in Immunology, 2018, 9, 2171.	4.8	283
61	Multi-dimensional flow cytometry analysis reveals increasing changes in the systemic neutrophil compartment during seven consecutive days of endurance exercise. PLoS ONE, 2018, 13, e0206175.	2.5	14
62	A comprehensive three-dimensional assay to assess neutrophil defense against bacteria. Journal of Immunological Methods, 2018, 462, 83-90.	1.4	7
63	Differential antibacterial control by neutrophil subsets. Blood Advances, 2018, 2, 1344-1355.	5.2	70
64	Automated flow cytometric identification of disease-specific cells by the ECLIPSE algorithm. Scientific Reports, 2018, 8, 10907.	3.3	10
65	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
66	The Microenvironment in Barrettâ€™s Esophagus Tissue Is Characterized by High FOXP3 and RALDH2 Levels. Frontiers in Immunology, 2018, 9, 1375.	4.8	8
67	An increase in myeloid cells after severe injury is associated with normal fracture healing: a retrospective study of 62 patients with a femoral fracture. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 89, 585-590.	3.3	4
68	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
69	Neutrophil subset responses in infants with severe viral respiratory infection. Clinical Immunology, 2017, 176, 100-106.	3.2	52
70	Similar change in platelets and leucocytes 24â€‰h after injury is associated with septic shock a week later. ANZ Journal of Surgery, 2017, 87, 190-194.	0.7	3
71	The lung is a host defense niche for immediate neutrophil-mediated vascular protection. Science Immunology, 2017, 2, .	11.9	153
72	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

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73	CT-Based Local Distribution Metric Improves Characterization of COPD. Scientific Reports, 2017, 7, 2999.	3.3	26
74	<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
75	Diagnosing eosinophilic asthma using a multivariate prediction model based on blood granulocyte responsiveness. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1202-1211.	5.7	21
76	Novel data analysis method for multicolour flow cytometry links variability of multiple markers on single cells to a clinical phenotype. Scientific Reports, 2017, 7, 5471.	3.3	20
77	Circulatory and maturation kinetics of human monocyte subsets in vivo. Blood, 2017, 130, 1474-1477.	1.4	61
78	Proteomic profiling of peripheral blood neutrophils identifies two inflammatory phenotypes in stable COPD patients. Respiratory Research, 2017, 18, 100.	3.6	18
79	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
80	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
81	Neutrophil Functional Heterogeneity: Identification of Competitive Phagocytosis. Frontiers in Immunology, 2017, 8, 1498.	4.8	53
82	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
83	Eosinophilic COPD: a Separate Disease Phenotype Warranting Specific Treatment. Tanaffos, 2017, 16, S21.	0.5	0
84	Neutrophil Priming in COPD Patients by Bronchitis Visualized by CT-Scans. Tanaffos, 2017, 16, S20.	0.5	0
85	Eosinophilic COPD: a Separate Disease Phenotype Warranting Specific Treatment. Tanaffos, 2017, 16, S25.	0.5	0
86	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
87	The role of neutrophils in immune dysfunction during severe inflammation. Critical Care, 2016, 20, 73.	5.8	199
88	Advanced glycation endproducts and their receptor in different body compartments in COPD. Respiratory Research, 2016, 17, 46.	3.6	49
89	Neutrophils contribute to fracture healing by synthesizing fibronectin + extracellular matrix rapidly after injury. Clinical Immunology, 2016, 164, 78-84.	3.2	72
90	FLOOD: FLow cytometric Orthogonal Orientation for Diagnosis. Chemometrics and Intelligent Laboratory Systems, 2016, 151, 126-135.	3.5	9

