

Leo Koenderman

List of Publications by Year in Descending Order

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Version: 2024-04-27

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

315
papers

14,832
citations

61
h-index

109
g-index

329
ext. papers

16,695
ext. citations

5.3
avg. IF

6.38
L-index

#	Paper	IF	Citations
315	Serum Biomarker Profile Including CCL1, CXCL10, VEGF, and Adenosine Deaminase Activity Distinguishes Active From Remotely Acquired Latent Tuberculosis. <i>Frontiers in Immunology</i> , 2021 , 12, 725447	8.4	5
314	Repetitive Immune-Mediated Noninfectious Endocarditis Necessitating 5 Mitral Valve Replacements. <i>JACC: Case Reports</i> , 2021 , 3, 1483-1488	1.2	0
313	Refractory neutrophils and monocytes in patients with inflammatory bowel disease after repeated bouts of prolonged exercise. <i>Cytometry Part B - Clinical Cytometry</i> , 2021 , 100, 676-682	3.4	1
312	Cytokine receptor clustering in sensory neurons with an engineered cytokine fusion protein triggers unique pain resolution pathways. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	5
311	Thrombotic Events in COVID-19 Are Associated With a Lower Use of Prophylactic Anticoagulation Before Hospitalization and Followed by Decreases in Platelet Reactivity. <i>Frontiers in Medicine</i> , 2021 , 8, 650129	4.9	3
310	The Systemic Immune Response in COVID-19 Is Associated with a Shift to Formyl-Peptide Unresponsive Eosinophils. <i>Cells</i> , 2021 , 10,	7.9	2
309	Kinetics of Neutrophil Subsets in Acute, Subacute, and Chronic Inflammation. <i>Frontiers in Immunology</i> , 2021 , 12, 674079	8.4	4
308	Standardized porcine unilateral femoral nailing is associated with changes in PMN activation status, rather than aberrant systemic PMN prevalence. <i>European Journal of Trauma and Emergency Surgery</i> , 2021 , 1	2.3	0
307	Instant intra-operative neutropenia despite the emergence of banded (CD16/CD62L) neutrophils in peripheral blood - An observational study during extensive trauma-surgery in pigs. <i>Injury</i> , 2021 , 52, 426-433	2.5	3
306	Monitoring eosinophils to guide therapy with biologics in asthma: does the compartment matter?. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 1294-1297	9.3	2
305	Eosinophilic inflammation in COPD: from an inflammatory marker to a treatable trait. <i>Thorax</i> , 2021 , 76, 188-195	7.3	18
304	Analysis of human neutrophil phenotypes as biomarker to monitor exercise-induced immune changes. <i>Journal of Leukocyte Biology</i> , 2021 , 109, 833-842	6.5	3
303	An increase in CD62L neutrophils precedes the development of pulmonary embolisms in COVID-19 patients. <i>Scandinavian Journal of Immunology</i> , 2021 , 93, e13023	3.4	3
302	Differential effects of short- and long-term treatment with mepolizumab on eosinophil kinetics in blood and sputum in eosinophilic asthma. <i>IScience</i> , 2021 , 24, 102913	6.1	2
301	Flow cytometric evaluation of the neutrophil compartment in COVID-19 at hospital presentation: A normal response to an abnormal situation. <i>Journal of Leukocyte Biology</i> , 2021 , 109, 99-114	6.5	6
300	On the origin of low-density neutrophils. <i>Journal of Leukocyte Biology</i> , 2020 , 107, 809-818	6.5	43
299	Recognizing the mobilization of neutrophils with banded nuclei early after trauma. <i>International Journal of Laboratory Hematology</i> , 2020 , 42, e224-e227	2.5	1

