

Leo Koenderman

List of Publications by Citations

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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	Expression of the pro-apoptotic Bcl-2 family member Bim is regulated by the forkhead transcription factor FKHR-L1. <i>Current Biology</i> , 2000 , 10, 1201-4	6.3	819
314	Forkhead transcription factor FKHR-L1 modulates cytokine-dependent transcriptional regulation of p27(KIP1). <i>Molecular and Cellular Biology</i> , 2000 , 20, 9138-48	4.8	547
313	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
312	In vivo labeling with 2H2O reveals a human neutrophil lifespan of 5.4 days. <i>Blood</i> , 2010 , 116, 625-7	2.2	502
311	The systemic immune response to trauma: an overview of pathophysiology and treatment. <i>Lancet, The</i> , 2014 , 384, 1455-65	4.0	393
310	Negative cross-talk between RelA and the glucocorticoid receptor: a possible mechanism for the antiinflammatory action of glucocorticoids. <i>Molecular Endocrinology</i> , 1995 , 9, 401-12		330
309	FKHR-L1 can act as a critical effector of cell death induced by cytokine withdrawal: protein kinase B-enhanced cell survival through maintenance of mitochondrial integrity. <i>Journal of Cell Biology</i> , 2002 , 156, 531-42	7.3	307
308	STAT3beta, a splice variant of transcription factor STAT3, is a dominant negative regulator of transcription. <i>Journal of Biological Chemistry</i> , 1996 , 271, 13221-7	5.4	293
307	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
306	Activation of Rhoa and ROCK are essential for detachment of migrating leukocytes. <i>Molecular Biology of the Cell</i> , 2001 , 12, 2137-45	3.5	211
305	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.. <i>Journal of Biological Chemistry</i> , 1994 , 269, 6185-6192	5.4	208
304	Modulation and induction of eosinophil chemotaxis by granulocyte- macrophage colony-stimulating factor and interleukin-3. <i>Blood</i> , 1991 , 77, 2694-2700	2.2	193
303	The role of STATs in myeloid differentiation and leukemia. <i>Oncogene</i> , 2000 , 19, 2511-22	9.2	186
302	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. <i>Journal of Biological Chemistry</i> , 1994 , 269, 6185-92	5.4	186
301	Regulation of proliferation, differentiation and survival by the IL-3/IL-5/GM-CSF receptor family. <i>Cellular Signalling</i> , 1998 , 10, 619-28	4.9	178
300	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
299	Comparison of the roles of mitogen-activated protein kinase kinase and phosphatidylinositol 3-kinase signal transduction in neutrophil effector function. <i>Biochemical Journal</i> , 1998 , 329 (Pt 1), 121-30	2.8	163

298	Update on Neutrophil Function in Severe Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 2171	8.4	159
297	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
296	STAT5 Activation by BCR-Abl Contributes to Transformation of K562 Leukemia Cells. <i>Blood</i> , 1999 , 94, 1108-1112	2.2	151
295	The role of neutrophils in immune dysfunction during severe inflammation. <i>Critical Care</i> , 2016 , 20, 73	10.8	149
294	Trauma: the role of the innate immune system. <i>World Journal of Emergency Surgery</i> , 2006 , 1, 15	9.2	141
293	The Neutrophil Life Cycle. <i>Trends in Immunology</i> , 2019 , 40, 584-597	14.4	139
292	Platelet-dependent primary hemostasis promotes selectin- and integrin- mediated neutrophil adhesion to damaged endothelium under flow conditions. <i>Blood</i> , 1996 , 87, 3271-3281	2.2	137
291	How Neutrophils Shape Adaptive Immune Responses. <i>Frontiers in Immunology</i> , 2015 , 6, 471	8.4	135
290	The 40-kDa Fc gamma receptor (FcRII) on human neutrophils is essential for the IgG-induced respiratory burst and IgG-induced phagocytosis. <i>Journal of Immunology</i> , 1989 , 142, 2365-9	5.3	134
289	RANTES- and interleukin-8-induced responses in normal human eosinophils: effects of priming with interleukin-5. <i>Blood</i> , 1994 , 83, 3697-3704	2.2	129
288	Systemic inflammation and fracture healing. <i>Journal of Leukocyte Biology</i> , 2011 , 89, 669-73	6.5	119
287	IFN- β -stimulated neutrophils suppress lymphocyte proliferation through expression of PD-L1. <i>PLoS ONE</i> , 2013 , 8, e72249	3.7	119
286	Systemic inflammation in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2003 , 46, 5s-13s	13.6	108
285	STAT5-Dependent CyclinD1 and Bcl-xL expression in Bcr-Abl-transformed cells. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000 , 3, 299-305		107
284	Analysis of Signal Transduction Pathways in Human Eosinophils Activated by Chemoattractants and the T-Helper 2-Derived Cytokines Interleukin-4 and Interleukin-5. <i>Blood</i> , 1998 , 91, 2547-2557	2.2	104
283	In vivo priming of platelet-activating factor-induced eosinophil chemotaxis in allergic asthmatic individuals. <i>Blood</i> , 1992 , 79, 1836-1841	2.2	104
282	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
281	Interleukin-5 signaling in human eosinophils involves JAK2 tyrosine kinase and Stat1 alpha. <i>Blood</i> , 1995 , 85, 1442-1448	2.2	103

