H-U Simon

List of Publications by Citations

403 papers	44,611 citations	90 h-index	205 g-index
467 ext. papers	51,490 ext. citations	7.2 avg, IF	7.18 L-index

#	Paper	IF	Citations
403	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
402	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
401	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541	12.7	2160
400	Role of reactive oxygen species (ROS) in apoptosis induction. *Apoptosis: an International Journal on Programmed Cell Death*, **2000**, 5, 415-8	5.4	2003
399	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. *Autophagy*, **2008**, 4, 151-75	10.2	1920
398	Molecular definitions of cell death subroutines: recommendations of the Nomenclature Committee on Cell Death 2012. *Cell Death and Differentiation*, **2012**, 19, 107-20	12.7	1843
397	Calpain-mediated cleavage of Atg5 switches autophagy to apoptosis. *Nature Cell Biology*, **2006**, 8, 1124-32	23.4	1026
396	Life and death partners: apoptosis, autophagy and the cross-talk between them. *Cell Death and Differentiation*, **2009**, 16, 966-75	12.7	948
395	Molecular definitions of autophagy and related processes. *EMBO Journal*, **2017**, 36, 1811-1836	13	857
394	Autophagy in malignant transformation and cancer progression. *EMBO Journal*, **2015**, 34, 856-80	13	801
393	Catapult-like release of mitochondrial DNA by eosinophils contributes to antibacterial defense. *Nature Medicine*, **2008**, 14, 949-53	50.5	664
392	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. *Cell Death and Differentiation*, **2015**, 22, 58-73	12.7	643
391	Viable neutrophils release mitochondrial DNA to form neutrophil extracellular traps. *Cell Death and Differentiation*, **2009**, 16, 1438-44	12.7	575
390	Natural history of primary eosinophilic esophagitis: a follow-up of 30 adult patients for up to 11.5 years. *Gastroenterology*, **2003**, 125, 1660-9	13.3	561
389	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. *Cell Death and Differentiation*, **2009**, 16, 1093-107	12.7	533
388	Treatment of patients with the hypereosinophilic syndrome with mepolizumab. *New England Journal of Medicine*, **2008**, 358, 1215-28	59.2	451
387	Contemporary consensus proposal on criteria and classification of eosinophilic disorders and related syndromes. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 607-612.e9	11.5	430

386	Idiopathic eosinophilic esophagitis is associated with a T(H)2-type allergic inflammatory response. *Journal of Allergy and Clinical Immunology*, **2001**, 108, 954-61	11.5	426
385	Abnormal clones of T cells producing interleukin-5 in idiopathic eosinophilia. *New England Journal of Medicine*, **1999**, 341, 1112-20	59.2	423
384	Delay in diagnosis of eosinophilic esophagitis increases risk for stricture formation in a time-dependent manner. *Gastroenterology*, **2013**, 145, 1230-6.e1-2	13.3	408
383	Budesonide is effective in adolescent and adult patients with active eosinophilic esophagitis. *Gastroenterology*, **2010**, 139, 1526-37, 1537.e1	13.3	393
382	Anti-interleukin-5 antibody treatment (mepolizumab) in active eosinophilic oesophagitis: a randomised, placebo-controlled, double-blind trial. *Gut*, **2010**, 59, 21-30	19.2	390
381	Hypereosinophilic syndrome: a multicenter, retrospective analysis of clinical characteristics and response to therapy. *Journal of Allergy and Clinical Immunology*, **2009**, 124, 1319-25.e3	11.5	373
380	T cell-mediated Fas-induced keratinocyte apoptosis plays a key pathogenetic role in eczematous dermatitis. *Journal of Clinical Investigation*, **2000**, 106, 25-35	15.9	326
379	Cellular and molecular immunologic mechanisms in patients with atopic dermatitis. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 336-49	11.5	326
378	Eosinophilic esophagitis: escalating epidemiology?. *Journal of Allergy and Clinical Immunology*, **2005** , 115, 418-9	11.5	319
377	Direct demonstration of delayed eosinophil apoptosis as a mechanism causing tissue eosinophilia. *Journal of Immunology*, **1997**, 158, 3902-8	5.3	287
376	Leukotriene C4 synthase promoter polymorphism and risk of aspirin-induced asthma. *Lancet, The*, **1997**, 350, 1599-600	40	282
