Marc E Rothenberg

List of Publications by Year
in descending order

490 papers	52,801 citations	765 · 123 h-index	1964 · 213 g-index
589 all docs	589 docs citations	589 times ranked	29676 citing authors

#	Article	IF	Citations
1	Eosinophilic esophagitis: Updated consensus recommendations for children and adults. Journal of Allergy and Clinical Immunology, 2011, 128, 3-20.e6.	1.5	1,839
2	MicroRNA. Journal of Allergy and Clinical Immunology, 2018, 141, 1202-1207.	1.5	1,587
3	Eosinophilic Esophagitis in Children and Adults: A Systematic Review and Consensus Recommendations for Diagnosis and Treatment. Gastroenterology, 2007, 133, 1342-1363.	0.6	1,547
4	THE EOSINOPHIL. Annual Review of Immunology, 2006, 24, 147-174.	9.5	1,325
5	Eosinophilia. New England Journal of Medicine, 1998, 338, 1592-1600.	13.9	888
6	Eosinophilic gastrointestinal disorders (EGID)â˜†. Journal of Allergy and Clinical Immunology, 2004, 113, 11-28.	1.5	804
7	Eotaxin-3 and a uniquely conserved gene-expression profile in eosinophilic esophagitis. Journal of Clinical Investigation, 2006, 116, 536-547.	3.9	750
8	Eosinophilic Esophagitis. New England Journal of Medicine, 2004, 351, 940-941.	13.9	726
9	Updated International Consensus Diagnostic Criteria for Eosinophilic Esophagitis: Proceedings of the AGREE Conference. Gastroenterology, 2018, 155, 1022-1033.e10.	0.6	712
10	Eosinophils: Biological Properties and Role in Health and Disease. Clinical and Experimental Allergy, 2008, 38, 709-750.	1.4	702
11	Human eotaxin is a specific chemoattractant for eosinophil cells and provides a new mechanism to explain tissue eosinophilia. Nature Medicine, 1996, 2, 449-456.	15.2	657
12	An etiological role for aeroallergens and eosinophils in experimental esophagitis. Journal of Clinical Investigation, 2001, 107, 83-90.	3.9	567
13	A Randomized, Double-Blind, Placebo-Controlled Trial of Fluticasone Propionate for Pediatric Eosinophilic Esophagitis. Gastroenterology, 2006, 131, 1381-1391.	0.6	548
14	Treatment of Patients with the Hypereosinophilic Syndrome with Mepolizumab. New England Journal of Medicine, 2008, 358, 1215-1228.	13.9	536
15	MicroRNA-21 Is Up-Regulated in Allergic Airway Inflammation and Regulates IL-12p35 Expression. Journal of Immunology, 2009, 182, 4994-5002.	0.4	536
16	Targeted Disruption of the Chemokine Eotaxin Partially Reduces Antigen-induced Tissue Eosinophilia. Journal of Experimental Medicine, 1997, 185, 785-790.	4.2	503
17	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
18	Reslizumab in children and adolescents with eosinophilic esophagitis: Results of a double-blind, randomized, placebo-controlled trial. Journal of Allergy and Clinical Immunology, 2012, 129, 456-463.e3.	1.5	455

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19	Human eosinophils have prolonged survival, enhanced functional properties, and become hypodense when exposed to human interleukin 3.. Journal of Clinical Investigation, 1988, 81, 1986-1992.	3.9	431
20	Antiâ€“IL-5 (mepolizumab) therapy for eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2006, 118, 1312-1319.	1.5	412
21	Regulation of human eosinophil viability, density, and function by granulocyte/macrophage colony-stimulating factor in the presence of 3T3 fibroblasts.. Journal of Experimental Medicine, 1987, 166, 129-141.	4.2	405
22	Common variants at 5q22 associate with pediatric eosinophilic esophagitis. Nature Genetics, 2010, 42, 289-291.	9.4	397
23	IL-13 involvement in eosinophilic esophagitis: Transcriptome analysis and reversibility with glucocorticoids. Journal of Allergy and Clinical Immunology, 2007, 120, 1292-1300.	1.5	395
24	Targeting eosinophils in allergy, inflammation and beyond. Nature Reviews Drug Discovery, 2013, 12, 117-129.	21.5	391