298	Multi-set Pre-processing of Multicolor Flow Cytometry Data. <i>Scientific Reports</i> , 2020 , 10, 9716	4.9	2
297	Persistent Inflammation, Immunosuppression and Catabolism Syndrome (PICS) after Polytrauma: A Rare Syndrome with Major Consequences. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	11
296	New automated analysis to monitor neutrophil function point-of-care in the intensive care unit after trauma. <i>Intensive Care Medicine Experimental</i> , 2020 , 8, 12	3.7	6
295	Differentiation and activation of eosinophils in the human bone marrow during experimental human endotoxemia. <i>Journal of Leukocyte Biology</i> , 2020 , 108, 1665-1671	6.5	19
294	Point-of-Care Analysis of Neutrophil Phenotypes: A First Step Toward Immuno-Based Precision Medicine in the Trauma ICU 2020 , 2, e0158		15
293	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness. <i>PLoS ONE</i> , 2020 , 15, e0236596	3.7	2
292	Characterization of the phenotype of human eosinophils and their progenitors in the bone marrow of healthy individuals. <i>Haematologica</i> , 2020 , 105, e52-e56	6.6	7
291	A dominant activating RAC2 variant associated with immunodeficiency and pulmonary disease. <i>Clinical Immunology</i> , 2020 , 212, 108248	9	9
290	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness 2020 , 15, e0236596		
289	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness 2020 , 15, e0236596		
288	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness 2020 , 15, e0236596		
287	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness 2020 , 15, e0236596		
286	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness 2020 , 15, e0236596		
285	Fragile neutrophils in surgical patients: A phenomenon associated with critical illness 2020 , 15, e0236596		
284	Neutrophil Heterogeneity in Cancer: From Biology to Therapies. <i>Frontiers in Immunology</i> , 2019 , 10, 21558.4		74
283	A novel data fusion method for the effective analysis of multiple panels of flow cytometry data. <i>Scientific Reports</i> , 2019 , 9, 6777	4.9	5
282	Neutrophil heterogeneity and its role in infectious complications after severe trauma. <i>World Journal of Emergency Surgery</i> , 2019 , 14, 24	9.2	24
281	The Neutrophil Life Cycle. <i>Trends in Immunology</i> , 2019 , 40, 584-597	14.4	139

280	Intracellular Penetration and Effects of Antibiotics on Inside Human Neutrophils: A Comprehensive Review. <i>Antibiotics</i> , 2019 , 8,	4.9	33
279	Common Infections and Target Organs Associated with Chronic Granulomatous Disease in Iran. <i>International Archives of Allergy and Immunology</i> , 2019 , 179, 62-73	3.7	10
278	Inside-Out Control of Fc-Receptors. <i>Frontiers in Immunology</i> , 2019 , 10, 544	8.4	25
277	Eosinophils capture viruses, a capacity that is defective in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1898-1909	9.3	52
276	A Rise in Neutrophil Cell Size Precedes Organ Dysfunction After Trauma. <i>Shock</i> , 2019 , 51, 439-446	3.4	11
275	Automated flow cytometry enables high performance point-of-care analysis of leukocyte phenotypes. <i>Journal of Immunological Methods</i> , 2019 , 474, 112646	2.5	16
274	Eosinophils and Platelet-Activating Factor 2019 , 297-309		0
273	Submaximal heart rate seems inadequate to prescribe and monitor intensified training. <i>European Journal of Sport Science</i> , 2019 , 19, 1082-1091	3.9	3
272	The Effect of Helminths on Granulocyte Activation: A Cluster-Randomized Placebo-Controlled Trial in Indonesia. <i>Journal of Infectious Diseases</i> , 2019 , 219, 1474-1482	7	3
271	Immature Neutrophils Released in Acute Inflammation Exhibit Efficient Migration despite Incomplete Segmentation of the Nucleus. <i>Journal of Immunology</i> , 2019 , 202, 207-217	5.3	17
270	Trovafloxacin-Induced Liver Injury: Lack in Regulation of Inflammation by Inhibition of Nucleotide Release and Neutrophil Movement. <i>Toxicological Sciences</i> , 2019 , 167, 385-396	4.4	9
269	FcRI Dynamics Are Regulated by GSK-3 and PKC During Cytokine Mediated Inside-Out Signaling. <i>Frontiers in Immunology</i> , 2018 , 9, 3191	8.4	5
268	Serum from the Human Fracture Hematoma Contains a Potent Inducer of Neutrophil Chemotaxis. <i>Inflammation</i> , 2018 , 41, 1084-1092	5.1	7
267	Neutrophil phenotypes in health and disease. <i>European Journal of Clinical Investigation</i> , 2018 , 48 Suppl 2, e12943	4.6	57
266	Immunological and hematological effects of IL-5(R1) targeted therapy: An overview. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1979-1988	9.3	38
265	Reversal of Sepsis-Like Features of Neutrophils by Interleukin-1 Blockade in Patients With Systemic-Onset Juvenile Idiopathic Arthritis. <i>Arthritis and Rheumatology</i> , 2018 , 70, 943-956	9.5	22
264	A field-applicable method for flow cytometric analysis of granulocyte activation: Cryopreservation of fixed granulocytes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2018 , 93, 540-547	4.6	11
263	Changes in Choice Reaction Time During and After 8 Days Exhaustive Cycling Are Not Related to Changes in Physical Performance. <i>International Journal of Sports Physiology and Performance</i> , 2018 , 13, 428-433	3.5	2