375	Long-term budesonide maintenance treatment is partially effective for patients with eosinophilic esophagitis. *Clinical Gastroenterology and Hepatology*, **2011**, 9, 400-9.e1	6.9	278
374	Approaches to the treatment of hypereosinophilic syndromes: a workshop summary report. *Journal of Allergy and Clinical Immunology*, **2006**, 117, 1292-302	11.5	272
373	Neutrophil apoptosis pathways and their modifications in inflammation. *Immunological Reviews*, **2003**, 193, 101-10	11.3	271
372	Escalating incidence of eosinophilic esophagitis: a 20-year prospective, population-based study in Olten County, Switzerland. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 1349-1350.e5	11.5	257
371	Cytokine-mediated Bax deficiency and consequent delayed neutrophil apoptosis: a general mechanism to accumulate effector cells in inflammation. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 13330-5	11.5	244
370	Refining the definition of hypereosinophilic syndrome. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 45-9	11.5	232
369	Interactions between Siglec-7/9 receptors and ligands influence NK cell-dependent tumor immunosurveillance. *Journal of Clinical Investigation*, **2014**, 124, 1810-20	15.9	224

368	Use of an anti-interleukin-5 antibody in the hypereosinophilic syndrome with eosinophilic dermatitis. *New England Journal of Medicine*, **2003**, 349, 2334-9	59.2	219
367	Epidemiology, clinical features, and immunology of the "intrinsic" (non-IgE-mediated) type of atopic dermatitis (constitutional dermatitis). *Allergy: European Journal of Allergy and Clinical Immunology*, **2001**, 56, 841-9	9.3	219
366	Esophageal dilation in eosinophilic esophagitis: effectiveness, safety, and impact on the underlying inflammation. *American Journal of Gastroenterology*, **2010**, 105, 1062-70	0.7	213
365	Requirement of Lyn and Syk tyrosine kinases for the prevention of apoptosis by cytokines in human eosinophils. *Journal of Experimental Medicine*, **1996**, 183, 1407-14	16.6	212
364	Induction of genes mediating interferon-dependent extracellular trap formation during neutrophil differentiation. *Journal of Biological Chemistry*, **2004**, 279, 44123-32	5.4	202
363	Precision medicine in patients with allergic diseases: Airway diseases and atopic dermatitis-PRACTALL document of the European Academy of Allergy and Clinical Immunology and the American Academy of Allergy, Asthma & Immunology. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 1347-58	11.5	202
362	Eosinophils and atopic dermatitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2004**, 59, 561-70	9.3	198
361	Eosinophils express functional IL-13 in eosinophilic inflammatory diseases. *Journal of Immunology*, **2002**, 169, 1021-7	5.3	198
360	Peculiarities of cell death mechanisms in neutrophils. *Cell Death and Differentiation*, **2011**, 18, 1457-69	12.7	197
359	Anti-CD20 (rituximab) treatment improves atopic eczema. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 122-8	11.5	195
358	Caspase-8 is activated by cathepsin D initiating neutrophil apoptosis during the resolution of inflammation. *Journal of Experimental Medicine*, **2008**, 205, 685-98	16.6	193
357	To NET or not to NET:current opinions and state of the science regarding the formation of neutrophil extracellular traps. *Cell Death and Differentiation*, **2019**, 26, 395-408	12.7	185
356	Siglec-9 transduces apoptotic and nonapoptotic death signals into neutrophils depending on the proinflammatory cytokine environment. *Blood*, **2005**, 106, 1423-31	2.2	178
355	Eosinophil and neutrophil extracellular DNA traps in human allergic asthmatic airways. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 1260-6	11.5	175
354	Protein-tyrosine phosphorylation regulates apoptosis in human eosinophils and neutrophils. *Proceedings of the National Academy of Sciences of the United States of America*, **1994**, 91, 10868-72	11.5	175
353	Eosinophilic esophagitis: analysis of food impaction and perforation in 251 adolescent and adult patients. *Clinical Gastroenterology and Hepatology*, **2008**, 6, 598-600	6.9	174