25	Intratracheal IL-13 induces eosinophilic esophagitis by an IL-5, eotaxin-1, and STAT6-dependent mechanism1 1The authors thank Andrea Lippelman for editorial assistance; Drs. Fred Finkelman, Eric Brandt, Simon Hogan, and Paul Foster for helpful discussions and/or reagents; Drs. James and Nancy		

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37	A pathological function for eotaxin and eosinophils in eosinophilic gastrointestinal inflammation. Nature Immunology, 2001, 2, 353-360.	7.0	297
38	Chemokines in asthma: Cooperative interaction between chemokines and IL-13. Journal of Allergy and Clinical Immunology, 2003, 111, 227-242.	1.5	286
39	Biology and Treatment of Eosinophilic Esophagitis. Gastroenterology, 2009, 137, 1238-1249.	0.6	279
40	Elevated basal serum tryptase identifies a multisystem disorder associated with increased TPSAB1 copy number. Nature Genetics, 2016, 48, 1564-1569.	9.4	279
41	Proton pump inhibitor-responsive oesophageal eosinophilia: an entity challenging current diagnostic criteria for eosinophilic oesophagitis. Gut, 2016, 65, 524-531.	6.1	279
42	Chapter 3 Biology of the Eosinophil. Advances in Immunology, 2009, 101, 81-121.	1.1	275
43	Refining the definition of hypereosinophilic syndrome. Journal of Allergy and Clinical Immunology, 2010, 126, 45-49.	1.5	273
44	Eosinophil responses during COVID-19 infections and coronavirus vaccination. Journal of Allergy and Clinical Immunology, 2020, 146, 1-7.	1.5	273
45	Eotaxin is required for the baseline level of tissue eosinophils. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 6273-6278.	3.3	266
46	IL-13 induces eosinophil recruitment into the lung by an IL-5â€“ and eotaxin-dependent mechanism. Journal of Allergy and Clinical Immunology, 2001, 108, 594-601.	1.5	264
47	Involvement of mast cells in eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2010, 126, 140-149.	1.5	261
48	Clinical and immunopathologic effects of swallowed fluticasone for eosinophilic esophagitis. Clinical Gastroenterology and Hepatology, 2004, 2, 568-575.	2.4	258
49	Coordinate Interaction between IL-13 and Epithelial Differentiation Cluster Genes in Eosinophilic Esophagitis. Journal of Immunology, 2010, 184, 4033-4041.	0.4	257
50	Intravenous antiâ€“IL-13 mAb QAX576 for the treatment of eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2015, 135, 500-507.	1.5	253
51	Desmoglein-1 regulates esophageal epithelial barrier function and immune responses in eosinophilic esophagitis. Mucosal Immunology, 2014, 7, 718-729.	2.7	251
52	Intrinsic Defect in T Cell Production of Interleukin (IL)-13 in the Absence of Both IL-5 and Eotaxin Precludes the Development of Eosinophilia and Airways Hyperreactivity in Experimental Asthma. Journal of Experimental Medicine, 2002, 195, 1433-1444.	4.2	250
53	Interleukin-4 Receptor Î± Signaling in Myeloid Cells Controls Collagen Fibril Assembly in Skin Repair. Immunity, 2015, 43, 803-816.	6.6	250
54	Quantity and Distribution of Eosinophils in the Gastrointestinal Tract of Children. Pediatric and Developmental Pathology, 2006, 9, 210-218.	0.5	249

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55	Gastrointestinal eosinophils. Immunological Reviews, 2001, 179, 139-155.	2.8	247
56	IL-9â€" and mast cellâ€"mediated intestinal permeability predisposes to oral antigen hypersensitivity. Journal of Experimental Medicine, 2008, 205, 897-913.	4.2	246
57	Importance of Cytokines in Murine Allergic Airway Disease and Human Asthma. Journal of Immunology, 2010, 184, 1663-1674.	0.4	246
58	Genome-wide association analysis of eosinophilic esophagitis provides insight into the tissue specificity of this allergic disease. Nature Genetics, 2014, 46, 895-900.	9.4	243
59	A striking local esophageal cytokine expression profile inÂeosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2011, 127, 208-217.e7.	1.5	241
60	Comparative dietary therapy effectiveness in remission of pediatric eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2012, 129, 1570-1578.	1.5	241
