

Marc E Rothenberg

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427
papers

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114
h-index

191
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589
ext. papers

47,691
ext. citations

7.8
avg, IF

7.66
L-index

#	Paper	IF	Citations
427	Eosinophilic esophagitis: updated consensus recommendations for children and adults. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 3-20.e6; quiz 21-2	11.5	1502
426	Eosinophilic esophagitis in children and adults: a systematic review and consensus recommendations for diagnosis and treatment. <i>Gastroenterology</i> , 2007 , 133, 1342-63	13.3	1295
425	The eosinophil. <i>Annual Review of Immunology</i> , 2006 , 24, 147-74	34.7	1143
424	Eosinophilia. <i>New England Journal of Medicine</i> , 1998 , 338, 1592-600	59.2	811
423	MicroRNA. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1202-1207	11.5	785
422	Eosinophilic gastrointestinal disorders (EGID). <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 11-28; quiz 29	11.5	676
421	Eosinophilic esophagitis. <i>New England Journal of Medicine</i> , 2004 , 351, 940-1	59.2	629
420	Eotaxin-3 and a uniquely conserved gene-expression profile in eosinophilic esophagitis. <i>Journal of Clinical Investigation</i> , 2006 , 116, 536-47	15.9	619
419	Human eotaxin is a specific chemoattractant for eosinophil cells and provides a new mechanism to explain tissue eosinophilia. <i>Nature Medicine</i> , 1996 , 2, 449-56	50.5	599
418	An etiological role for aeroallergens and eosinophils in experimental esophagitis. <i>Journal of Clinical Investigation</i> , 2001 , 107, 83-90	15.9	476
417	Targeted disruption of the chemokine eotaxin partially reduces antigen-induced tissue eosinophilia. <i>Journal of Experimental Medicine</i> , 1997 , 185, 785-90	16.6	475
416	A randomized, double-blind, placebo-controlled trial of fluticasone propionate for pediatric eosinophilic esophagitis. <i>Gastroenterology</i> , 2006 , 131, 1381-91	13.3	468
415	MicroRNA-21 is up-regulated in allergic airway inflammation and regulates IL-12p35 expression. <i>Journal of Immunology</i> , 2009 , 182, 4994-5002	5.3	466
414	Treatment of patients with the hypereosinophilic syndrome with mepolizumab. <i>New England Journal of Medicine</i> , 2008 , 358, 1215-28	59.2	451
413	Hypereosinophilic syndrome: a multicenter, retrospective analysis of clinical characteristics and response to therapy. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 1319-25.e3	11.5	373
412	Updated International Consensus Diagnostic Criteria for Eosinophilic Esophagitis: Proceedings of the AGREE Conference. <i>Gastroenterology</i> , 2018 , 155, 1022-1033.e10	13.3	367
411	Reslizumab in children and adolescents with eosinophilic esophagitis: results of a double-blind, randomized, placebo-controlled trial. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 456-63, 463.e1-3	11.5	350