262	Automated flow cytometric identification of disease-specific cells by the ECLIPSE algorithm. <i>Scientific Reports</i> , 2018 , 8, 10907	4.9	7
261	Neutrophils Inhibit Synthesis of Mineralized Extracellular Matrix by Human Bone Marrow-Derived Stromal Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 945	8.4	19
260	The Microenvironment in Barrett's Esophagus Tissue Is Characterized by High and Levels. <i>Frontiers in Immunology</i> , 2018 , 9, 1375	8.4	4
259	An increase in myeloid cells after severe injury is associated with normal fracture healing: a retrospective study of 62 patients with a femoral fracture. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018 , 89, 585-590	4.3	1
258	Neutrophil-mediated Suppression of Influenza-induced Pathology Requires CD11b/CD18 (MAC-1). <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018 , 58, 492-499	5.7	26
257	Update on Neutrophil Function in Severe Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 2171	8.4	159
256	Multi-dimensional flow cytometry analysis reveals increasing changes in the systemic neutrophil compartment during seven consecutive days of endurance exercise. <i>PLoS ONE</i> , 2018 , 13, e0206175	3.7	8
255	A comprehensive three-dimensional assay to assess neutrophil defense against bacteria. <i>Journal of Immunological Methods</i> , 2018 , 462, 83-90	2.5	7
254	Differential antibacterial control by neutrophil subsets. <i>Blood Advances</i> , 2018 , 2, 1344-1355	7.8	44
253	Parametric response mapping on chest computed tomography associates with clinical and functional parameters in chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2017 , 123, 48-55	4.6	30
252	Neutrophil subset responses in infants with severe viral respiratory infection. <i>Clinical Immunology</i> , 2017 , 176, 100-106	9	40
251	Similar change in platelets and leucocytes 24 h after injury is associated with septic shock a week later. <i>ANZ Journal of Surgery</i> , 2017 , 87, 190-194	1	3
250	The Lung is a Host Defense Niche for Immediate Neutrophil-Mediated Vascular Protection. <i>Science Immunology</i> , 2017 , 2,	28	96
249	Human CD62L neutrophils identified as a separate subset by proteome profiling and in vivo pulse-chase labeling. <i>Blood</i> , 2017 , 129, 3476-3485	2.2	58
248	CT-Based Local Distribution Metric Improves Characterization of COPD. <i>Scientific Reports</i> , 2017 , 7, 2999	4.9	20
247	IL-3 up-regulates and activates human eosinophil CD32 and α 18 integrin causing degranulation. <i>Clinical and Experimental Allergy</i> , 2017 , 47, 488-498	4.1	19
246	Diagnosing eosinophilic asthma using a multivariate prediction model based on blood granulocyte responsiveness. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2017 , 72, 1202-1211	9.3	16
245	Novel data analysis method for multicolour flow cytometry links variability of multiple markers on single cells to a clinical phenotype. <i>Scientific Reports</i> , 2017 , 7, 5471	4.9	12