280	Upregulation of formyl-peptide and interleukin-8-induced eosinophil chemotaxis in patients with allergic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 1993 , 91, 1198-205	11.5	103
279	Cytokine-specific transcriptional regulation through an IL-5Ralpha interacting protein. <i>Science</i> , 2001 , 293, 1136-8	33.3	101
278	Glucocorticoid-mediated repression of intercellular adhesion molecule-1 expression in human monocytic and bronchial epithelial cell lines. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1993 , 8, 340-7	5.7	101
277	The Lung is a Host Defense Niche for Immediate Neutrophil-Mediated Vascular Protection. <i>Science Immunology</i> , 2017 , 2,	28	96
276	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
275	Respiratory syncytial virus inhibits granulocyte apoptosis through a phosphatidylinositol 3-kinase and NF-kappaB-dependent mechanism. <i>Journal of Immunology</i> , 2006 , 176, 5529-37	5.3	94
274	An improved method for the isolation of eosinophilic granulocytes from peripheral blood of normal individuals. <i>Journal of Leukocyte Biology</i> , 1988 , 44, 79-86	6.5	91
273	Modulation of eosinophil chemotaxis by interleukin-5. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992 , 7, 631-6	5.7	90
272	Platelet and Fibrin Deposition at the Damaged Vessel Wall: Cooperative Substrates for Neutrophil Adhesion Under Flow Conditions. <i>Blood</i> , 1997 , 89, 166-175	2.2	88
271	Activation of the Small GTPase Rap1 in Human Neutrophils. <i>Blood</i> , 1998 , 92, 2133-2140	2.2	82
270	Specificity in cytokine signal transduction: lessons learned from the IL-3/IL-5/GM-CSF receptor family. <i>Cytokine and Growth Factor Reviews</i> , 2001 , 12, 19-25	17.9	81
269	Association of RACK1 and PKCbeta with the common beta-chain of the IL-5/IL-3/GM-CSF receptor. <i>Oncogene</i> , 1999 , 18, 5126-30	9.2	80
268	Identification of inflammatory phenotypes of asthma by blood analysis and clinical parameters. <i>Clinical and Translational Allergy</i> , 2013 , 3, O9	5.2	78
267	Phenotyping asthma using an unsupervised prediction model based on blood granulocyte responsiveness. <i>Clinical and Translational Allergy</i> , 2015 , 5, O2	5.2	78
266	Immunophenotyping of eosinophils recovered from blood and BAL of allergic asthmatics. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1994 , 149, 345-51	10.2	78
265	Platelet-monocyte complexes support monocyte adhesion to endothelium by enhancing secondary tethering and cluster formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 193-9	9.4	77
264	Neutrophil Heterogeneity in Cancer: From Biology to Therapies. <i>Frontiers in Immunology</i> , 2019 , 10, 21558.4		74
263	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