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91	Genetic variation in uncontrolled childhood asthma despite ICS treatment. Pharmacogenomics Journal, 2016, 16, 158-163.	2.0	16
92	Invasive surgery reduces infarct size and preserves cardiac function in a porcine model of myocardial infarction. Journal of Cellular and Molecular Medicine, 2015, 19, 2655-2663.	3.6	11
93	Phenotyping asthma using an unsupervised prediction model based on blood granulocyte responsiveness. Clinical and Translational Allergy, 2015, 5, O2.	3.2	0
94	Similar activation of sputum granulocytes in eosinophilic and nonâ€eosinophilic asthma. Clinical and Translational Allergy, 2015, 5, O8.	3.2	1
95	Asthmatic children that are uncontrolled despite inhaled corticosteroids have a distinct breathprint (the pacman2 study). Clinical and Translational Allergy, 2015, 5, O6.	3.2	1
96	Preoperative protein profiles in cerebrospinal fluid in elderly hip fracture patients at risk for delirium: A proteomics and validation study. BBA Clinical, 2015, 4, 115-122.	4.1	18
97	The Impact of Intramedullary Nailing of Tibia Fractures on the Innate Immune System. Shock, 2015, 44, 209-214.	2.1	8
98	How Neutrophils Shape Adaptive Immune Responses. Frontiers in Immunology, 2015, 6, 471.	4.8	201
99	ST13 polymorphisms and their effect on exacerbations in steroidâ€treated asthmatic children and young adults. Clinical and Experimental Allergy, 2015, 45, 1051-1059.	2.9	19
100	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
101	Elevated mean neutrophil volume represents altered neutrophil composition and reflects damage after myocardial infarction. Basic Research in Cardiology, 2015, 110, 58.	5.9	20
102	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
103	Asthmatic children that are uncontrolled despite inhaled corticosteroids have a distinct breathprint: Results of the PACMAN2 study. , 2015, , .		1
104	Squamous Tissue Lymphocytes in the Esophagus of Controls and Patients with Reflux Esophagitis and Barrettâ€™s Esophagus Are Characterized by a Non-Inflammatory Phenotype. PLoS ONE, 2014, 9, e106261.	2.5	10
105	P650Invasive surgery reduces infarct size in a porcine model of myocardial infarction. Cardiovascular Research, 2014, 103, S118.4-S118.	3.8	0
106	Increased activation of blood neutrophils after cigarette smoking in young individuals susceptible to COPD. Respiratory Research, 2014, 15, 121.	3.6	27
107	The innate immune response. Immunology Letters, 2014, 162, 95-102.	2.5	55
108	Postoperative delirium in elderly hip fracture patients: Preoperative CSF proteome suggests a neuroinflammatory response. Journal of Neuroimmunology, 2014, 275, 177-178.	2.3	0

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109	The systemic immune response to trauma: an overview of pathophysiology and treatment. Lancet, The, 2014, 384, 1455-1465.	13.7	607
110	Future treatment in patients with chronic obstructive pulmonary disease: To reverse or not to reverse steroid resistanceâ€"that is the question. Journal of Allergy and Clinical Immunology, 2014, 134, 323-324.	2.9	5
111	Advanced glycation end products in the skin are enhanced in COPD. Metabolism: Clinical and Experimental, 2014, 63, 1149-1156.	3.4	34
112	Penetrating thorax injury leads to mild systemic activation of neutrophils without inflammatory complications. Injury, 2014, 45, 522-527.	1.7	6
113	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
114	P159Early changes in neutrophil morphology predict myocardial damage after myocardial infarction. Cardiovascular Research, 2014, 103, S28.2-S28.	3.8	0
115	Lower Corticosteroid Skin Blanching Response Is Associated with Severe COPD. PLoS ONE, 2014, 9, e91788.	2.5	6
116	Cerebral ischemia initiates an immediate innate immune response in neonates during cardiac surgery. Journal of Neuroinflammation, 2013, 10, 24.	7.2	48
117	Identification of inflammatory phenotypes of asthma by blood analysis and clinical parameters. Clinical and Translational Allergy, 2013, 3, O9.	3.2	0
118	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
119	Inflammatory phenotypes underlying uncontrolled childhood asthma despite inhaled corticosteroid treatment: rationale and design of the PACMAN2 study. BMC Pediatrics, 2013, 13, 94.	1.7	2
120	Mechanical ventilation is the determining factor in inducing an inflammatory response in a hemorrhagic shock model. Journal of Surgical Research, 2013, 180, 125-132.	1.6	13
121	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
122	Gelsolin expression increases Î²₁â€integrin affinity and L1210 cell adhesion. Cytoskeleton, 2013, 70, 385-393.	2.0	7
123	Mechanical ventilation increases the inflammatory response induced by lung contusion. Journal of Surgical Research, 2013, 183, 377-384.	1.6	16
124	Acute-phase concentrations of soluble fibrinogen inhibit neutrophil adhesion under flow conditions inÂvitro through interactions with ICAM-1 and MAC-1 (CD11b/CD18). Journal of Thrombosis and Haemostasis, 2013, 11, 1172-1182.	3.8	19
125	What's your age again? Determination of human neutrophil half-lives revisited. Journal of Leukocyte Biology, 2013, 94, 595-601.	3.3	219
126	Kinetics of the Innate Immune Response After Trauma. Shock, 2013, 40, 21-27.	2.1	55

