H-U Simon

List of Publications by Year
in descending order

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437 papers	57,007 citations	2098 100 h-index	1220 227 g-index
467 all docs	467 docs citations	467 times ranked	60456 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	5.0	4,036
3	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
4	Role of reactive oxygen species (ROS) in apoptosis induction. Apoptosis: an International Journal on Programmed Cell Death, 2000, 5, 415-418.	2.2	2,406
5	Molecular definitions of cell death subroutines: recommendations of the Nomenclature Committee on Cell Death 2012. Cell Death and Differentiation, 2012, 19, 107-120.	5.0	2,144
6	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	4.3	2,064
7	Molecular definitions of autophagy and related processes. EMBO Journal, 2017, 36, 1811-1836.	3.5	1,230
8	Calpain-mediated cleavage of Atg5 switches autophagy to apoptosis. Nature Cell Biology, 2006, 8, 1124-1132.	4.6	1,167
9	Life and death partners: apoptosis, autophagy and the cross-talk between them. Cell Death and Differentiation, 2009, 16, 966-975.	5.0	1,073
10	Autophagy in malignant transformation and cancer progression. EMBO Journal, 2015, 34, 856-880.	3.5	1,012
11	Catapult-like release of mitochondrial DNA by eosinophils contributes to antibacterial defense. Nature Medicine, 2008, 14, 949-953.	15.2	836
12	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	5.0	811
13	Viable neutrophils release mitochondrial DNA to form neutrophil extracellular traps. Cell Death and Differentiation, 2009, 16, 1438-1444.	5.0	789
14	Natural history of primary eosinophilic esophagitis: a follow-up of 30 adult patients for up to 11.5 years. Gastroenterology, 2003, 125, 1660-1669.	0.6	673
15	Autophagy in major human diseases. EMBO Journal, 2021, 40, e108863.	3.5	615
16	Contemporary consensus proposal on criteria and classification of eosinophilic disorders and related syndromes. Journal of Allergy and Clinical Immunology, 2012, 130, 607-612.e9.	1.5	604
17	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. Cell Death and Differentiation, 2009, 16, 1093-1107.	5.0	599
18	Delay in Diagnosis of Eosinophilic Esophagitis Increases Risk for Stricture Formation in a Time-Dependent Manner. Gastroenterology, 2013, 145, 1230-1236.e2.	0.6	580

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19	Treatment of Patients with the Hypereosinophilic Syndrome with Mepolizumab. New England Journal of Medicine, 2008, 358, 1215-1228.	13.9	536
20	Idiopathic eosinophilic esophagitis is associated with a TH2-type allergic inflammatory response. Journal of Allergy and Clinical Immunology, 2001, 108, 954-961.	1.5	511
21	Hypereosinophilic syndrome: A multicenter, retrospective analysis of clinical characteristics and response to therapy. Journal of Allergy and Clinical Immunology, 2009, 124, 1319-1325.e3.	1.5	502
22	Anti-interleukin-5 antibody treatment (mepolizumab) in active eosinophilic oesophagitis: a randomised, placebo-controlled, double-blind trial. Gut, 2010, 59, 21-30.	6.1	498
23	Abnormal Clones of T Cells Producing Interleukin-5 in Idiopathic Eosinophilia. New England Journal of Medicine, 1999, 341, 1112-1120.	13.9	492
24	Budesonide Is Effective in Adolescent and Adult Patients With Active Eosinophilic Esophagitis. Gastroenterology, 2010, 139, 1526-1537.e1.	0.6	477
25	Cellular and molecular immunologic mechanisms in patients with atopic dermatitis. Journal of Allergy and Clinical Immunology, 2016, 138, 336-349.	1.5	465
26	T cellâ€“mediated Fas-induced keratinocyte apoptosis plays a key pathogenetic role in eczematous dermatitis. Journal of Clinical Investigation, 2000, 106, 25-35.	3.9	420