262	Regulation of p21rac Activation in Human Neutrophils. <i>Blood</i> , 1999 , 94, 1121-1130	2.2	70
261	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
260	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
259	Systemic inflammation in COPD visualised by gene profiling in peripheral blood neutrophils. <i>Thorax</i> , 2005 , 60, 538-44	7.3	68
258	Differential activation of human basophils by anti-IgE and formyl-methionyl-leucyl-phenylalanine. Indications for protein kinase C-dependent and -independent activation pathways. <i>European Journal of Immunology</i> , 1991 , 21, 881-5	6.1	68
257	Transduction of a dominant-negative H-Ras into human eosinophils attenuates extracellular signal-regulated kinase activation and interleukin-5-mediated cell viability. <i>Blood</i> , 2001 , 98, 2014-21	2.2	65
256	Platelet Associated Fibrinogen and ICAM-2 Induce Firm Adhesion of Neutrophils under Flow Conditions. <i>Thrombosis and Haemostasis</i> , 1998 , 80, 443-448	7	64
255	Activation of the STAT3/acute phase response factor transcription factor by interleukin-5. <i>Journal of Biological Chemistry</i> , 1995 , 270, 25778-84	5.4	64
254	Signal transducer and activator of transcription 5 (STAT5). <i>International Journal of Biochemistry and Cell Biology</i> , 2004 , 36, 2120-4	5.6	61
253	Platelet-activating factor (PAF-acether) induced leukotriene C4 formation and luminol dependent chemiluminescence by human eosinophils. <i>Pharmacological Research Communications</i> , 1986 , 18 Suppl, 61-9		59
252	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
251	Neutrophil phenotypes in health and disease. <i>European Journal of Clinical Investigation</i> , 2018 , 48 Suppl 2, e12943	4.6	57
250	Protein kinase B (c-akt) regulates hematopoietic lineage choice decisions during myelopoiesis. <i>Blood</i> , 2008 , 111, 112-21	2.2	57
249	Clinical utility of asthma biomarkers: from bench to bedside. <i>Biologics: Targets and Therapy</i> , 2013 , 7, 199-210	4.10	56
248	Signal transducer and activator of transcription 5a (STAT5a) is required for eosinophil differentiation of human cord blood-derived CD34+ cells. <i>Blood</i> , 2003 , 101, 134-42	2.2	56
247	Differential regulation of granulopoiesis by the basic helix-loop-helix transcriptional inhibitors Id1 and Id2. <i>Blood</i> , 2005 , 105, 4272-81	2.2	54
246	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
245	Granulocyte signal transduction and priming: cause without effect?. <i>Immunology Letters</i> , 1997 , 57, 27-31	4.1	52

244	Platelets promote eosinophil adhesion of patients with asthma to endothelium under flow conditions. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003 , 28, 512-9	5.7	52
243	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
242	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
241	Human suppressive neutrophils CD16bright/CD62Ldim exhibit decreased adhesion. <i>Journal of Leukocyte Biology</i> , 2012 , 92, 1011-20	6.5	51
240	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
239	Dual mechanisms in priming of the chemoattractant-induced respiratory burst in human granulocytes. A Ca ²⁺ -dependent and a Ca ²⁺ -independent route. <i>Journal of Immunology</i> , 1989 , 142, 623-8	5.3	50
238	P-selectin and MAC-1 mediate monocyte rolling and adhesion to ECM-bound platelets under flow conditions. <i>Journal of Leukocyte Biology</i> , 1998 , 64, 467-73	6.5	49
237	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
236	Lineage-specific activation of STAT3 by interferon-gamma in human neutrophils. <i>Journal of Leukocyte Biology</i> , 1999 , 65, 391-6	6.5	47
235	Analysis of signal transduction pathways regulating cytokine-mediated Fc receptor activation on human eosinophils. <i>Journal of Immunology</i> , 1998 , 161, 6768-74	5.3	47
234	Neutrophils contribute to fracture healing by synthesizing fibronectin+ extracellular matrix rapidly after injury. <i>Clinical Immunology</i> , 2016 , 164, 78-84	9	46
233	Mechanisms involved in eosinophil migration. Platelet-activating factor-induced chemotaxis and interleukin-5-induced chemokinesis are mediated by different signals. <i>Journal of Leukocyte Biology</i> , 1996 , 59, 347-56	6.5	46
232	Characteristics of hexokinase, pyruvate kinase, and glucose-6-phosphate dehydrogenase during adult and neonatal reticulocyte maturation. <i>American Journal of Hematology</i> , 1985 , 20, 203-15	7.1	46
231	Cigarette smoke-induced collagen destruction; key to chronic neutrophilic airway inflammation?. <i>PLoS ONE</i> , 2013 , 8, e55612	3.7	44
230	Differential antibacterial control by neutrophil subsets. <i>Blood Advances</i> , 2018 , 2, 1344-1355	7.8	44
229	On the origin of low-density neutrophils. <i>Journal of Leukocyte Biology</i> , 2020 , 107, 809-818	6.5	43
228	Regulation and function of protein kinase B and MAP kinase activation by the IL-5/GM-CSF/IL-3 receptor. <i>Oncogene</i> , 1999 , 18, 3334-42	9.2	42
227	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. <i>Blood</i> , 1993 , 81, 2413-2419	2.2	42