61	Esophageal Remodeling Develops as a Consequence of Tissue Specific IL-5-Induced Eosinophilia. Gastroenterology, 2008, 134, 204-214.	0.6	240
62	Periostin facilitates eosinophil tissue infiltration in allergic lung and esophageal responses. Mucosal Immunology, 2008, 1, 289-296.	2.7	239
63	Distinct roles for IL-13 and IL-4 via IL-13 receptor Î±1 and the type II IL-4 receptor in asthma pathogenesis. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 7240-7245.	3.3	238
64	Intestinal epithelial cell secretion of RELM-Î² protects against gastrointestinal worm infection. Journal of Experimental Medicine, 2009, 206, 2947-2957.	4.2	236
65	CCR3 is a target for age-related macular degeneration diagnosis and therapy. Nature, 2009, 460, 225-230.	13.7	236
66	Variants of thymic stromal lymphopoietin and its receptor associate with eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2010, 126, 160-165.e3.	1.5	236
67	Interleukin 5 and phenotypically altered eosinophils in the blood of patients with the idiopathic hypereosinophilic syndrome.. Journal of Experimental Medicine, 1989, 170, 343-348.	4.2	229
68	The Eotaxin Chemokines and CCR3 Are Fundamental Regulators of Allergen-Induced Pulmonary Eosinophilia. Journal of Immunology, 2005, 175, 5341-5350.	0.4	222
69	Twin and family studies reveal strong environmental and weaker genetic cues explaining heritability of eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2014, 134, 1084-1092.e1.	1.5	218
70	Pathogenesis and clinical features of eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2001, 108, 891-894.	1.5	216
71	Immunotherapy of Cytotoxic T Cellâ€"resistant Tumors by T Helper 2 Cells. Journal of Experimental Medicine, 2003, 197, 387-393.	4.2	213
72	Molecular Diagnosis of Eosinophilic Esophagitis by Gene Expression Profiling. Gastroenterology, 2013, 145, 1289-1299.	0.6	212

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73	Eosinophils and Cancer. Cancer Immunology Research, 2014, 2, 1-8.	1.6	210
74	Transcriptome analysis of proton pump inhibitorâ€"responsive esophageal eosinophilia reveals proton pump inhibitorâ€"reversible allergic inflammation. Journal of Allergy and Clinical Immunology, 2015, 135, 187-197.e4.	1.5	208
75	Human monocyte chemoattractant protein (MCP)-4 is a novel CC chemokine with activities on monocytes, eosinophils, and basophils induced in allergic and nonallergic inflammation that signals through the CC chemokine receptors (CCR)-2 and -3. Journal of Immunology, 1996, 157, 5613-26.	0.4	208
76	Elemental signals regulating eosinophil accumulation in the lung. Immunological Reviews, 2001, 179, 173-181.	2.8	207
77	Efficacy, Dose Reduction, and Resistance to High-Dose Fluticasone inÂPatients With Eosinophilic Esophagitis. Gastroenterology, 2014, 147, 324-333.e5.	0.6	200
78	Dissociation Between Symptoms and Histological Severity in Pediatric Eosinophilic Esophagitis. Journal of Pediatric Gastroenterology and Nutrition, 2009, 48, 152-160.	0.9	199
79	Diagnostic, functional, and therapeutic roles of microRNA in allergic diseases. Journal of Allergy and Clinical Immunology, 2013, 132, 3-13.	1.5	197
80	Epicutaneous Antigen Exposure Primes for Experimental Eosinophilic Esophagitis in Mice. Gastroenterology, 2005, 129, 985-994.	0.6	196
81	Constitutive and allergen-induced expression of eotaxin mRNA in the guinea pig lung.. Journal of Experimental Medicine, 1995, 181, 1211-1216.	4.2	195
82	Local B cells and IgE production in the oesophageal mucosa in eosinophilic oesophagitis. Gut, 2010, 59, 12-20.	6.1	191
83	A central regulatory role for eosinophils and the eotaxin/CCR3 axis in chronic experimental allergic airway inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16418-16423.	3.3	188