352	Pediatric and adult eosinophilic esophagitis: similarities and differences. *Allergy: European Journal of Allergy and Clinical Immunology*, **2012**, 67, 477-90	9.3	170
351	Living and dying for inflammation: neutrophils, eosinophils, basophils. *Trends in Immunology*, **2013**, 34, 398-409	14.4	165

350	Death receptors bind SHP-1 and block cytokine-induced anti-apoptotic signaling in neutrophils. *Nature Medicine*, **2002**, 8, 61-7	50.5	158
349	Inflammation-associated cell cycle-independent block of apoptosis by survivin in terminally differentiated neutrophils. *Journal of Experimental Medicine*, **2004**, 199, 1343-54	16.6	156
348	Anti-eosinophil activity and clinical efficacy of the CRTH2 antagonist OC000459 in eosinophilic esophagitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2013**, 68, 375-85	9.3	155
347	Eosinophilic esophagitis is frequently associated with IgE-mediated allergic airway diseases. *Journal of Allergy and Clinical Immunology*, **2005**, 115, 1090-2	11.5	152
346	Apoptotic pathways are inhibited by leptin receptor activation in neutrophils. *Journal of Immunology*, **2005**, 174, 8090-6	5.3	152
345	Inhibition of programmed eosinophil death: a key pathogenic event for eosinophilia?. *Trends in Immunology*, **1995**, 16, 53-5		151
344	Cathepsins: key modulators of cell death and inflammatory responses. *Biochemical Pharmacology*, **2008**, 76, 1374-82	6	150
343	Disruption of fas receptor signaling by nitric oxide in eosinophils. *Journal of Experimental Medicine*, **1998**, 187, 415-25	16.6	147
342	Cathepsins and their involvement in immune responses. *Swiss Medical Weekly*, **2010**, 140, w13042	3.1	142
341	Fragility of the esophageal mucosa: a pathognomonic endoscopic sign of primary eosinophilic esophagitis?. *Gastrointestinal Endoscopy*, **2003**, 57, 407-12	5.2	142
340	Systems medicine and integrated care to combat chronic noncommunicable diseases. *Genome Medicine*, **2011**, 3, 43	14.4	137
339	Important research questions in allergy and related diseases: nonallergic rhinitis: a GA2LEN paper. *Allergy: European Journal of Allergy and Clinical Immunology*, **2008**, 63, 842-53	9.3	137
338	Autophagy is required for self-renewal and differentiation of adult human stem cells. *Cell Research*, **2012**, 22, 432-5	24.7	136
337	T cells and T cell-derived cytokines as pathogenic factors in the nonallergic form of atopic dermatitis. *Journal of Investigative Dermatology*, **1999**, 113, 628-34	4.3	135
336	Skin homing (cutaneous lymphocyte-associated antigen-positive) CD8+ T cells respond to superantigen and contribute to eosinophilia and IgE production in atopic dermatitis. *Journal of Immunology*, **1999**, 163, 466-75	5.3	133
335	Anti-TNF-alpha (infliximab) therapy for severe adult eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2008**, 122, 425-7	11.5	131
334	Expansion of cytokine-producing CD4-CD8- T cells associated with abnormal Fas expression and hypereosinophilia. *Journal of Experimental Medicine*, **1996**, 183, 1071-82	16.6	129
333	Eosinophilic disorders. *Journal of Allergy and Clinical Immunology*, **2007**, 119, 1291-300; quiz 1301-2	11.5	125

332	Role for Bcl-xL in Delayed Eosinophil Apoptosis Mediated by Granulocyte-Macrophage Colony-Stimulating Factor and Interleukin-5. *Blood*, **1998**, 92, 778-783	2.2	125
331	Down-regulation of autophagy-related protein 5 (ATG5) contributes to the pathogenesis of early-stage cutaneous melanoma. *Science Translational Medicine*, **2013**, 5, 202ra123	17.5	123
330	Eosinophilic esophagitis is characterized by a non-IgE-mediated food hypersensitivity. *Allergy: European Journal of Allergy and Clinical Immunology*, **2016**, 71, 611-20	9.3	123
329	Calpain-1 regulates Bax and subsequent Smac-dependent caspase-3 activation in neutrophil apoptosis. *Journal of Biological Chemistry*, **2004**, 279, 5947-57	5.4	119
328	Eosinophilic esophagitis: red on microscopy, white on endoscopy. *Digestion*, **2004**, 70, 109-16	3.6	115
327	ATG5 is induced by DNA-damaging agents and promotes mitotic catastrophe independent of autophagy. *Nature Communications*, **2013**, 4, 2130	17.4	114