244	Circulatory and maturation kinetics of human monocyte subsets in vivo. <i>Blood</i> , 2017 , 130, 1474-1477	2.2	31
243	Proteomic profiling of peripheral blood neutrophils identifies two inflammatory phenotypes in stable COPD patients. <i>Respiratory Research</i> , 2017 , 18, 100	7.3	17
242	Monocyte Subsets Are Differentially Lost from the Circulation during Acute Inflammation Induced by Human Experimental Endotoxemia. <i>Journal of Innate Immunity</i> , 2017 , 9, 464-474	6.9	35
241	Prediction of Functional Overreaching From Subjective Fatigue and Readiness to Train After Only 3 Days of Cycling. <i>International Journal of Sports Physiology and Performance</i> , 2017 , 12, S287-S294	3.5	51
240	Neutrophil Functional Heterogeneity: Identification of Competitive Phagocytosis. <i>Frontiers in Immunology</i> , 2017 , 8, 1498	8.4	28
239	Early decreased neutrophil responsiveness is related to late onset sepsis in multitrauma patients: An international cohort study. <i>PLoS ONE</i> , 2017 , 12, e0180145	3.7	29
238	Eosinophilic COPD: a Separate Disease Phenotype Warranting Specific Treatment. <i>Tanaffos</i> , 2017 , 16, S21	0.5	
237	Neutrophil Priming in COPD Patients by Bronchitis Visualized by CT-Scans. <i>Tanaffos</i> , 2017 , 16, S20	0.5	
236	Eosinophilic COPD: a Separate Disease Phenotype Warranting Specific Treatment. <i>Tanaffos</i> , 2017 , 16, S25	0.5	
235	Genetic variation in uncontrolled childhood asthma despite ICS treatment. <i>Pharmacogenomics Journal</i> , 2016 , 16, 158-63	3.5	15
234	Advanced glycation endproducts and their receptor in different body compartments in COPD. <i>Respiratory Research</i> , 2016 , 17, 46	7.3	37
233	Neutrophils contribute to fracture healing by synthesizing fibronectin+ extracellular matrix rapidly after injury. <i>Clinical Immunology</i> , 2016 , 164, 78-84	9	46
232	FLOOD: FLOW cytometric Orthogonal Orientation for Diagnosis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016 , 151, 126-135	3.8	6
231	Impaired bone healing in multitrauma patients is associated with altered leukocyte kinetics after major trauma. <i>Journal of Inflammation Research</i> , 2016 , 9, 69-78	4.8	21
230	The role of neutrophils in immune dysfunction during severe inflammation. <i>Critical Care</i> , 2016 , 20, 73	10.8	149
229	Similar activation state of neutrophils in sputum of asthma patients irrespective of sputum eosinophilia. <i>Clinical and Experimental Immunology</i> , 2015 , 182, 204-12	6.2	23
228	Invasive surgery reduces infarct size and preserves cardiac function in a porcine model of myocardial infarction. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 2655-63	5.6	11
227	Phenotyping asthma using an unsupervised prediction model based on blood granulocyte responsiveness. <i>Clinical and Translational Allergy</i> , 2015 , 5, O2	5.2	78