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127	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
128	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
129	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
130	Lipopolysaccharide and hemorrhagic shock cause systemic inflammation by different mechanisms. Journal of Trauma and Acute Care Surgery, 2013, 74, 37-44.	2.1	14
131	Clinical utility of asthma biomarkers: from bench to bedside. Biologics: Targets and Therapy, 2013, 7, 199.	3.2	64
132	Cigarette Smoke-Induced Collagen Destruction; Key to Chronic Neutrophilic Airway Inflammation?. PLoS ONE, 2013, 8, e55612.	2.5	52
133	IFN-Î³-Stimulated Neutrophils Suppress Lymphocyte Proliferation through Expression of PD-L1. PLoS ONE, 2013, 8, e72249.	2.5	173
134	Physiological Concentrations of Leptin Do Not Affect Human Neutrophils. PLoS ONE, 2013, 8, e73170.	2.5	15
135	Immunophenotyping of Posttraumatic Neutrophils on a Routine Haematology Analyser. Mediators of Inflammation, 2012, 2012, 1-6.	3.0	18
136	Homology in Systemic Neutrophil Response Induced by Human Experimental Endotoxemia and by Trauma. Shock, 2012, 37, 145-151.	2.1	28
137	Human suppressive neutrophils CD16bright/CD62Ldim exhibit decreased adhesion. Journal of Leukocyte Biology, 2012, 92, 1011-1020.	3.3	65
138	The Immune Cell Composition in Barrett's Metaplastic Tissue Resembles That in Normal Duodenal Tissue. PLoS ONE, 2012, 7, e33899.	2.5	15
139	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
140	Exhaled NO is a poor marker of asthma control in children with a reported use of asthma medication: a pharmacyâ€based study. Pediatric Allergy and Immunology, 2012, 23, 529-536.	2.6	24
141	Systemic inflammation and fracture healing. Journal of Leukocyte Biology, 2011, 89, 669-673.	3.3	152
142	GM-CSF and TNFÎ± modulate protein expression of human neutrophils visualized by fluorescence two-dimensional difference gel electrophoresis. Cytokine, 2011, 56, 422-429.	3.2	4
143	Immunotherapy after trauma: timing is essential. Current Opinion in Anaesthesiology, 2011, 24, 219-223.	2.0	13
144	Response: The in vivo half-life of human neutrophils. Blood, 2011, 117, 6053-6054.	1.4	32