410	Regulation of human eosinophil viability, density, and function by granulocyte/macrophage colony-stimulating factor in the presence of 3T3 fibroblasts. <i>Journal of Experimental Medicine</i> , 1987 , 166, 129-41	16.6	349
409	Human eosinophils have prolonged survival, enhanced functional properties, and become hypodense when exposed to human interleukin 3. <i>Journal of Clinical Investigation</i> , 1988 , 81, 1986-92	15.9	330
408	IL-13 involvement in eosinophilic esophagitis: transcriptome analysis and reversibility with glucocorticoids. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 1292-300	11.5	324
407	Anti-IL-5 (mepolizumab) therapy for eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 1312-9	11.5	323
406	Common variants at 5q22 associate with pediatric eosinophilic esophagitis. <i>Nature Genetics</i> , 2010 , 42, 289-91	36.3	321
405	Murine eotaxin: an eosinophil chemoattractant inducible in endothelial cells and in interleukin 4-induced tumor suppression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 8960-4	11.5	308
404	Intratracheal IL-13 induces eosinophilic esophagitis by an IL-5, eotaxin-1, and STAT6-dependent mechanism. <i>Gastroenterology</i> , 2003 , 125, 1419-27	13.3	307
403	Anti-interleukin-5 (mepolizumab) therapy for hypereosinophilic syndromes. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 115-9	11.5	305
402	Fundamental signals that regulate eosinophil homing to the gastrointestinal tract. <i>Journal of Clinical Investigation</i> , 1999 , 103, 1719-27	15.9	291
401	Targeting eosinophils in allergy, inflammation and beyond. <i>Nature Reviews Drug Discovery</i> , 2013 , 12, 117-29	64.1	290
400	Expression of eotaxin by human lung epithelial cells: induction by cytokines and inhibition by glucocorticoids. <i>Journal of Clinical Investigation</i> , 1997 , 99, 1767-73	15.9	282
399	Mast cells are required for experimental oral allergen-induced diarrhea. <i>Journal of Clinical Investigation</i> , 2003 , 112, 1666-77	15.9	280
398	IL-5 promotes eosinophil trafficking to the esophagus. <i>Journal of Immunology</i> , 2002 , 168, 2464-9	5.3	278
397	Approaches to the treatment of hypereosinophilic syndromes: a workshop summary report. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 1292-302	11.5	272
396	MicroRNA-21 limits in vivo immune response-mediated activation of the IL-12/IFN-gamma pathway, Th1 polarization, and the severity of delayed-type hypersensitivity. <i>Journal of Immunology</i> , 2011 , 187, 3362-73	5.3	270
395	Chemokines in asthma: cooperative interaction between chemokines and IL-13. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 227-42; quiz 243	11.5	261
394	Pediatric patients with eosinophilic esophagitis: an 8-year follow-up. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 119, 731-8	11.5	260
393	A pathological function for eotaxin and eosinophils in eosinophilic gastrointestinal inflammation. <i>Nature Immunology</i> , 2001 , 2, 353-60	19.1	249

392	Eotaxin is required for the baseline level of tissue eosinophils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 6273-8	11.5	240
391	Biology and treatment of eosinophilic esophagitis. <i>Gastroenterology</i> , 2009 , 137, 1238-49	13.3	238
390	Refining the definition of hypereosinophilic syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 45-9	11.5	232
389	Clinical and immunopathologic effects of swallowed fluticasone for eosinophilic esophagitis. <i>Clinical Gastroenterology and Hepatology</i> , 2004 , 2, 568-75	6.9	230
388	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. <i>Journal of Experimental Medicine</i> , 2002 , 195, 1433-44	16.6	230
387	IL-13 induces eosinophil recruitment into the lung by an IL-5- and eotaxin-dependent mechanism. <i>Journal of Allergy and Clinical Immunology</i> , 2001 , 108, 594-601	11.5	230
386	Biology of the eosinophil. <i>Advances in Immunology</i> , 2009 , 101, 81-121	5.6	228
385	Importance of cytokines in murine allergic airway disease and human asthma. <i>Journal of Immunology</i> , 2010 , 184, 1663-74	5.3	225
384	Proton pump inhibitor-responsive oesophageal eosinophilia: an entity challenging current diagnostic criteria for eosinophilic oesophagitis. <i>Gut</i> , 2016 , 65, 524-31	19.2	219
383	Gastrointestinal eosinophils. <i>Immunological Reviews</i> , 2001 , 179, 139-55	11.3	214
382	IL-9- and mast cell-mediated intestinal permeability predisposes to oral antigen hypersensitivity. <i>Journal of Experimental Medicine</i> , 2008 , 205, 897-913	16.6	207
381	Comparative dietary therapy effectiveness in remission of pediatric eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 1570-8	11.5	206
380	Esophageal remodeling develops as a consequence of tissue specific IL-5-induced eosinophilia. <i>Gastroenterology</i> , 2008 , 134, 204-14	13.3	205
379	Coordinate interaction between IL-13 and epithelial differentiation cluster genes in eosinophilic esophagitis. <i>Journal of Immunology</i> , 2010 , 184, 4033-41	5.3	204
378	Intravenous anti-IL-13 mAb QAX576 for the treatment of eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 500-7	11.5	203
377	Involvement of mast cells in eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 140-9	11.5	202
376	Quantity and distribution of eosinophils in the gastrointestinal tract of children. <i>Pediatric and Developmental Pathology</i> , 2006 , 9, 210-8	2.2	201
375	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. <i>Journal of Immunology</i> , 1996 , 157, 5613-26	5.3	201