226	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. <i>Journal of Immunology</i> , 1997 , 159, 1459-65	5.3	42
225	Cytokine-mediated cPLA(2) phosphorylation is regulated by multiple MAPK family members. <i>FEBS Letters</i> , 2000 , 471, 83-8	3.8	41
224	Neutrophil subset responses in infants with severe viral respiratory infection. <i>Clinical Immunology</i> , 2017 , 176, 100-106	9	40
223	The innate immune response. <i>Immunology Letters</i> , 2014 , 162, 95-102	4.1	40
222	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
221	Gradual increase in priming of human eosinophils during extravasation from peripheral blood to the airways in response to allergen challenge. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 115, 997-1003	11.5	40
220	Relative contributions of human types 1 and 2 T-helper cell-derived eosinophil-trophic cytokines to development of eosinophilia. <i>Blood</i> , 1993 , 82, 1471-1479	2.2	40
219	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. <i>Blood</i> , 1994 , 83, 2978-2984	2.2	40
218	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. <i>Journal of Investigative Dermatology</i> , 1993 , 100, 137-42	4.3	40
217	Eosinophils do respond to fMLP. <i>Blood</i> , 1987 , 70, 379-383	2.2	40
216	NF-kappa B/Rel family members regulating the ICAM-1 promoter in monocytic THP-1 cells. <i>Immunobiology</i> , 1997 , 198, 50-64	3.4	39
215	Immunological and hematological effects of IL-5(R α)-targeted therapy: An overview. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1979-1988	9.3	38
214	Insulin activates Stat3 independently of p21ras-ERK and PI-3K signal transduction. <i>Oncogene</i> , 1997 , 15, 2529-39	9.2	38
213	Differential activation of functionally distinct STAT5 proteins by IL-5 and GM-CSF during eosinophil and neutrophil differentiation from human CD34+ hematopoietic stem cells. <i>Stem Cells</i> , 1998 , 16, 397-403	5.8	38
212	Continuous cell activation is necessary for stable interaction of complement receptor type 3 with its counter-structure in the aggregation response of human neutrophils. <i>European Journal of Immunology</i> , 1990 , 20, 501-8	6.1	38
211	Advanced glycation endproducts and their receptor in different body compartments in COPD. <i>Respiratory Research</i> , 2016 , 17, 46	7.3	37
210	Biomarkers of therapy responsiveness in asthma: pitfalls and promises. <i>Clinical and Experimental Allergy</i> , 2011 , 41, 615-29	4.1	36
209	Neutrophil Adhesion to Fibrinogen and Fibrin Under Flow Conditions Is Diminished by Activation and L-Selectin Shedding. <i>Blood</i> , 1997 , 89, 2131-2138	2.2	36

208	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
207	Expression of priming-associated cellular markers on neutrophils during an exacerbation of COPD. <i>Respiratory Medicine</i> , 2006 , 100, 1791-9	4.6	36
206	Characterization of the role of CaMKI-like kinase (CKLiK) in human granulocyte function. <i>Blood</i> , 2005 , 106, 1076-83	2.2	36
205	Cerebral ischemia initiates an immediate innate immune response in neonates during cardiac surgery. <i>Journal of Neuroinflammation</i> , 2013 , 10, 24	10.1	35
204	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
203	The Role of Transcription Factor PU.1 in the Activity of the Intronic Enhancer of the Eosinophil-Derived Neurotoxin (RNS2) Gene. <i>Blood</i> , 1998 , 91, 2126-2132	2.2	35
202	Cytokine priming of the respiratory burst in human eosinophils is Ca ²⁺ independent and accompanied by induction of tyrosine kinase activity. <i>Journal of Leukocyte Biology</i> , 1993 , 53, 347-53	6.5	35
201	Src kinases regulate PKB activation and modulate cytokine and chemoattractant-controlled neutrophil functioning. <i>Journal of Leukocyte Biology</i> , 2002 , 71, 115-24	6.5	35
200	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
199	IL-8 induces a transient arrest of rolling eosinophils on human endothelial cells. <i>Journal of Immunology</i> , 2001 , 166, 588-95	5.3	34
198	Intracellular Penetration and Effects of Antibiotics on Inside Human Neutrophils: A Comprehensive Review. <i>Antibiotics</i> , 2019 , 8,	4.9	33
197	Systemic eosinophil response induced by respiratory syncytial virus. <i>Clinical and Experimental Immunology</i> , 2006 , 144, 409-17	6.2	33
196	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
195	C1-esterase inhibitor attenuates the inflammatory response during human endotoxemia. <i>Critical Care Medicine</i> , 2010 , 38, 2139-45	1.4	32
194	Cytokine-induced inside-out activation of Fc α R (CD89) is mediated by a single serine residue (S263) in the intracellular domain of the receptor. <i>Blood</i> , 2001 , 97, 3478-83	2.2	32
193	Circulatory and maturation kinetics of human monocyte subsets in vivo. <i>Blood</i> , 2017 , 130, 1474-1477	2.2	31
192	Response: The in vivo half-life of human neutrophils. <i>Blood</i> , 2011 , 117, 6053-6054	2.2	31
191	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