27	Eosinophilic esophagitis: Escalating epidemiology?. Journal of Allergy and Clinical Immunology, 2005, 115, 418-419.	1.5	370
28	Long-Term Budesonide Maintenance Treatment Is Partially Effective for Patients With Eosinophilic Esophagitis. Clinical Gastroenterology and Hepatology, 2011, 9, 400-409.e1.	2.4	348
29	Interactions between Siglec-7/9 receptors and ligands influence NK cellâ€“dependent tumor immunosurveillance. Journal of Clinical Investigation, 2014, 124, 1810-1820.	3.9	340
30	Approaches to the treatment of hypereosinophilic syndromes: A workshop summary report. Journal of Allergy and Clinical Immunology, 2006, 117, 1292-1302.	1.5	328
31	Leukotriene C4 synthase promoter polymorphism and risk of aspirin-induced asthma. Lancet, The, 1997, 350, 1599-1600.	6.3	319
32	Escalating incidence of eosinophilic esophagitis: AÂ20-year prospective, population-based study in Olten County, Switzerland. Journal of Allergy and Clinical Immunology, 2011, 128, 1349-1350.e5.	1.5	313
33	Neutrophil apoptosis pathways and their modifications in inflammation. Immunological Reviews, 2003, 193, 101-110.	2.8	312
34	Direct demonstration of delayed eosinophil apoptosis as a mechanism causing tissue eosinophilia. Journal of Immunology, 1997, 158, 3902-8.	0.4	300
35	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.	5.0	295
36	Esophageal Dilation in Eosinophilic Esophagitis: Effectiveness, Safety, and Impact on the Underlying Inflammation. American Journal of Gastroenterology, 2010, 105, 1062-1070.	0.2	277

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37	Refining the definition of hypereosinophilic syndrome. Journal of Allergy and Clinical Immunology, 2010, 126, 45-49.	1.5	273
38	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, 13330-13335.	3.3	261
39	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, 841-849.	2.7	253
40	Use of an Antiâ€“Interleukin-5 Antibody in the Hypereosinophilic Syndrome with Eosinophilic Dermatitis. New England Journal of Medicine, 2003, 349, 2334-2339.	13.9	250
41	Precision medicine in patients with allergic diseases: Airway diseases and atopic dermatitisâ€”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, 1347-1358.	1.5	249
42	Induction of Genes Mediating Interferon-dependent Extracellular Trap Formation during Neutrophil Differentiation. Journal of Biological Chemistry, 2004, 279, 44123-44132.	1.6	247
43	Eosinophils and atopic dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2004, 59, 561-570.	2.7	247
44	Anti-CD20 (rituximab) treatment improves atopic eczema. Journal of Allergy and Clinical Immunology, 2008, 121, 122-128.	1.5	229
45	Requirement of Lyn and Syk tyrosine kinases for the prevention of apoptosis by cytokines in human eosinophils.. Journal of Experimental Medicine, 1996, 183, 1407-1414.	4.2	228
46	Peculiarities of cell death mechanisms in neutrophils. Cell Death and Differentiation, 2011, 18, 1457-1469.	5.0	226
47	Eosinophils Express Functional IL-13 in Eosinophilic Inflammatory Diseases. Journal of Immunology, 2002, 169, 1021-1027.	0.4	225
48	Caspase-8 is activated by cathepsin D initiating neutrophil apoptosis during the resolution of inflammation. Journal of Experimental Medicine, 2008, 205, 685-698.	4.2	221
49	Eosinophil and neutrophil extracellular DNA traps in human allergic asthmatic airways. Journal of Allergy and Clinical Immunology, 2011, 127, 1260-1266.	1.5	221
50	Living and dying for inflammation: neutrophils, eosinophils, basophils. Trends in Immunology, 2013, 34, 398-409.	2.9	218
51	Eosinophilic Esophagitis: Analysis of Food Impaction and Perforation in 251 Adolescent and Adult Patients. Clinical Gastroenterology and Hepatology, 2008, 6, 598-600.	2.4	217