374	Variants of thymic stromal lymphopoietin and its receptor associate with eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 160-5.e3	11.5	199
373	CCR3 is a target for age-related macular degeneration diagnosis and therapy. <i>Nature</i> , 2009 , 460, 225-30	50.4	199
372	Periostin facilitates eosinophil tissue infiltration in allergic lung and esophageal responses. <i>Mucosal Immunology</i> , 2008 , 1, 289-96	9.2	197
371	Interleukin 5 and phenotypically altered eosinophils in the blood of patients with the idiopathic hypereosinophilic syndrome. <i>Journal of Experimental Medicine</i> , 1989 , 170, 343-8	16.6	195
370	Distinct roles for IL-13 and IL-4 via IL-13 receptor alpha1 and the type II IL-4 receptor in asthma pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 7240-5	11.5	193
369	The eotaxin chemokines and CCR3 are fundamental regulators of allergen-induced pulmonary eosinophilia. <i>Journal of Immunology</i> , 2005 , 175, 5341-50	5.3	190
368	Elemental signals regulating eosinophil accumulation in the lung. <i>Immunological Reviews</i> , 2001 , 179, 173-81	11.3	190
367	A striking local esophageal cytokine expression profile in eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 208-17, 217.e1-7	11.5	189
366	Intestinal epithelial cell secretion of RELM-beta protects against gastrointestinal worm infection. <i>Journal of Experimental Medicine</i> , 2009 , 206, 2947-57	16.6	189
365	Elevated basal serum tryptase identifies a multisystem disorder associated with increased TPSAB1 copy number. <i>Nature Genetics</i> , 2016 , 48, 1564-1569	36.3	185
364	Genome-wide association analysis of eosinophilic esophagitis provides insight into the tissue specificity of this allergic disease. <i>Nature Genetics</i> , 2014 , 46, 895-900	36.3	185
363	Desmoglein-1 regulates esophageal epithelial barrier function and immune responses in eosinophilic esophagitis. <i>Mucosal Immunology</i> , 2014 , 7, 718-29	9.2	184
362	Immunotherapy of cytotoxic T cell-resistant tumors by T helper 2 cells: an eotaxin and STAT6-dependent process. <i>Journal of Experimental Medicine</i> , 2003 , 197, 387-93	16.6	184
361	Interleukin-4 Receptor Signaling in Myeloid Cells Controls Collagen Fibril Assembly in Skin Repair. <i>Immunity</i> , 2015 , 43, 803-16	32.3	182
360	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. <i>Journal of Immunology</i> , 1989 , 143, 2311-6	5.3	181
359	Constitutive and allergen-induced expression of eotaxin mRNA in the guinea pig lung. <i>Journal of Experimental Medicine</i> , 1995 , 181, 1211-6	16.6	176
358	Eosinophil responses during COVID-19 infections and coronavirus vaccination. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1-7	11.5	170
357	Molecular mechanisms of anaphylaxis: lessons from studies with murine models. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 115, 449-57; quiz 458	11.5	166