190	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
189	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. <i>Journal of Biological Chemistry</i> , 1997 , 272, 2319-25	5.4	30
188	A critical role for PI 3-kinase in cytokine-induced Fc γ receptor activation. <i>Blood</i> , 2000 , 95, 2037-2043	2.2	30
187	Identification and characterization of CKLiK, a novel granulocyte Ca ⁺⁺ /calmodulin-dependent kinase. <i>Blood</i> , 2000 , 96, 3215-3223	2.2	30
186	Monitoring of neutrophil priming in whole blood by antibodies isolated from a synthetic phage antibody library. <i>Journal of Leukocyte Biology</i> , 2000 , 68, 58-64	6.5	30
185	Differential fMet-Leu-Phe- and platelet-activating factor-induced signaling toward Ral activation in primary human neutrophils. <i>Journal of Biological Chemistry</i> , 1999 , 274, 21847-52	5.4	29
184	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
183	Neutrophil Functional Heterogeneity: Identification of Competitive Phagocytosis. <i>Frontiers in Immunology</i> , 2017 , 8, 1498	8.4	28
182	Postinjury immune monitoring: can multiple organ failure be predicted?. <i>Current Opinion in Critical Care</i> , 2008 , 14, 666-72	3.5	28
181	Cloning and characterization of Fc alpha Rb, a novel Fc alpha receptor (CD89) isoform expressed in eosinophils and neutrophils. <i>Blood</i> , 1996 , 88, 4229-4238	2.2	28
180	Advanced glycation end products in the skin are enhanced in COPD. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 1149-56	12.7	27
179	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
178	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
177	Minimal platelet deposition and activation in models of injured vessel wall ensure optimal neutrophil adhesion under flow conditions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999 , 19, 1549-54	9.4	26
176	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
175	Inside-Out Control of Fc-Receptors. <i>Frontiers in Immunology</i> , 2019 , 10, 544	8.4	25
174	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
173	Aberrant regulation of polymorphonuclear phagocyte responsiveness in multitrauma patients. <i>Shock</i> , 2006 , 26, 558-64	3.4	25

172	Down modulation of L-Selectin expression on eosinophils recovered from bronchoalveolar lavage fluid after allergen provocation. <i>Clinical and Experimental Allergy</i> , 1993 , 23, 196-204	4.1	25
171	Platelet-activating factor (PAF) acts as an intercellular messenger in the changes of cytosolic free Ca ²⁺ in human neutrophils induced by opsonized particles. <i>FEBS Letters</i> , 1989 , 259, 209-12	3.8	25
170	Neutrophil heterogeneity and its role in infectious complications after severe trauma. <i>World Journal of Emergency Surgery</i> , 2019 , 14, 24	9.2	24
169	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
168	Role of Ca ²⁺ /calmodulin regulated signaling pathways in chemoattractant induced neutrophil effector functions. Comparison with the role of phosphatidylinositol-3 kinase. <i>FEBS Journal</i> , 2002 , 269, 4625-34		24
167	1,2-Diacylglycerol accumulation in human neutrophils does not correlate with respiratory burst activation. <i>FEBS Letters</i> , 1989 , 243, 399-403	3.8	24
166	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
165	Homology in systemic neutrophil response induced by human experimental endotoxemia and by trauma. <i>Shock</i> , 2012 , 37, 145-51	3.4	23
164	Inside-out regulation of Fc alpha RI (CD89) depends on PP2A. <i>Journal of Immunology</i> , 2008 , 181, 4080-8	5.3	23
163	Cloning and Characterization of the Human Interleukin-3 (IL-3)/IL-5/ Granulocyte-Macrophage Colony-Stimulating Factor Receptor β Gene: Regulation by Ets Family Members. <i>Blood</i> , 1998 , 92, 3636-3646	2.2	23
162	Cloning and characterization of Fc alpha Rb, a novel Fc alpha receptor (CD89) isoform expressed in eosinophils and neutrophils. <i>Blood</i> , 1996 , 88, 4229-4238	2.2	23
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160	Cooperation between Fc gamma receptor II and complement receptor type 3 during activation of platelet-activating factor release by cytokine-primed human eosinophils. <i>Journal of Immunology</i> , 1994 , 153, 2729-35	5.3	23
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