326	Anti-apoptotic signals of granulocyte-macrophage colony-stimulating factor are transduced via Jak2 tyrosine kinase in eosinophils. *European Journal of Immunology*, **1997**, 27, 3536-9	6.1	109
325	Pathogenesis and classification of eosinophil disorders: a review of recent developments in the field. *Expert Review of Hematology*, **2012**, 5, 157-76	2.8	108
324	Regulation of the innate immune system by autophagy: monocytes, macrophages, dendritic cells and antigen presentation. *Cell Death and Differentiation*, **2019**, 26, 715-727	12.7	107
323	NADPH oxidase-independent formation of extracellular DNA traps by basophils. *Journal of Immunology*, **2014**, 192, 5314-23	5.3	107
322	Macrophage migration inhibitory factor delays apoptosis in neutrophils by inhibiting the mitochondria-dependent death pathway. *FASEB Journal*, **2003**, 17, 2221-30	0.9	106
321	Precision medicine in allergic disease-food allergy, drug allergy, and anaphylaxis-PRACTALL document of the European Academy of Allergy and Clinical Immunology and the American Academy of Allergy, Asthma and Immunology. *Allergy: European Journal of Allergy and Clinical Immunology*, **2017**, 72, 1006-1021	9.3	105
320	IL-8 is expressed by human peripheral blood eosinophils. Evidence for increased secretion in asthma. *Journal of Immunology*, **1995**, 154, 5481-90	5.3	103
319	Immunologic and functional evidence for anti-Siglec-9 autoantibodies in intravenous immunoglobulin preparations. *Blood*, **2006**, 108, 4255-9	2.2	101
318	Leptin is an eosinophil survival factor. *Journal of Allergy and Clinical Immunology*, **2005**, 116, 1228-34	11.5	100
317	IVIG--mechanisms of action. *Allergy: European Journal of Allergy and Clinical Immunology*, **2003**, 58, 543-52	9.3	98
316	Cytokine expression in healthy and inflamed mucosa: probing the role of eosinophils in the digestive tract. *Inflammatory Bowel Diseases*, **2005**, 11, 720-6	4.5	98
315	Intracellular localization of the BCL-2 family member BOK and functional implications. *Cell Death and Differentiation*, **2013**, 20, 785-99	12.7	93

314	Clinical and immunological effects of low-dose IFN-alpha treatment in patients with corticosteroid-resistant asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2003**, 58, 1250-5	9.3	93
313	Active eosinophilic esophagitis is characterized by epithelial barrier defects and eosinophil extracellular trap formation. *Allergy: European Journal of Allergy and Clinical Immunology*, **2015**, 70, 443-52	9.3	90
312	Eosinophil extracellular DNA traps in skin diseases. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 194-9	11.5	90
311	The physiological and pathophysiological roles of eosinophils in the gastrointestinal tract. *Allergy: European Journal of Allergy and Clinical Immunology*, **2004**, 59, 15-25	9.3	89
310	Neutrophil apoptosis mediated by nicotinic acid receptors (GPR109A). *Cell Death and Differentiation*, **2008**, 15, 134-42	12.7	87
309	Cisplatin activates Akt in small cell lung cancer cells and attenuates apoptosis by survivin upregulation. *International Journal of Cancer*, **2005**, 117, 755-63	7.5	87
308	Regulation of eosinophil and neutrophil apoptosis--similarities and differences. *Immunological Reviews*, **2001**, 179, 156-62	11.3	87
307	Biomarkers of the involvement of mast cells, basophils and eosinophils in asthma and allergic diseases. *World Allergy Organization Journal*, **2016**, 9, 7	5.2	86
306	Thymic stromal lymphopoietin stimulates the formation of eosinophil extracellular traps. *Allergy: European Journal of Allergy and Clinical Immunology*, **2012**, 67, 1127-37	9.3	86
305	Intravenous immunoglobulin preparations contain anti-Siglec-8 autoantibodies. *Journal of Allergy and Clinical Immunology*, **2007**, 119, 1005-11	11.5	86
304	Inflammation-associated autophagy-related programmed necrotic death of human neutrophils characterized by organelle fusion events. *Journal of Immunology*, **2011**, 186, 6532-42	5.3	83