226	Similar activation of sputum granulocytes in eosinophilic and non-eosinophilic asthma. <i>Clinical and Translational Allergy</i> , 2015 , 5, O8	5.2	1
225	Asthmatic children that are uncontrolled despite inhaled corticosteroids have a distinct breathprint (the pacman2 study). <i>Clinical and Translational Allergy</i> , 2015 , 5, O6	5.2	1
224	Preoperative protein profiles in cerebrospinal fluid in elderly hip fracture patients at risk for delirium: A proteomics and validation study. <i>BBA Clinical</i> , 2015 , 4, 115-22		13
223	The Impact of Intramedullary Nailing of Tibia Fractures on the Innate Immune System. <i>Shock</i> , 2015 , 44, 209-14	3.4	6
222	How Neutrophils Shape Adaptive Immune Responses. <i>Frontiers in Immunology</i> , 2015 , 6, 471	8.4	135
221	ST13 polymorphisms and their effect on exacerbations in steroid-treated asthmatic children and young adults. <i>Clinical and Experimental Allergy</i> , 2015 , 45, 1051-9	4.1	16
220	Targeting neutrophilic inflammation in severe neutrophilic asthma: can we target the disease-relevant neutrophil phenotype?. <i>Journal of Leukocyte Biology</i> , 2015 , 98, 549-56	6.5	70
219	Elevated mean neutrophil volume represents altered neutrophil composition and reflects damage after myocardial infarction. <i>Basic Research in Cardiology</i> , 2015 , 110, 58	11.8	15
218	The innate immune response. <i>Immunology Letters</i> , 2014 , 162, 95-102	4.1	40
217	The systemic immune response to trauma: an overview of pathophysiology and treatment. <i>Lancet, The</i> , 2014 , 384, 1455-65	40	393
216	Advanced glycation end products in the skin are enhanced in COPD. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 1149-56	12.7	27
215	Penetrating thorax injury leads to mild systemic activation of neutrophils without inflammatory complications. <i>Injury</i> , 2014 , 45, 522-7	2.5	5
214	Pharmacogenetic analysis of GLCCI1 in three north European pediatric asthma populations with a reported use of inhaled corticosteroids. <i>Pharmacogenomics</i> , 2014 , 15, 799-806	2.6	25
213	P159 Early changes in neutrophil morphology predict myocardial damage after myocardial infarction. <i>Cardiovascular Research</i> , 2014 , 103, S28.2-S28	9.9	
212	Squamous tissue lymphocytes in the esophagus of controls and patients with reflux esophagitis and Barrett's esophagus are characterized by a non-inflammatory phenotype. <i>PLoS ONE</i> , 2014 , 9, e106261	2.7	7
211	P650 Invasive surgery reduces infarct size in a porcine model of myocardial infarction. <i>Cardiovascular Research</i> , 2014 , 103, S118.4-S118	9.9	
210	Increased activation of blood neutrophils after cigarette smoking in young individuals susceptible to COPD. <i>Respiratory Research</i> , 2014 , 15, 121	7.3	20
209	Lower corticosteroid skin blanching response is associated with severe COPD. <i>PLoS ONE</i> , 2014 , 9, e91788	3.7	5

208	Cerebral ischemia initiates an immediate innate immune response in neonates during cardiac surgery. <i>Journal of Neuroinflammation</i> , 2013 , 10, 24	10.1	35
207	Identification of inflammatory phenotypes of asthma by blood analysis and clinical parameters. <i>Clinical and Translational Allergy</i> , 2013 , 3, O9	5.2	78
206	Immune suppression by neutrophils and granulocytic myeloid-derived suppressor cells: similarities and differences. <i>Cellular and Molecular Life Sciences</i> , 2013 , 70, 3813-27	10.3	245
205	Inflammatory phenotypes underlying uncontrolled childhood asthma despite inhaled corticosteroid treatment: rationale and design of the PACMAN2 study. <i>BMC Pediatrics</i> , 2013 , 13, 94	2.6	1
204	Mechanical ventilation is the determining factor in inducing an inflammatory response in a hemorrhagic shock model. <i>Journal of Surgical Research</i> , 2013 , 180, 125-32	2.5	13
203	Preoperative cerebrospinal fluid cytokine levels and the risk of postoperative delirium in elderly hip fracture patients. <i>Journal of Neuroinflammation</i> , 2013 , 10, 122	10.1	51
202	Gelsolin expression increases β 1-integrin affinity and L1210 cell adhesion. <i>Cytoskeleton</i> , 2013 , 70, 385-93	2.4	7
201	Mechanical ventilation increases the inflammatory response induced by lung contusion. <i>Journal of Surgical Research</i> , 2013 , 183, 377-84	2.5	16
200	Acute-phase concentrations of soluble fibrinogen inhibit neutrophil adhesion under flow conditions in vitro through interactions with ICAM-1 and MAC-1 (CD11b/CD18). <i>Journal of Thrombosis and Haemostasis</i> , 2013 , 11, 1172-82	15.4	19
199	What's your age again? Determination of human neutrophil half-lives revisited. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 595-601	6.5	171
198	Kinetics of the innate immune response after trauma: implications for the development of late onset sepsis. <i>Shock</i> , 2013 , 40, 21-7	3.4	50
197	Modulation of granulocyte kinetics by GM-CSF/IFN- γ in a human LPS rechallenge model. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 513-20	6.5	20
196	Arg16 ADRB2 genotype increases the risk of asthma exacerbation in children with a reported use of long-acting β -agonists: results of the PACMAN cohort. <i>Pharmacogenomics</i> , 2013 , 14, 1965-71	2.6	40
195	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. <i>BMJ Open</i> , 2013 , 3,	3	32
194	Lipopolysaccharide and hemorrhagic shock cause systemic inflammation by different mechanisms. <i>Journal of Trauma and Acute Care Surgery</i> , 2013 , 74, 37-43; discussion 43-4	3.3	11
193	Clinical utility of asthma biomarkers: from bench to bedside. <i>Biologics: Targets and Therapy</i> , 2013 , 7, 199-210	2.4	56
192	Cigarette smoke-induced collagen destruction; key to chronic neutrophilic airway inflammation?. <i>PLoS ONE</i> , 2013 , 8, e55612	3.7	44
191	IFN- β -stimulated neutrophils suppress lymphocyte proliferation through expression of PD-L1. <i>PLoS ONE</i> , 2013 , 8, e72249	3.7	119