84	Molecular mechanisms of anaphylaxis: Lessons from studies with murine models. Journal of Allergy and Clinical Immunology, 2005, 115, 449-457.	1.5	186
85	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
86	IL-13 Induces Esophageal Remodeling and Gene Expression by an Eosinophil-Independent, IL-13RÎ±2â€"Inhibited Pathway. Journal of Immunology, 2010, 185, 660-669.	0.4	185
87	Molecular, Genetic, and Cellular Bases for Treating Eosinophilic Esophagitis. Gastroenterology, 2015, 148, 1143-1157.	0.6	185
88	IL-5-dependent conversion of normodense human eosinophils to the hypodense phenotype uses 3T3 fibroblasts for enhanced viability, accelerated hypodensity, and sustained antibody-dependent cytotoxicity. Journal of Immunology, 1989, 143, 2311-6.	0.4	185
89	Eosinophilic esophagitis: Pathogenesis, genetics, and therapy. Journal of Allergy and Clinical Immunology, 2006, 118, 1054-1059.	1.5	183
90	RPC4046, a Monoclonal Antibody Against IL13, ReducesÂHistologic and Endoscopic Activity in Patients With Eosinophilic Esophagitis. Gastroenterology, 2019, 156, 592-603.e10.	0.6	182

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91	Potential of Blood Eosinophils, Eosinophil-Derived Neurotoxin, and Eotaxin-3 as Biomarkers of Eosinophilic Esophagitis. Clinical Gastroenterology and Hepatology, 2006, 4, 1328-1336.	2.4	180
92	Induction of Interleukin-9-Producing Mucosal Mast Cells Promotes Susceptibility to IgE-Mediated Experimental Food Allergy. Immunity, 2015, 43, 788-802.	6.6	178
93	Regulation of Carcinogenesis by IL-5 and CCL11: A Potential Role for Eosinophils in Tumor Immune Surveillance. Journal of Immunology, 2007, 178, 4222-4229.	0.4	176
94	Health-Related Quality of Life Across Pediatric Chronic Conditions. Journal of Pediatrics, 2010, 156, 639-644.	0.9	176
95	Antiâ€“Siglec-8 Antibody for Eosinophilic Gastritis and Duodenitis. New England Journal of Medicine, 2020, 383, 1624-1634.	13.9	173
96	The Effect of IL-5 and Eotaxin Expression in the Lung on Eosinophil Trafficking and Degranulation and the Induction of Bronchial Hyperreactivity. Journal of Immunology, 2000, 164, 2142-2150.	0.4	171
97	Inhibition of human interleukin-13-induced respiratory and oesophageal inflammation by anti-human-interleukin-13 antibody (CAT-354). Clinical and Experimental Allergy, 2005, 35, 1096-1103.	1.4	171
98	Eosinophil-associated gastrointestinal disorders: A world-wide-web based registry. Journal of Pediatrics, 2002, 141, 576-581.	0.9	170
99	A critical role for eotaxin in experimental oral antigen-induced eosinophilic gastrointestinal allergy. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 6681-6686.	3.3	169
100	Defective T cell development and function in calcineurin AÂ-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9398-9403.	3.3	168
101	Eotaxin. American Journal of Respiratory Cell and Molecular Biology, 1999, 21, 291-295.	1.4	164
102	Transgenic Expression of Bean Î±-Amylase Inhibitor in Peas Results in Altered Structure and Immunogenicity. Journal of Agricultural and Food Chemistry, 2005, 53, 9023-9030.	2.4	161
103	Murine Eotaxin-2: A Constitutive Eosinophil Chemokine Induced by Allergen Challenge and IL-4 Overexpression. Journal of Immunology, 2000, 165, 5839-5846.	0.4	158
104	Eosinophils in mucosal immune responses. Mucosal Immunology, 2015, 8, 464-475.	2.7	158
105	IL-1Î² in eosinophil-mediated small intestinal homeostasis and IgA production. Mucosal Immunology, 2015, 8, 930-942.	2.7	157
106	Newly developed and validated eosinophilic esophagitis histology scoring system and evidence that it outperforms peak eosinophil count for disease diagnosis and monitoring. Ecological Management and Restoration, 2016, 30, n/a-n/a.	0.2	154
107	Critical role for adaptive T cell immunity in experimental eosinophilic esophagitis in mice. Journal of Leukocyte Biology, 2007, 81, 916-924.	1.5	152