303	The differential fate of cadherins during T-cell-induced keratinocyte apoptosis leads to spongiosis in eczematous dermatitis. *Journal of Investigative Dermatology*, **2001**, 117, 927-34	4.3	83
302	Molecular characterization of hNRP, a cDNA encoding a human nucleosome-assembly-protein-I-related gene product involved in the induction of cell proliferation. *Biochemical Journal*, **1994**, 297 (Pt 2), 389-97	3.8	82
301	Novel targeted therapies for eosinophilic disorders. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 563-71	11.5	81
300	Eosinophilic esophagitis in adults--no clinical relevance of wheat and rye sensitizations. *Allergy: European Journal of Allergy and Clinical Immunology*, **2006**, 61, 1480-3	9.3	81
299	Eosinophil extracellular DNA traps: molecular mechanisms and potential roles in disease. *Current Opinion in Immunology*, **2012**, 24, 736-9	7.8	80
298	Role of petasin in the potential anti-inflammatory activity of a plant extract of petasites hybridus. *Biochemical Pharmacology*, **2001**, 61, 1041-7	6	79
297	Autophagy in major human diseases. *EMBO Journal*, **2021**, 40, e108863	13	79

296	Rapid Sequestration of Leishmania mexicana by Neutrophils Contributes to the Development of Chronic Lesion. *PLoS Pathogens*, **2015**, 11, e1004929	7.6	78
295	2B4 (CD244) is expressed and functional on human eosinophils. *Journal of Immunology*, **2005**, 174, 110-8	5.3	78
294	EAACI IG Biologicals task force paper on the use of biologic agents in allergic disorders. *Allergy: European Journal of Allergy and Clinical Immunology*, **2015**, 70, 727-54	9.3	77
293	Reduced dermal infiltration of cytokine-expressing inflammatory cells in atopic dermatitis after short-term topical tacrolimus treatment. *Journal of Allergy and Clinical Immunology*, **2004**, 114, 887-95	11.5	77
292	Extracellular DNA traps in allergic, infectious, and autoimmune diseases. *Allergy: European Journal of Allergy and Clinical Immunology*, **2013**, 68, 409-16	9.3	76
291	Concurrent presence of agonistic and antagonistic anti-CD95 autoantibodies in intravenous Ig preparations. *Journal of Allergy and Clinical Immunology*, **2003**, 112, 1185-90	11.5	75
290	Targeting autophagy as a potential therapeutic approach for melanoma therapy. *Seminars in Cancer Biology*, **2013**, 23, 352-60	12.7	74
289	Targeting siglecs--a novel pharmacological strategy for immuno- and glycotherapy. *Biochemical Pharmacology*, **2011**, 82, 323-32	6	74
288	Expression and function of the Fas receptor on human blood and tissue eosinophils. *European Journal of Immunology*, **1996**, 26, 1775-80	6.1	74
287	Extracellular eosinophilic traps in association with Staphylococcus aureus at the site of epithelial barrier defects in patients with severe airway inflammation. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1849-1860.e6	11.5	73
286	Platelet-activating factor exerts mitogenic activity and stimulates expression of interleukin 6 and interleukin 8 in human lung fibroblasts via binding to its functional receptor. *Journal of Experimental Medicine*, **1996**, 184, 191-201	16.6	73
285	NET formation can occur independently of RIPK3 and MLKL signaling. *European Journal of Immunology*, **2016**, 46, 178-84	6.1	72
284	Cell death modulation by intravenous immunoglobulin. *Journal of Clinical Immunology*, **2010**, 30 Suppl 1, S24-30	5.7	71
283	The generation of neutrophils in the bone marrow is controlled by autophagy. *Cell Death and Differentiation*, **2015**, 22, 445-56	12.7	70
282	Untangling "NETosis" from NETs. *European Journal of Immunology*, **2019**, 49, 221-227	6.1	69
281	ROS and glutathionylation balance cytoskeletal dynamics in neutrophil extracellular trap formation. *Journal of Cell Biology*, **2017**, 216, 4073-4090	7.3	69
280	Critical role for caspases 3 and 8 in neutrophil but not eosinophil apoptosis. *International Archives of Allergy and Immunology*, **2001**, 126, 147-56	3.7	69
279	Functional expression of CD134 by neutrophils. *European Journal of Immunology*, **2004**, 34, 2268-75	6.1	68

278	CD137 activation abrogates granulocyte-macrophage colony-stimulating factor-mediated anti-apoptosis in neutrophils. *European Journal of Immunology*, **2000**, 30, 3441-6	6.1	68