356	Efficacy, dose reduction, and resistance to high-dose fluticasone in patients with eosinophilic esophagitis. <i>Gastroenterology</i> , 2014 , 147, 324-33.e5	13.3	163
355	A central regulatory role for eosinophils and the eotaxin/CCR3 axis in chronic experimental allergic airway inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 16418-23	11.5	161
354	Transcriptome analysis of proton pump inhibitor-responsive esophageal eosinophilia reveals proton pump inhibitor-reversible allergic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 187-97	11.5	160
353	Molecular diagnosis of eosinophilic esophagitis by gene expression profiling. <i>Gastroenterology</i> , 2013 , 145, 1289-99	13.3	159
352	Dissociation between symptoms and histological severity in pediatric eosinophilic esophagitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009 , 48, 152-60	2.8	159
351	Eosinophilic esophagitis: pathogenesis, genetics, and therapy. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 1054-9	11.5	159
350	Eosinophils and cancer. <i>Cancer Immunology Research</i> , 2014 , 2, 1-8	12.5	157
349	Diagnostic, functional, and therapeutic roles of microRNA in allergic diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 3-13; quiz 14	11.5	157
348	Epicutaneous antigen exposure primes for experimental eosinophilic esophagitis in mice. <i>Gastroenterology</i> , 2005 , 129, 985-94	13.3	156
347	Local B cells and IgE production in the oesophageal mucosa in eosinophilic oesophagitis. <i>Gut</i> , 2010 , 59, 12-20	19.2	154
346	The effect of IL-5 and eotaxin expression in the lung on eosinophil trafficking and degranulation and the induction of bronchial hyperreactivity. <i>Journal of Immunology</i> , 2000 , 164, 2142-50	5.3	154
345	Inhibition of human interleukin-13-induced respiratory and oesophageal inflammation by anti-human-interleukin-13 antibody (CAT-354). <i>Clinical and Experimental Allergy</i> , 2005 , 35, 1096-103	4.1	153
344	Regulation of carcinogenesis by IL-5 and CCL11: a potential role for eosinophils in tumor immune surveillance. <i>Journal of Immunology</i> , 2007 , 178, 4222-9	5.3	152
343	Molecular, genetic, and cellular bases for treating eosinophilic esophagitis. <i>Gastroenterology</i> , 2015 , 148, 1143-57	13.3	151
342	Defective T cell development and function in calcineurin A beta -deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 9398-403	11.5	151
341	Potential of blood eosinophils, eosinophil-derived neurotoxin, and eotaxin-3 as biomarkers of eosinophilic esophagitis. <i>Clinical Gastroenterology and Hepatology</i> , 2006 , 4, 1328-36	6.9	149
340	Pathophysiology of Eosinophilic Esophagitis. <i>Gastroenterology</i> , 2018 , 154, 333-345	13.3	149
339	Eotaxin. An essential mediator of eosinophil trafficking into mucosal tissues. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1999 , 21, 291-5	5.7	148

338	A critical role for eotaxin in experimental oral antigen-induced eosinophilic gastrointestinal allergy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 6681-6	11.5	147
337	Twin and family studies reveal strong environmental and weaker genetic cues explaining heritability of eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1084-1092.e115	11.5	146
336	Health-related quality of life across pediatric chronic conditions. <i>Journal of Pediatrics</i> , 2010 , 156, 639-44	3.6	145
335	Murine eotaxin-2: a constitutive eosinophil chemokine induced by allergen challenge and IL-4 overexpression. <i>Journal of Immunology</i> , 2000 , 165, 5839-46	5.3	143
334	IL-13 induces esophageal remodeling and gene expression by an eosinophil-independent, IL-13R alpha 2-inhibited pathway. <i>Journal of Immunology</i> , 2010 , 185, 660-9	5.3	141
333	Eosinophil-associated gastrointestinal disorders: a world-wide-web based registry. <i>Journal of Pediatrics</i> , 2002 , 141, 576-81	3.6	140
332	Transgenic expression of bean alpha-amylase inhibitor in peas results in altered structure and immunogenicity. <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 9023-30	5.7	139
331	Molecular and biological characterization of the murine leukotriene B4 receptor expressed on eosinophils. <i>Journal of Experimental Medicine</i> , 1998 , 188, 1063-74	16.6	139
330	Efficacy of Dupilumab in a Phase 2 Randomized Trial of Adults With Active Eosinophilic Esophagitis. <i>Gastroenterology</i> , 2020 , 158, 111-122.e10	13.3	135
329	Induction of Interleukin-9-Producing Mucosal Mast Cells Promotes Susceptibility to IgE-Mediated Experimental Food Allergy. <i>Immunity</i> , 2015 , 43, 788-802	32.3	133
328	Interleukin-13 mediates airways hyperreactivity through the IL-4 receptor-alpha chain and STAT-6 independently of IL-5 and eotaxin. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 25, 522-30	5.7	127
327	The R576 IL-4 receptor alpha allele correlates with asthma severity. <i>Journal of Allergy and Clinical Immunology</i> , 1999 , 104, 1008-14	11.5	126
326	Critical role for adaptive T cell immunity in experimental eosinophilic esophagitis in mice. <i>Journal of Leukocyte Biology</i> , 2007 , 81, 916-24	6.5	123
325	Identification of a cooperative mechanism involving interleukin-13 and eotaxin-2 in experimental allergic lung inflammation. <i>Journal of Biological Chemistry</i> , 2005 , 280, 13952-61	5.4	123
324	Eosinophilic esophagitis is characterized by a non-IgE-mediated food hypersensitivity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2016 , 71, 611-20	9.3	123
323	Long-term safety of mepolizumab for the treatment of hypereosinophilic syndromes. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 461-7.e1-5	11.5	122
322	MicroRNA signature in patients with eosinophilic esophagitis, reversibility with glucocorticoids, and assessment as disease biomarkers. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 1064-75.e9	11.5	122
321	Eosinophils cocultured with endothelial cells have increased survival and functional properties. <i>Science</i> , 1987 , 237, 645-7	33.3	122