108	Long-term safety of mepolizumab for the treatment of hypereosinophilic syndromes. Journal of Allergy and Clinical Immunology, 2013, 131, 461-467.e5.	1.5	151

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109	High prevalence of eosinophilic esophagitis in patients with inherited connective tissue disorders. Journal of Allergy and Clinical Immunology, 2013, 132, 378-386.	1.5	150
110	Molecular and Biological Characterization of the Murine Leukotriene B4 Receptor Expressed on Eosinophils. Journal of Experimental Medicine, 1998, 188, 1063-1074.	4.2	146
111	Intestinal Macrophage/Epithelial Cell-Derived CCL11/Eotaxin-1 Mediates Eosinophil Recruitment and Function in Pediatric Ulcerative Colitis. Journal of Immunology, 2008, 181, 7390-7399.	0.4	146
112	MicroRNA signature in patients with eosinophilic esophagitis, reversibility with glucocorticoids, and assessment as disease biomarkers. Journal of Allergy and Clinical Immunology, 2012, 129, 1064-1075.e9.	1.5	145
113	The Regulatory Function of Eosinophils. Microbiology Spectrum, 2016, 4, .	1.2	145
114	Interleukin-13 Mediates Airways Hyperreactivity through the IL-4 Receptor-Alpha Chain and STAT-6 Independently of IL-5 and Eotaxin. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 522-530.	1.4	144
115	The R576 IL-4 receptor Î± allele correlates with asthma severityâ˜†â˜†â˜†â˜…. Journal of Allergy and Clinical Immunology, 1999, 104, 1008-1014.	1.5	143
116	Resistin-like molecule Î² regulates innate colonic function: Barrier integrity and inflammation susceptibility. Journal of Allergy and Clinical Immunology, 2006, 118, 257-268.	1.5	141
117	Liver microRNA-21 is overexpressed in non-alcoholic steatohepatitis and contributes to the disease in experimental models by inhibiting PPARÎ± expression. Gut, 2016, 65, 1882-1894.	6.1	140
118	Identification of a Cooperative Mechanism Involving Interleukin-13 and Eotaxin-2 in Experimental Allergic Lung Inflammation. Journal of Biological Chemistry, 2005, 280, 13952-13961.	1.6	137
119	Formation and stability of ring-substituted 1-phenylethyl carbocations. Journal of the American Chemical Society, 1984, 106, 1361-1372.	6.6	135
120	Eosinophilic oesophagitis endotype classification by molecular, clinical, and histopathological analyses: a cross-sectional study. The Lancet Gastroenterology and Hepatology, 2018, 3, 477-488.	3.7	135
121	Eosinophils cocultured with endothelial cells have increased survival and functional properties. Science, 1987, 237, 645-647.	6.0	134
122	Histologic eosinophilic gastritis is a systemic disorder associated with blood and extragastric eosinophilia, TH2Âimmunity, and a unique gastric transcriptome. Journal of Allergy and Clinical Immunology, 2014, 134, 1114-1124.	1.5	134
123	Role of the monocyte chemoattractant protein and eotaxin subfamily of chemokines in allergic inflammation. Journal of Leukocyte Biology, 1997, 62, 620-633.	1.5	133
124	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. Nature Medicine, 2013, 19, 232-237.	15.2	127
125	T cellâ€“intrinsic ASC critically promotes TH17-mediated experimental autoimmune encephalomyelitis. Nature Immunology, 2016, 17, 583-592.	7.0	127
126	Prevalence and Outcome of Allergic Colitis in Healthy Infants with Rectal Bleeding: A Prospective Cohort Study. Journal of Pediatric Gastroenterology and Nutrition, 2005, 41, 16-22.	0.9	125

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127	Analysis and expansion of the eosinophilic esophagitis transcriptome by RNA sequencing. Genes and Immunity, 2014, 15, 361-369.	2.2	123
128	Eosinophilic esophagitisâ€"linked calpain 14 is an IL-13â€"induced protease that mediates esophageal epithelial barrier impairment. JCI Insight, 2016, 1, e86355.	2.3	123
129	Single-cell RNA sequencing identifies inflammatory tissue T cells in eosinophilic esophagitis. Journal of Clinical Investigation, 2019, 129, 2014-2028.	3.9	123