52	Siglec-9 transduces apoptotic and nonapoptotic death signals into neutrophils depending on the proinflammatory cytokine environment. Blood, 2005, 106, 1423-1431.	0.6	212
53	Pediatric and adult eosinophilic esophagitis: similarities and differences. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 477-490.	2.7	212
54	Regulation of the innate immune system by autophagy: monocytes, macrophages, dendritic cells and antigen presentation. Cell Death and Differentiation, 2019, 26, 715-727.	5.0	205

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55	Patients with COVID-19: in the dark-NETs of neutrophils. Cell Death and Differentiation, 2021, 28, 3125-3139.	5.0	189
56	Antiâ€eosinophil activity and clinical efficacy of the <scp>CRTH</scp>2 antagonist <scp>OC</scp>000459 in eosinophilic esophagitis. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 375-385.	2.7	188
57	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, 10868-10872.	3.3	187
58	Eosinophilic esophagitis is characterized by a non-IgE-mediated food hypersensitivity. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 611-620.	2.7	186
59	Eosinophilic esophagitis is frequently associated with IgE-mediated allergic airway diseases. Journal of Allergy and Clinical Immunology, 2005, 115, 1090-1092.	1.5	184
60	Systems medicine and integrated care to combat chronic noncommunicable diseases. Genome Medicine, 2011, 3, 43.	3.6	181
61	Apoptotic Pathways Are Inhibited by Leptin Receptor Activation in Neutrophils. Journal of Immunology, 2005, 174, 8090-8096.	0.4	180
62	Cathepsins: Key modulators of cell death and inflammatory responses. Biochemical Pharmacology, 2008, 76, 1374-1382.	2.0	177
63	Inflammation-associated Cell Cycleâ€“independent Block of Apoptosis by Survivin in Terminally Differentiated Neutrophils. Journal of Experimental Medicine, 2004, 199, 1343-1354.	4.2	176
64	Death receptors bind SHP-1 and block cytokine-induced anti-apoptotic signaling in neutrophils. Nature Medicine, 2002, 8, 61-67.	15.2	172
65	Cathepsins and their involvement in immune responses. Swiss Medical Weekly, 2010, 140, w13042.	0.8	172
66	Inhibition of programmed eosinophil death: a key pathogenic event for eosinophilia?. Trends in Immunology, 1995, 16, 53-55.	7.5	170
67	Disruption of Fas Receptor Signaling by Nitric Oxide in Eosinophils. Journal of Experimental Medicine, 1998, 187, 415-425.	4.2	166
68	Fragility of the esophageal mucosa: A pathognomonic endoscopic sign of primary eosinophilic esophagitis?. Gastrointestinal Endoscopy, 2003, 57, 407-412.	0.5	166
69	T Cells and T Cell-Derived Cytokines as Pathogenic Factors in the Nonallergic Form of Atopic Dermatitis. Journal of Investigative Dermatology, 1999, 113, 628-634.	0.3	165
70	Autophagy is required for self-renewal and differentiation of adult human stem cells. Cell Research, 2012, 22, 432-435.	5.7	163
71	Antiâ€“TNF-Î± (infliximab) therapy for severe adult eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2008, 122, 425-427.	1.5	160
72	Important research questions in allergy and related diseases: nonallergic rhinitis: a GA²LEN paper. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 842-853.	2.7	158

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73	Down-Regulation of Autophagy-Related Protein 5 (ATG5) Contributes to the Pathogenesis of Early-Stage Cutaneous Melanoma. Science Translational Medicine, 2013, 5, 202ra123.	5.8	147
74	Expansion of cytokine-producing CD4-CD8- T cells associated with abnormal Fas expression and hypereosinophilia.. Journal of Experimental Medicine, 1996, 183, 1071-1082.	4.2	146