277	Evidence for defective transmembrane signaling in B cells from patients with Wiskott-Aldrich syndrome. *Journal of Clinical Investigation*, **1992**, 90, 1396-405	15.9	67
276	The human IgG anti-carbohydrate repertoire exhibits a universal architecture and contains specificity for microbial attachment sites. *Science Translational Medicine*, **2015**, 7, 269ra1	17.5	66
275	Suppression of the immune system by oral glucocorticoid therapy in bronchial asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **1997**, 52, 144-54	9.3	66
274	High altitude climate therapy reduces peripheral blood T lymphocyte activation, eosinophilia, and bronchial obstruction in children with house-dust mite allergic asthma. *Pediatric Pulmonology*, **1994**, 17, 304-11	3.5	66
273	Neutrophil extracellular trap formation requires OPA1-dependent glycolytic ATP production. *Nature Communications*, **2018**, 9, 2958	17.4	65
272	A novel TNFR1-triggered apoptosis pathway mediated by class IA PI3Ks in neutrophils. *Blood*, **2011**, 117, 5953-62	2.2	64
271	Inhibitory activity of tryptanthrin on prostaglandin and leukotriene synthesis. *Planta Medica*, **2002**, 68, 875-80	3.1	63
270	Toxicity of eosinophil MBP is repressed by intracellular crystallization and promoted by extracellular aggregation. *Molecular Cell*, **2015**, 57, 1011-1021	17.6	62
269	High serum thymus and activation-regulated chemokine levels in the lymphocytic variant of the hypereosinophilic syndrome. *Journal of Allergy and Clinical Immunology*, **2002**, 110, 476-9	11.5	62
268	IVIG pluripotency and the concept of Fc-sialylation: challenges to the scientist. *Nature Reviews Immunology*, **2014**, 14, 349	36.5	61
267	p73 regulates autophagy and hepatocellular lipid metabolism through a transcriptional activation of the ATG5 gene. *Cell Death and Differentiation*, **2013**, 20, 1415-24	12.7	61
266	HAMLET (human alpha-lactalbumin made lethal to tumor cells) triggers autophagic tumor cell death. *International Journal of Cancer*, **2009**, 124, 1008-19	7.5	61
265	Interleukin-2 primes eosinophil degranulation in hypereosinophilia and Wells syndrome. *European Journal of Immunology*, **2003**, 33, 834-9	6.1	61
264	Functional CD137 receptors are expressed by eosinophils from patients with IgE-mediated allergic responses but not by eosinophils from patients with non-IgE-mediated eosinophilic disorders. *Journal of Allergy and Clinical Immunology*, **2001**, 108, 21-8	11.5	61
263	Patients with COVID-19: in the dark-NETs of neutrophils. *Cell Death and Differentiation*, **2021**, 28, 3125-3139	12.7	61
262	Evidence for a role of eosinophils in blister formation in bullous pemphigoid. *Allergy: European Journal of Allergy and Clinical Immunology*, **2017**, 72, 1105-1113	9.3	59
261	Early-onset and adult periodontitis associated with abnormal cytokine production by activated T lymphocytes. *Journal of Periodontology*, **1998**, 69, 1098-104	4.6	58

260	Epigallocatechin-3-gallate induces cell death in acute myeloid leukaemia cells and supports all-trans retinoic acid-induced neutrophil differentiation via death-associated protein kinase 2. *British Journal of Haematology*, **2010**, 149, 55-64	4.5	57
259	Siglec-9 Regulates an Effector Memory CD8 T-cell Subset That Congregates in the Melanoma Tumor Microenvironment. *Cancer Immunology Research*, **2019**, 7, 707-718	12.5	56
258	Mathematical modeling of the regulation of caspase-3 activation and degradation. *Journal of Theoretical Biology*, **2005**, 234, 123-31	2.3	54
257	Autophagy suppresses melanoma tumorigenesis by inducing senescence. *Autophagy*, **2014**, 10, 372-3	10.2	53
256	Neither eosinophils nor neutrophils require ATG5-dependent autophagy for extracellular DNA trap formation. *Immunology*, **2017**, 152, 517-525	7.8	53
255	Natural anti-Siglec autoantibodies mediate potential immunoregulatory mechanisms: implications for the clinical use of intravenous immunoglobulins (IVIg). *Autoimmunity Reviews*, **2008**, 7, 453-6	13.6	53
254	Anti-inflammatory activity of an extract of Petasites hybridus in allergic rhinitis. *International Immunopharmacology*, **2002**, 2, 997-1006	5.8	53