130	IL-25 and CD4+ TH2 cells enhance type 2 innate lymphoid cellâ€"derived IL-13 production, which promotes IgE-mediated experimental food allergy. Journal of Allergy and Clinical Immunology, 2016, 137, 1216-1225.e5.	1.5	122
131	Long-term outcomes in pediatric-onset esophageal eosinophilia. Journal of Allergy and Clinical Immunology, 2011, 128, 132-138.	1.5	121
132	Esophageal Organoids from Human Pluripotent Stem Cells Delineate Sox2 Functions during Esophageal Specification. Cell Stem Cell, 2018, 23, 501-515.e7.	5.2	121
133	CC Chemokine Receptor-3 Undergoes Prolonged Ligand-induced Internalization. Journal of Biological Chemistry, 1999, 274, 12611-12618.	1.6	119
134	Modulatory calcineurin-interacting proteins 1 and 2 function as calcineurin facilitators in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7327-7332.	3.3	118
135	Siglecâ€F antibody administration to mice selectively reduces blood and tissue eosinophils. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 1156-1163.	2.7	118
136	Roles and Regulation of Gastrointestinal Eosinophils in Immunity and Disease. Journal of Immunology, 2014, 193, 999-1005.	0.4	118
137	Pediatric Eosinophilic Esophagitis Symptom Scores (PEESS v2.0) identify histologic and molecular correlates of the key clinical features of disease. Journal of Allergy and Clinical Immunology, 2015, 135, 1519-1528.e8.	1.5	118
138	Transcript Signatures in Experimental Asthma: Identification of STAT6-Dependent and -Independent Pathways. Journal of Immunology, 2004, 172, 1815-1824.	0.4	117
139	Genetic dissection of eosinophilic esophagitis provides insight into disease pathogenesis and treatment strategies. Journal of Allergy and Clinical Immunology, 2011, 128, 23-32.	1.5	115
140	Expression and Regulation of a Disintegrin and Metalloproteinase (ADAM) 8 in Experimental Asthma. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 257-265.	1.4	111
141	Identification, epidemiology, and chronicity of pediatric esophageal eosinophilia, 1982-1999. Journal of Allergy and Clinical Immunology, 2010, 126, 112-119.	1.5	110
142	Mendelian inheritance of elevated serum tryptase associated with atopy and connective tissue abnormalities. Journal of Allergy and Clinical Immunology, 2014, 133, 1471-1474.	1.5	110
143	Interplay of Adaptive Th2 Immunity with Eotaxin-3/C-C Chemokine Receptor 3 in Eosinophilic Esophagitis. Journal of Pediatric Gastroenterology and Nutrition, 2007, 45, 22-31.	0.9	108
144	Eotaxin-2 and IL-5 cooperate in the lung to regulate IL-13 production and airway eosinophilia and hyperreactivity. Journal of Allergy and Clinical Immunology, 2003, 112, 935-943.	1.5	106

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145	Arginase I Suppresses IL-12/IL-23p40â€"Driven Intestinal Inflammation during Acute Schistosomiasis. Journal of Immunology, 2010, 184, 6438-6446.	0.4	106
146	A murine model of allergic rhinitis: Studies on the role of IgE in pathogenesis and analysis of the eosinophil influx elicited by allergen and eotaxin. Journal of Allergy and Clinical Immunology, 1998, 102, 65-74.	1.5	105
147	Efficacy and safety of mepolizumab in hypereosinophilic syndrome: AÂphase III, randomized, placebo-controlled trial. Journal of Allergy and Clinical Immunology, 2020, 146, 1397-1405.	1.5	105
148	Persistent Effects Induced by IL-13 in the Lung. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 337-346.	1.4	104
149	Colonic Eosinophilic Inflammation in Experimental Colitis Is Mediated by Ly6Chigh CCR2+ Inflammatory Monocyte/Macrophage-Derived CCL11. Journal of Immunology, 2011, 186, 5993-6003.	0.4	104
150	Gastrointestinal Eosinophils in Health and Disease. Advances in Immunology, 2001, 78, 291-328.	1.1	103
151	Clinical, Pathologic, and Molecular Characterization of Familial Eosinophilic Esophagitis Compared With Sporadic Cases. Clinical Gastroenterology and Hepatology, 2008, 6, 621-629.	2.4	103