3 ²⁰	Resistin-like molecule beta regulates innate colonic function: barrier integrity and inflammation susceptibility. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 118, 257-68	11.5	120
3 ¹⁹	Role of the monocyte chemoattractant protein and eotaxin subfamily of chemokines in allergic inflammation. <i>Journal of Leukocyte Biology</i> , 1997 , 62, 620-33	6.5	119
3 ¹⁸	Eosinophils in mucosal immune responses. <i>Mucosal Immunology</i> , 2015 , 8, 464-75	9.2	117
3 ¹⁷	Intestinal macrophage/epithelial cell-derived CCL11/eotaxin-1 mediates eosinophil recruitment and function in pediatric ulcerative colitis. <i>Journal of Immunology</i> , 2008 , 181, 7390-9	5.3	117
3 ¹⁶	High prevalence of eosinophilic esophagitis in patients with inherited connective tissue disorders. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 378-86	11.5	114
3 ¹⁵	IL-1 β in eosinophil-mediated small intestinal homeostasis and IgA production. <i>Mucosal Immunology</i> , 2015 , 8, 930-42	9.2	114
3 ¹⁴	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. <i>Nature Medicine</i> , 2013 , 19, 232-7	50.5	110
3 ¹³	Formation and stability of ring-substituted 1-phenylethyl carbocations. <i>Journal of the American Chemical Society</i> , 1984 , 106, 1361-1372	16.4	107
3 ¹²	CC chemokine receptor-3 undergoes prolonged ligand-induced internalization. <i>Journal of Biological Chemistry</i> , 1999 , 274, 12611-8	5.4	106
3 ¹¹	Liver microRNA-21 is overexpressed in non-alcoholic steatohepatitis and contributes to the disease in experimental models by inhibiting PPAR α expression. <i>Gut</i> , 2016 , 65, 1882-1894	19.2	104
3 ¹⁰	Long-term outcomes in pediatric-onset esophageal eosinophilia. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 132-8	11.5	103
3 ⁰⁹	Transcript signatures in experimental asthma: identification of STAT6-dependent and -independent pathways. <i>Journal of Immunology</i> , 2004 , 172, 1815-24	5.3	103
3 ⁰⁸	Modulatory calcineurin-interacting proteins 1 and 2 function as calcineurin facilitators in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 7327-32	11.5	101
3 ⁰⁷	Identification, epidemiology, and chronicity of pediatric esophageal eosinophilia, 1982-1999. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 112-9	11.5	100
3 ⁰⁶	Siglec-F antibody administration to mice selectively reduces blood and tissue eosinophils. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2008 , 63, 1156-63	9.3	100
3 ⁰⁵	Prevalence and outcome of allergic colitis in healthy infants with rectal bleeding: a prospective cohort study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2005 , 41, 16-22	2.8	100
3 ⁰⁴	RPC4046, a Monoclonal Antibody Against IL13, Reduces Histologic and Endoscopic Activity in Patients With Eosinophilic Esophagitis. <i>Gastroenterology</i> , 2019 , 156, 592-603.e10	13.3	100
3 ⁰³	Genetic dissection of eosinophilic esophagitis provides insight into disease pathogenesis and treatment strategies. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 23-32; quiz 33-4	11.5	99