190	Physiological concentrations of leptin do not affect human neutrophils. <i>PLoS ONE</i> , 2013 , 8, e73170	3.7	13
189	Exhaled NO is a poor marker of asthma control in children with a reported use of asthma medication: a pharmacy-based study. <i>Pediatric Allergy and Immunology</i> , 2012 , 23, 529-36	4.2	18
188	Human suppressive neutrophils CD16bright/CD62Ldim exhibit decreased adhesion. <i>Journal of Leukocyte Biology</i> , 2012 , 92, 1011-20	6.5	51
187	The immune cell composition in Barrett's metaplastic tissue resembles that in normal duodenal tissue. <i>PLoS ONE</i> , 2012 , 7, e33899	3.7	12
186	A subset of neutrophils in human systemic inflammation inhibits T cell responses through Mac-1. <i>Journal of Clinical Investigation</i> , 2012 , 122, 327-36	15.9	525
185	Immunophenotyping of posttraumatic neutrophils on a routine haematology analyser. <i>Mediators of Inflammation</i> , 2012 , 2012, 509513	4.3	15
184	Homology in systemic neutrophil response induced by human experimental endotoxemia and by trauma. <i>Shock</i> , 2012 , 37, 145-51	3.4	23
183	Systemic inflammation and fracture healing. <i>Journal of Leukocyte Biology</i> , 2011 , 89, 669-73	6.5	119
182	GM-CSF and TNF α modulate protein expression of human neutrophils visualized by fluorescence two-dimensional difference gel electrophoresis. <i>Cytokine</i> , 2011 , 56, 422-9	4	4
181	Immunotherapy after trauma: timing is essential. <i>Current Opinion in Anaesthesiology</i> , 2011 , 24, 219-23	2.9	11
180	Response: The in vivo half-life of human neutrophils. <i>Blood</i> , 2011 , 117, 6053-6054	2.2	31
179	Limited agreement between current and long-term asthma control in children: the PACMAN cohort study. <i>Pediatric Allergy and Immunology</i> , 2011 , 22, 776-83	4.2	15
178	Biomarkers of therapy responsiveness in asthma: pitfalls and promises. <i>Clinical and Experimental Allergy</i> , 2011 , 41, 615-29	4.1	36
177	Isolated blunt chest injury leads to transient activation of circulating neutrophils. <i>European Journal of Trauma and Emergency Surgery</i> , 2011 , 37, 177-84	2.3	21
176	A unique protein profile of peripheral neutrophils from COPD patients does not reflect cytokine-induced protein profiles of neutrophils in vitro. <i>BMC Pulmonary Medicine</i> , 2011 , 11, 44	3.5	9
175	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. <i>Trials</i> , 2011 , 12, 223	2.8	11
174	Intramedullary nailing of the femur and the systemic activation of monocytes and neutrophils. <i>World Journal of Emergency Surgery</i> , 2011 , 6, 34	9.2	14
173	Steroids induce a disequilibrium of secreted interleukin-1 receptor antagonist and interleukin-1 β synthesis by human neutrophils. <i>European Respiratory Journal</i> , 2011 , 37, 406-15	13.6	26