75	Eosinophilic Esophagitis: Red on Microscopy, White on Endoscopy. Digestion, 2004, 70, 109-116.	1.2	143
76	Precision medicine in allergic diseaseâ€"food allergy, drug allergy, and anaphylaxisâ€"<scp>PRACTALL</scp> 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.	2.7	143
77	Calpain-1 Regulates Bax and Subsequent Smac-dependent Caspase-3 Activation in Neutrophil Apoptosis. Journal of Biological Chemistry, 2004, 279, 5947-5957.	1.6	141
78	Eosinophilic disorders. Journal of Allergy and Clinical Immunology, 2007, 119, 1291-1300.	1.5	141
79	Pathogenesis and classification of eosinophil disorders: a review of recent developments in the field. Expert Review of Hematology, 2012, 5, 157-176.	1.0	140
80	NADPH Oxidaseâ€"Independent Formation of Extracellular DNA Traps by Basophils. Journal of Immunology, 2014, 192, 5314-5323.	0.4	138
81	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.	0.4	138
82	ATG5 is induced by DNA-damaging agents and promotes mitotic catastrophe independent of autophagy. Nature Communications, 2013, 4, 2130.	5.8	136
83	Role for Bcl-xL in Delayed Eosinophil Apoptosis Mediated by Granulocyte-Macrophage Colony-Stimulating Factor and Interleukin-5. Blood, 1998, 92, 778-783.	0.6	134
84	Biomarkers of the involvement of mast cells, basophils and eosinophils in asthma and allergic diseases. World Allergy Organization Journal, 2016, 9, 7.	1.6	124
85	Leptin is an eosinophil survival factor. Journal of Allergy and Clinical Immunology, 2005, 116, 1228-1234.	1.5	121
86	Neutrophil extracellular trap formation requires OPA1-dependent glycolytic ATP production. Nature Communications, 2018, 9, 2958.	5.8	121
87	Untangling â€œNETosisâ€•from NETs. European Journal of Immunology, 2019, 49, 221-227.	1.6	121
88	Immunologic and functional evidence for antiâ€“Siglec-9 autoantibodies in intravenous immunoglobulin preparations. Blood, 2006, 108, 4255-4259.	0.6	120
89	Macrophage migration inhibitory factor delays apoptosis in neutrophils by inhibiting the mitochondriaâ€dependent death pathway. FASEB Journal, 2003, 17, 2221-2230.	0.2	115
90	Cytokine Expression in Healthy and Inflamed Mucosa: Probing the Role of Eosinophils in the Digestive Tract. Inflammatory Bowel Diseases, 2005, 11, 720-726.	0.9	115

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91	Neutrophil apoptosis mediated by nicotinic acid receptors (GPR109A). Cell Death and Differentiation, 2008, 15, 134-142.	5.0	115
92	Anti-apoptotic signals of granulocyte-macrophage colony-stimulating factor are transduced via Jak2 tyrosine kinase in eosinophils. European Journal of Immunology, 1997, 27, 3536-3539.	1.6	114
93	Eosinophil extracellular DNA traps in skin diseases. Journal of Allergy and Clinical Immunology, 2011, 127, 194-199.	1.5	114
94	IVIG - mechanisms of action. Allergy: European Journal of Allergy and Clinical Immunology, 2003, 58, 543-552.	2.7	112
95	Active eosinophilic esophagitis is characterized by epithelial barrier defects and eosinophil extracellular trap formation. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 443-452.	2.7	112
96	IL-8 is expressed by human peripheral blood eosinophils. Evidence for increased secretion in asthma. Journal of Immunology, 1995, 154, 5481-90.	0.4	111
97	Intracellular localization of the BCL-2 family member BOK and functional implications. Cell Death and Differentiation, 2013, 20, 785-799.	5.0	109
98	Thymic stromal lymphopoietin stimulates the formation of eosinophil extracellular traps. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 1127-1137.	2.7	108
99	Urticaria: Collegium Internationale Allergologicum (CIA) Update 2020. International Archives of Allergy and Immunology, 2020, 181, 321-333.	0.9	108