253	Eosinophils suppress Th1 responses and restrict bacterially induced gastrointestinal inflammation. *Journal of Experimental Medicine*, **2018**, 215, 2055-2072	16.6	53
252	Alefacept (lymphocyte function-associated molecule 3/IgG fusion protein) treatment for atopic eczema. *Journal of Allergy and Clinical Immunology*, **2008**, 122, 423-4	11.5	50
251	Regulation of the innate immune system by autophagy: neutrophils, eosinophils, mast cells, NK cells. *Cell Death and Differentiation*, **2019**, 26, 703-714	12.7	49
250	Sildenafil Potentiates a cGMP-Dependent Pathway to Promote Melanoma Growth. *Cell Reports*, **2016**, 14, 2599-610	10.6	49
249	Eosinophilic bioactivities in severe asthma. *World Allergy Organization Journal*, **2016**, 9, 21	5.2	48
248	Retrograde signaling from autophagy modulates stress responses. *Science Signaling*, **2017**, 10,	8.8	47
247	Frequent sensitization to Candida albicans and profilins in adult eosinophilic esophagitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2013**, 68, 945-8	9.3	47
246	Role for Tyrosine Phosphorylation and Lyn Tyrosine Kinase in Fas Receptor-Mediated Apoptosis in Eosinophils. *Blood*, **1998**, 92, 547-557	2.2	47
245	Urticaria: Collegium Internationale Allergologicum (CIA) Update 2020. *International Archives of Allergy and Immunology*, **2020**, 181, 321-333	3.7	47
244	Autophagy regulation in macrophages and neutrophils. *Experimental Cell Research*, **2012**, 318, 1187-92	4.2	46
243	Neutrophil Necroptosis Is Triggered by Ligation of Adhesion Molecules following GM-CSF Priming. *Journal of Immunology*, **2016**, 197, 4090-4100	5.3	45

242	Basophils exhibit antibacterial activity through extracellular trap formation. *Allergy: European Journal of Allergy and Clinical Immunology*, **2015**, 70, 1184-8	9.3	45
241	Differential inhibition of inflammatory effector functions by petasin, isopetasin and neopetasin in human eosinophils. *Clinical and Experimental Allergy*, **2001**, 31, 1310-20	4.1	45
240	Mepolizumab does not alter levels of eosinophils, T cells, and mast cells in the duodenal mucosa in eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 175-7	11.5	44
239	Functional platelet-activating factor receptors are expressed by monocytes and granulocytes but not by resting or activated T and B lymphocytes from normal individuals or patients with asthma. *Journal of Immunology*, **1994**, 153, 364-77	5.3	44
238	Primary resistance to imatinib in Fip1-like 1-platelet-derived growth factor receptor alpha-positive eosinophilic leukemia. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 1054-6	11.5	43
237	Inflammatory cell numbers and cytokine expression in atopic dermatitis after topical pimecrolimus treatment. *Allergy: European Journal of Allergy and Clinical Immunology*, **2005**, 60, 944-51	9.3	43
236	Treatment with IFN-alpha in corticosteroid-unresponsive asthma. *Journal of Allergy and Clinical Immunology*, **2000**, 105, 1035-6	11.5	43
235	Adhesion-induced eosinophil cytolysis requires the receptor-interacting protein kinase 3 (RIPK3)-mixed lineage kinase-like (MLKL) signaling pathway, which is counterregulated by autophagy. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 1632-1642	11.5	41
234	Workshop report from the National Institutes of Health Taskforce on the Research Needs of Eosinophil-Associated Diseases (TREAD). *Journal of Allergy and Clinical Immunology*, **2012**, 130, 587-96	11.5	41
233	Eosinophils maintain their capacity to signal and release eosinophil cationic protein upon repetitive stimulation with the same agonist. *Journal of Immunology*, **2000**, 165, 4069-75	5.3	41
232	NETosis - Does It Really Represent Nature© "Suicide Bomber"?. *Frontiers in Immunology*, **2016**, 7, 328	8.4	41
231	Apoptosis regulation by autophagy gene 5. *Critical Reviews in Oncology/Hematology*, **2007**, 63, 241-4	7	40
230	Novel targeted therapies for eosinophil-associated diseases and allergy. *Annual Review of Pharmacology and Toxicology*, **2015**, 55, 633-56	17.9	39
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