302	T cell-intrinsic ASC critically promotes T(H)17-mediated experimental autoimmune encephalomyelitis. <i>Nature Immunology</i> , 2016 , 17, 583-92	19.1	98
301	Eotaxin-2 and IL-5 cooperate in the lung to regulate IL-13 production and airway eosinophilia and hyperreactivity. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 935-43	11.5	97
300	Expression and regulation of a disintegrin and metalloproteinase (ADAM) 8 in experimental asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004 , 31, 257-65	5.7	96
299	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. <i>Journal of Allergy and Clinical Immunology</i> , 1998 , 102, 65-74	11.5	96
298	Arginase I suppresses IL-12/IL-23p40-driven intestinal inflammation during acute schistosomiasis. <i>Journal of Immunology</i> , 2010 , 184, 6438-46	5.3	94
297	Newly developed and validated eosinophilic esophagitis histology scoring system and evidence that it outperforms peak eosinophil count for disease diagnosis and monitoring. <i>Ecological Management and Restoration</i> , 2017 , 30, 1-8	3	93
296	IL-25 and CD4(+) TH2 cells enhance type 2 innate lymphoid cell-derived IL-13 production, which promotes IgE-mediated experimental food allergy. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1216-1225.e5	11.5	92
295	Clinical, pathologic, and molecular characterization of familial eosinophilic esophagitis compared with sporadic cases. <i>Clinical Gastroenterology and Hepatology</i> , 2008 , 6, 621-9	6.9	90
294	Pulmonary chemokine expression is coordinately regulated by STAT1, STAT6, and IFN-gamma. <i>Journal of Immunology</i> , 2004 , 173, 7565-74	5.3	90
293	Histologic eosinophilic gastritis is a systemic disorder associated with blood and extragastric eosinophilia, TH2 immunity, and a unique gastric transcriptome. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1114-24	11.5	89
292	Interplay of adaptive th2 immunity with eotaxin-3/c-C chemokine receptor 3 in eosinophilic esophagitis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007 , 45, 22-31	2.8	89
291	Persistent effects induced by IL-13 in the lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 35, 337-46	5.7	88
290	The Regulatory Function of Eosinophils. <i>Microbiology Spectrum</i> , 2016 , 4,	8.9	88
289	Gastrointestinal eosinophils in health and disease. <i>Advances in Immunology</i> , 2001 , 78, 291-328	5.6	87
288	Inhibition of arginase I activity by RNA interference attenuates IL-13-induced airways hyperresponsiveness. <i>Journal of Immunology</i> , 2006 , 177, 5595-603	5.3	86
287	IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 590-6	11.5	85
286	Eosinophilic esophagitis-linked calpain 14 is an IL-13-induced protease that mediates esophageal epithelial barrier impairment. <i>JCI Insight</i> , 2016 , 1, e86355	9.9	85
285	Roles and regulation of gastrointestinal eosinophils in immunity and disease. <i>Journal of Immunology</i> , 2014 , 193, 999-1005	5.3	83

284	Mendelian inheritance of elevated serum tryptase associated with atopy and connective tissue abnormalities. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1471-4	11.5	82
283	Novel targeted therapies for eosinophilic disorders. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 563-71	11.5	81
282	Influence of cigarette smoke on the arginine pathway in asthmatic airways: increased expression of arginase I. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 119, 391-7	11.5	81
281	Negative regulation of eosinophil recruitment to the lung by the chemokine monokine induced by IFN-gamma (Mig, CXCL9). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 1987-92	11.5	81
280	Pediatric Eosinophilic Esophagitis Symptom Scores (PEESS v2.0) identify histologic and molecular correlates of the key clinical features of disease. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 1519-28.e8	11.5	80
279	Basic pathogenesis of eosinophilic esophagitis. <i>Gastrointestinal Endoscopy Clinics of North America</i> , 2008 , 18, 133-43; x	3.3	80
278	Interleukin-15 expression is increased in human eosinophilic esophagitis and mediates pathogenesis in mice. <i>Gastroenterology</i> , 2010 , 139, 182-93.e7	13.3	77
277	Receptor internalization is required for eotaxin-induced responses in human eosinophils. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 97-105	11.5	77
276	Enterocyte expression of the eotaxin and interleukin-5 transgenes induces compartmentalized dysregulation of eosinophil trafficking. <i>Journal of Biological Chemistry</i> , 2002 , 277, 4406-12	5.4	77
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