100	Eosinophil extracellular DNA traps: molecular mechanisms and potential roles in disease. Current Opinion in Immunology, 2012, 24, 736-739.	2.4	107
101	The physiological and pathophysiological roles of eosinophils in the gastrointestinal tract. Allergy: European Journal of Allergy and Clinical Immunology, 2004, 59, 15-25.	2.7	106
102	NET formation can occur independently of RIPK3 and MLKL signaling. European Journal of Immunology, 2016, 46, 178-184.	1.6	106
103	ROS and glutathionylation balance cytoskeletal dynamics in neutrophil extracellular trap formation. Journal of Cell Biology, 2017, 216, 4073-4090.	2.3	105
104	Clinical and immunological effects of low-dose IFN-Î±treatment in patients with corticosteroid-resistant asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2003, 58, 1250-1255.	2.7	104
105	The Differential Fate of Cadherins during T-Cell-Induced Keratinocyte Apoptosis Leads to Spongiosis in Eczematous Dermatitis. Journal of Investigative Dermatology, 2001, 117, 927-934.	0.3	103
106	Rapid Sequestration of Leishmania mexicana by Neutrophils Contributes to the Development of Chronic Lesion. PLoS Pathogens, 2015, 11, e1004929.	2.1	103
107	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.	1.5	102
108	2B4 (CD244) Is Expressed and Functional on Human Eosinophils. Journal of Immunology, 2005, 174, 110-118.	0.4	100

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109	<scp>EAACI IG</scp> Biologicals task force paper on the use of biologic agents in allergic disorders. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 727-754.	2.7	98
110	Intravenous immunoglobulin preparations contain antiâ€“Siglec-8 autoantibodies. Journal of Allergy and Clinical Immunology, 2007, 119, 1005-1011.	1.5	97
111	Extracellular <scp>DNA</scp> traps in allergic, infectious, and autoimmune diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 409-416.	2.7	95
112	Regulation of eosinophil and neutrophil apoptosis - similarities and differences. Immunological Reviews, 2001, 179, 156-162.	2.8	94
113	Inflammation-Associated Autophagy-Related Programmed Necrotic Death of Human Neutrophils Characterized by Organelle Fusion Events. Journal of Immunology, 2011, 186, 6532-6542.	0.4	94
114	The generation of neutrophils in the bone marrow is controlled by autophagy. Cell Death and Differentiation, 2015, 22, 445-456.	5.0	94
115	Siglec-9 Regulates an Effector Memory CD8+ T-cell Subset That Congregates in the Melanoma Tumor Microenvironment. Cancer Immunology Research, 2019, 7, 707-718.	1.6	94
116	Role of petasin in the potential anti-inflammatory activity of a plant extract of petasites hybridus11Abbreviations: AA, arachidonic acid; [Ca2+]i, cytosolic free calcium concentration; cPLA2, cytosolic phospholipase A2; C5a, complement factor C5a; FLAP, 5-LO-activating protein; GM-CSF, granulocyte-macrophage colony-stimulating factor; IL, interleukin; IP3, inositol trisphosphate; 5-LO, 5-lipoxygenase; LT, leukotriene; MAPK, mitogen-activated protein kinase; mAb, monoclonal antibody; PAF, platelet-activatin. Biochemical Pharmacology, 2001, 61, 1041-1047.	2.0	93
117	Cisplatin activates Akt in small cell lung cancer cells and attenuates apoptosis by survivin upregulation. International Journal of Cancer, 2005, 117, 755-763.	2.3	93
118	Eosinophilic esophagitis in adults ? no clinical relevance of wheat and rye sensitizations. Allergy: European Journal of Allergy and Clinical Immunology, 2006, 61, 1480-1483.	2.7	93
119	Eosinophils suppress Th1 responses and restrict bacterially induced gastrointestinal inflammation. Journal of Experimental Medicine, 2018, 215, 2055-2072.	4.2	93
120	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, 887-895.	1.5	92