172	Integrins on neutrophils are dispensable for migration into three-dimensional fibrin gels. <i>Thrombosis and Haemostasis</i> , 2010 , 104, 599-608	7	10
171	Abrogation of NF- κ B signaling in human neutrophils induces neutrophil survival through sustained p38-MAPK activation. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 655-64	6.5	24
170	A systemic neutrophil response precedes robust CD8(+) T-cell activation during natural respiratory syncytial virus infection in infants. <i>Journal of Virology</i> , 2010 , 84, 2374-83	6.6	95
169	In vivo labeling with 2 H $_2$ O reveals a human neutrophil lifespan of 5.4 days. <i>Blood</i> , 2010 , 116, 625-7	2.2	502
168	Functional heterogeneity and differential priming of circulating neutrophils in human experimental endotoxemia. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 211-20	6.5	155
167	C1-esterase inhibitor attenuates the inflammatory response during human endotoxemia. <i>Critical Care Medicine</i> , 2010 , 38, 2139-45	1.4	32
166	Modulation of the innate immune response after trauma visualised by a change in functional PMN phenotype. <i>Injury</i> , 2009 , 40, 851-5	2.5	34
165	Human neutrophils switch to an activated phenotype after homing to the lung irrespective of inflammatory disease. <i>Clinical and Experimental Immunology</i> , 2009 , 155, 559-66	6.2	103
164	A 2D-DIGE approach to identify proteins involved in inside-out control of integrins. <i>Journal of Proteome Research</i> , 2009 , 8, 3824-33	5.6	21
163	Pharmacogenetics of anti-inflammatory treatment in children with asthma: rationale and design of the PACMAN cohort. <i>Pharmacogenomics</i> , 2009 , 10, 1351-61	2.6	30
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. <i>Respiratory Research</i> , 2009 , 10, 47	7.3	48
161	Functional antagonism by GM-CSF on TNF-alpha-induced CD83 expression in human neutrophils. <i>Molecular Immunology</i> , 2008 , 46, 91-6	4.3	8
160	Comment on "Neutrophil apoptosis: selective regulation by different ligands of integrin alpha M beta 2". <i>Journal of Immunology</i> , 2008 , 181, 8187; author reply 8187-8	5.3	1
159	Inside-out regulation of Fc alpha RI (CD89) depends on PP2A. <i>Journal of Immunology</i> , 2008 , 181, 4080-8	5.3	23
158	Homeostatic intracellular-free Ca $^{2+}$ is permissive for Rap1-mediated constitutive activation of alpha4 integrins on eosinophils. <i>Journal of Immunology</i> , 2008 , 180, 5512-9	5.3	9
157	Adalimumab-induced bronchospasm: not a class effect. <i>Thorax</i> , 2008 , 63, 472-3	7.3	4
156	Protein kinase B (c-akt) regulates hematopoietic lineage choice decisions during myelopoiesis. <i>Blood</i> , 2008 , 111, 112-21	2.2	57
155	Postinjury immune monitoring: can multiple organ failure be predicted?. <i>Current Opinion in Critical Care</i> , 2008 , 14, 666-72	3.5	28

154	Expression of activated Fc gamma RII discriminates between multiple granulocyte-priming phenotypes in peripheral blood of allergic asthmatic subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 1073-81	11.5	36
153	The systemic inflammatory response induced by trauma is reflected by multiple phenotypes of blood neutrophils. <i>Injury</i> , 2007 , 38, 1365-72	2.5	68
152	FOXO3a induces differentiation of Bcr-Abl-transformed cells through transcriptional down-regulation of Id1. <i>Journal of Biological Chemistry</i> , 2007 , 282, 2211-20	5.4	68
151	Differential regulation of TNFalpha and GM-CSF induced activation of P38 MAPK in neutrophils and eosinophils. <i>Molecular Immunology</i> , 2007 , 44, 2492-6	4.3	15
150	IL-5-mediated eosinophil survival requires inhibition of GSK-3 and correlates with beta-catenin relocalization. <i>Journal of Leukocyte Biology</i> , 2006 , 80, 186-95	6.5	27
149	Rapid selective priming of FcalphaR on eosinophils by corticosteroids. <i>Journal of Immunology</i> , 2006 , 177, 6108-14	5.3	13
148	Constitutive integrin activation on tumor cells contributes to progression of leptomeningeal metastases. <i>Neuro-Oncology</i> , 2006 , 8, 127-36	1	11
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