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145	Limited agreement between current and longâ€term asthma control in children: the PACMAN cohort study. Pediatric Allergy and Immunology, 2011, 22, 776-783.	2.6	16
146	Biomarkers of therapy responsiveness in asthma: pitfalls and promises. Clinical and Experimental Allergy, 2011, 41, 615-629.	2.9	42
147	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
148	A unique protein profile of peripheral neutrophils from COPD patients does not reflect cytokine-induced protein profiles of neutrophils in vitro. BMC Pulmonary Medicine, 2011, 11, 44.	2.0	11
149	The effect of C1-esterase inhibitor on systemic inflammation in trauma patients with a femur fracture - The CAESAR study: study protocol for a randomized controlled trial. Trials, 2011, 12, 223.	1.6	16
150	Intramedullary nailing of the femur and the systemic activation of monocytes and neutrophils. World Journal of Emergency Surgery, 2011, 6, 34.	5.0	19
151	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
152	C1-esterase inhibitor attenuates the inflammatory response during human endotoxemia. Critical Care Medicine, 2010, 38, 2139-2145.	0.9	36
153	Integrins on neutrophils are dispensable for migration into three-dimensional fibrin gels. Thrombosis and Haemostasis, 2010, 104, 599-608.	3.4	11
154	Abrogation of NF-Îºb signaling in human neutrophils induces neutrophil survival through sustained p38-MAPK activation. Journal of Leukocyte Biology, 2010, 88, 655-664.	3.3	28
155	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
156	In vivo labeling with 2H2O reveals a human neutrophil lifespan of 5.4 days. Blood, 2010, 116, 625-627.	1.4	667
157	Functional heterogeneity and differential priming of circulating neutrophils in human experimental endotoxemia. Journal of Leukocyte Biology, 2010, 88, 211-220.	3.3	202
158	Modulation of the innate immune response after trauma visualised by a change in functional PMN phenotype. Injury, 2009, 40, 851-855.	1.7	41
159	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
160	A 2D-DIGE Approach To Identify Proteins Involved in Inside-Out Control of Integrins. Journal of Proteome Research, 2009, 8, 3824-3833.	3.7	23
161	Pharmacogenetics of anti-inflammatory treatment in children with asthma: rationale and design of the PACMAN cohort. Pharmacogenomics, 2009, 10, 1351-1361.	1.3	33
162	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

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163	Functional antagonism by GM-CSF on TNF-Î±-induced CD83 expression in human neutrophils. Molecular Immunology, 2008, 46, 91-96.	2.2	8
164	Comment on â€œNeutrophil Apoptosis: Selective Regulation by Different Ligands of Integrin Î±MÎ²2â€• Journal of Immunology, 2008, 181, 8187.1-8187.	0.8	1
165	Inside-Out Regulation of FcÎ±RI (CD89) Depends on PP2A. Journal of Immunology, 2008, 181, 4080-4088.	0.8	27
166	Homeostatic Intracellular-Free Ca2+ Is Permissive for Rap1-Mediated Constitutive Activation of Î±4 Integrins on Eosinophils. Journal of Immunology, 2008, 180, 5512-5519.	0.8	10
167	Adalimumab-induced bronchospasm: not a class effect. Thorax, 2008, 63, 472-473.	5.6	7
168	Protein kinase B (c-akt) regulates hematopoietic lineage choice decisions during myelopoiesis. Blood, 2008, 111, 112-121.	1.4	62
169	Postinjury immune monitoring: can multiple organ failure be predicted?. Current Opinion in Critical Care, 2008, 14, 666-672.	3.2	35
170	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
171	Differential regulation of TNFÎ± and GM-CSF induced activation of P38 MAPK in neutrophils and eosinophils. Molecular Immunology, 2007, 44, 2492-2496.	2.2	15
172	Rapid Selective Priming Of FcÎ±R On Eosinophils By Corticosteroids. Journal of Allergy and Clinical Immunology, 2007, 119, S220.	2.9	0
173	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
174	The systemic inflammatory response induced by trauma is reflected by multiple phenotypes of blood neutrophils. Injury, 2007, 38, 1365-1372.	1.7	83
175	Constitutive integrin activation on tumor cells contributes to progression of leptomeningeal metastases1. Neuro-Oncology, 2006, 8, 127-136.	1.2	12
176	Expression of priming-associated cellular markers on neutrophils during an exacerbation of COPD. Respiratory Medicine, 2006, 100, 1791-1799.	2.9	41
177	ABERRANT REGULATION OF POLYMORPHONUCLEAR PHAGOCYTE RESPONSIVENESS IN MULTITRAUMA PATIENTS. Shock, 2006, 26, 558-564.	2.1	31
178	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
179	Trauma: the role of the innate immune system. World Journal of Emergency Surgery, 2006, 1, 15.	5.0	175
180	Systemic eosinophil response induced by respiratory syncytial virus. Clinical and Experimental Immunology, 2006, 144, 409-417.	2.6	40

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