121	Novel targeted therapies for eosinophilic disorders. Journal of Allergy and Clinical Immunology, 2012, 130, 563-571.	1.5	90
122	Concurrent presence of agonistic and antagonistic anti-CD95 autoantibodies in intravenous Ig preparations. Journal of Allergy and Clinical Immunology, 2003, 112, 1185-1190.	1.5	88
123	Toxicity of Eosinophil MBP Is Repressed by Intracellular Crystallization and Promoted by Extracellular Aggregation. Molecular Cell, 2015, 57, 1011-1021.	4.5	88
124	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, 389-397.	1.7	87
125	The human IgG anti-carbohydrate repertoire exhibits a universal architecture and contains specificity for microbial attachment sites. Science Translational Medicine, 2015, 7, 269ra1.	5.8	87
126	Evidence for a role of eosinophils in blister formation in bullous pemphigoid. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1105-1113.	2.7	85

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127	Targeting autophagy as a potential therapeutic approach for melanoma therapy. Seminars in Cancer Biology, 2013, 23, 352-360.	4.3	82
128	Cell Death Modulation by Intravenous Immunoglobulin. Journal of Clinical Immunology, 2010, 30, 24-30.	2.0	81
129	Targeting Siglecsâ€"A novel pharmacological strategy for immuno- and glycotherapy. Biochemical Pharmacology, 2011, 82, 323-332.	2.0	81
130	CD137 activation abrogates granulocyte-macrophage colony-stimulating factor-mediated anti-apoptosis in neutrophils. European Journal of Immunology, 2000, 30, 3441-3446.	1.6	80
131	Expression and function of the Fas receptor on human blood and tissue eosinophils. European Journal of Immunology, 1996, 26, 1775-1780.	1.6	79
132	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.	4.2	79
133	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, 304-311.	1.0	78
134	Critical Role for Caspases 3 and 8 in Neutrophil But Not Eosinophil Apoptosis. International Archives of Allergy and Immunology, 2001, 126, 147-156.	0.9	78
135	Neither eosinophils nor neutrophils require <scp>ATG</scp>5â€dependent autophagy for extracellular <scp>DNA</scp> trap formation. Immunology, 2017, 152, 517-525.	2.0	78
136	Regulation of the innate immune system by autophagy: neutrophils, eosinophils, mast cells, NK cells. Cell Death and Differentiation, 2019, 26, 703-714.	5.0	77
137	High serum thymus and activation-regulated chemokine levels in the lymphocytic variant of the hypereosinophilic syndrome. Journal of Allergy and Clinical Immunology, 2002, 110, 476-479.	1.5	76
138	Functional expression of CD134 by neutrophils. European Journal of Immunology, 2004, 34, 2268-2275.	1.6	76
139	Epigallocatechinâ€3â€gallate induces cell death in acute myeloid leukaemia cells and supports allâ€trans retinoic acidâ€induced neutrophil differentiation via deathâ€associated protein kinase 2. British Journal of Haematology, 2010, 149, 55-64.	1.2	76
140	A novel TNFR1-triggered apoptosis pathway mediated by class IA PI3Ks in neutrophils. Blood, 2011, 117, 5953-5962.	0.6	76
141	Evidence for defective transmembrane signaling in B cells from patients with Wiskott-Aldrich syndrome.. Journal of Clinical Investigation, 1992, 90, 1396-1405.	3.9	76
142	Neutrophil extracellular traps in cancer. Seminars in Cancer Biology, 2022, 79, 91-104.	4.3	75
143	p73 regulates autophagy and hepatocellular lipid metabolism through a transcriptional activation of the ATG5 gene. Cell Death and Differentiation, 2013, 20, 1415-1424.	5.0	74
144	Suppression of the immune system by oral glucocorticoid therapy in bronchial asthma. Allergy: European Journal of Allergy and Clinical Immunology, 1997, 52, 144-154.	2.7	73