152	Pulmonary Chemokine Expression Is Coordinately Regulated by STAT1, STAT6, and IFN-Î³. Journal of Immunology, 2004, 173, 7565-7574.	0.4	100
153	IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts. Journal of Allergy and Clinical Immunology, 2006, 117, 590-596.	1.5	97
154	Inhibition of Arginase I Activity by RNA Interference Attenuates IL-13-Induced Airways Hyperresponsiveness. Journal of Immunology, 2006, 177, 5595-5603.	0.4	94
155	Basic Pathogenesis of Eosinophilic Esophagitis. Gastrointestinal Endoscopy Clinics of North America, 2008, 18, 133-143.	0.6	93
156	Interleukin-15 Expression Is Increased in Human Eosinophilic Esophagitis and Mediates Pathogenesis in Mice. Gastroenterology, 2010, 139, 182-193.e7.	0.6	93
157	Leveraging Multilayered â€œOmicsâ€• Data for Atopic Dermatitis: A Road Map to Precision Medicine. Frontiers in Immunology, 2018, 9, 2727.	2.2	93
158	Advances in mechanisms of asthma, allergy, and immunology in 2010. Journal of Allergy and Clinical Immunology, 2011, 127, 689-695.	1.5	92
159	Increasing Rates of Diagnosis, Substantial Co-Occurrence, and Variable Treatment Patterns of Eosinophilic Gastritis, Gastroenteritis, and Colitis Based on 10-Year Data Across a Multicenter Consortium. American Journal of Gastroenterology, 2019, 114, 984-994.	0.2	92
160	Development of a validated patient-reported symptom metric for pediatric Eosinophilic Esophagitis: qualitative methods. BMC Gastroenterology, 2011, 11, 126.	0.8	91
161	Prenatal, intrapartum, and postnatal factors are associated with pediatric eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2018, 141, 214-222.	1.5	91
162	Influence of cigarette smoke on the arginineÂpathway in asthmatic airways: Increased expression of arginase I. Journal of Allergy and Clinical Immunology, 2007, 119, 391-397.	1.5	90

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163	Novel targeted therapies for eosinophilic disorders. Journal of Allergy and Clinical Immunology, 2012, 130, 563-571.	1.5	90
164	Negative regulation of eosinophil recruitment to the lung by the chemokine monokine induced by IFN-Î³ (Mig, CXCL9). Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1987-1992.	3.3	89
165	Eosinophil viability is increased by acidic pH in a cAMP- and GPR65-dependent manner. Blood, 2009, 114, 2774-2782.	0.6	89
166	Organ-specific eosinophilic disorders of the skin, lung, and gastrointestinal tract. Journal of Allergy and Clinical Immunology, 2010, 126, 3-13.	1.5	88
167	PedsQL Eosinophilic Esophagitis Module. Journal of Pediatric Gastroenterology and Nutrition, 2013, 57, 57-66.	0.9	87
168	Enterocyte Expression of the Eotaxin and Interleukin-5 Transgenes Induces Compartmentalized Dysregulation of Eosinophil Trafficking. Journal of Biological Chemistry, 2002, 277, 4406-4412.	1.6	86
169	IL-33 Markedly Activates Murine Eosinophils by an NF-Î°Bâ€"Dependent Mechanism Differentially Dependent upon an IL-4â€"Driven Autoinflammatory Loop. Journal of Immunology, 2013, 191, 4317-4325.	0.4	85
170	Chromatin regulates IL-33 release and extracellular cytokine activity. Nature Communications, 2018, 9, 3244.	5.8	85
171	Epicutaneous aeroallergen exposure induces systemic TH2 immunity that predisposes to allergic nasal responses. Journal of Allergy and Clinical Immunology, 2006, 118, 62-69.	1.5	84
172	Calpain-14 and its association with eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2017, 139, 1762-1771.e7.	1.5	83
173	Chemokines and chemokine receptors: their role in allergic airway disease. Journal of Clinical Immunology, 1999, 19, 250-265.	2.0	82
174	Receptor internalization is required for eotaxin-induced responses in human eosinophils. Journal of Allergy and Clinical Immunology, 2003, 111, 97-105.	1.5	82
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