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145	Inhibitory Activity of Tryptanthrin on Prostaglandin and Leukotriene Synthesis. Planta Medica, 2002, 68, 875-880.	0.7	73
146	Interleukin-2 primes eosinophil degranulation in hypereosinophilia and Wells' syndrome. European Journal of Immunology, 2003, 33, 834-839.	1.6	73
147	Necroptosis and neutrophil-associated disorders. Cell Death and Disease, 2018, 9, 111.	2.7	71
148	Earlyâ€Onset and Adult Periodontitis Associated With Abnormal Cytokine Production by Activated T Lymphocytes. Journal of Periodontology, 1998, 69, 1098-1104.	1.7	69
149	Functional CD137 receptors are expressed by eosinophils from patients with IgE-mediated allergic responses but not by eosinophils from patients with nonâ€“IgE-mediated eosinophilic disordersâ˜†. Journal of Allergy and Clinical Immunology, 2001, 108, 21-28.	1.5	69
150	IVIG pluripotency and the concept of Fc-sialylation: challenges to the scientist. Nature Reviews Immunology, 2014, 14, 349-349.	10.6	68
151	Autophagy suppresses melanoma tumorigenesis by inducing senescence. Autophagy, 2014, 10, 372-373.	4.3	67
152	In vivo evidence for extracellular DNA trap formation. Cell Death and Disease, 2020, 11, 300.	2.7	67
153	HAMLET (human Î±â€lactalbumin made lethal to tumor cells) triggers autophagic tumor cell death. International Journal of Cancer, 2009, 124, 1008-1019.	2.3	66
154	Basophils exhibit antibacterial activity through extracellular trap formation. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1184-1188.	2.7	66
155	Eosinophilic bioactivities in severe asthma. World Allergy Organization Journal, 2016, 9, 21.	1.6	66
156	Neutrophil Necroptosis Is Triggered by Ligation of Adhesion Molecules following GM-CSF Priming. Journal of Immunology, 2016, 197, 4090-4100.	0.4	66
157	Retrograde signaling from autophagy modulates stress responses. Science Signaling, 2017, 10, .	1.6	65
158	The Cellular Functions of Eosinophils: Collegium Internationale Allergologicum (CIA) Update 2020. International Archives of Allergy and Immunology, 2020, 181, 11-23.	0.9	65
159	Anti-inflammatory activity of an extract of Petasites hybridus in allergic rhinitis. International Immunopharmacology, 2002, 2, 997-1006.	1.7	64
160	NETosis â€“ Does It Really Represent Natureâ€™s â€œSuicide Bomberâ€?. Frontiers in Immunology, 2016, 7, 328.	2.2	61
161	Evidence of an abnormal epithelial barrier in active, untreated and corticosteroidâ€treated eosinophilic esophagitis. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 239-247.	2.7	60
162	Rethinking neutrophils and eosinophils in chronic rhinosinusitis. Journal of Allergy and Clinical Immunology, 2021, 148, 327-335.	1.5	60

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163	Role for Tyrosine Phosphorylation and Lyn Tyrosine Kinase in Fas Receptor-Mediated Apoptosis in Eosinophils. Blood, 1998, 92, 547-557.	0.6	60
164	Mathematical modeling of the regulation of caspase-3 activation and degradation. Journal of Theoretical Biology, 2005, 234, 123-131.	0.8	59
165	Natural anti-Siglec autoantibodies mediate potential immunoregulatory mechanisms: Implications for the clinical use of intravenous immunoglobulins (IVIg). Autoimmunity Reviews, 2008, 7, 453-456.	2.5	58
166	Th17 cells and tissue remodeling in atopic and contact dermatitis. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 125-131.	2.7	58
167	Sildenafil Potentiates a cGMP-Dependent Pathway to Promote Melanoma Growth. Cell Reports, 2016, 14, 2599-2610.	2.9	58
168	Targeting anticoagulant protein S to improve hemostasis in hemophilia. Blood, 2018, 131, 1360-1371.	0.6	57
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