Marc E Rothenberg

List of Publications by Year in Descending Order

427 papers	41,312 citations	114 h-index	191 g-index
589 ext. papers	47,691 ext. citations	7.8 avg, IF	7.66 L-index

#	Paper	IF	Citations
427	The Climate Change Hypothesis for the Allergy Epidemic.. *Journal of Allergy and Clinical Immunology*, **2022**,	11.5	4
426	International consensus recommendations for eosinophilic gastrointestinal disease nomenclature.. *Clinical Gastroenterology and Hepatology*, **2022**,	6.9	3
425	The mast cell pain connection in eosinophilic esophagitis.. *Allergy: European Journal of Allergy and Clinical Immunology*, **2022**,	9.3	0
424	Epigenetic and transcriptional dysregulation in CD4+ T cells in patients with atopic dermatitis.. *PLoS Genetics*, **2022**, 18, e1009973	6	0
423	Desmoplakin and periplakin genetically and functionally contribute to eosinophilic esophagitis. *Nature Communications*, **2021**, 12, 6795	17.4	4
422	Remote immune processes revealed by immune-derived circulating cell-free DNA. *ELife*, **2021**, 10,	8.9	3
421	2021 Year in Review: Spotlight on Eosinophils. *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	2
420	Alpha 1 Antitrypsin is an Inhibitor of the SARS-CoV-2-Priming Protease TMPRSS2. *Pathogens and Immunity*, **2021**, 6, 55-74	4.9	36
419	A novel class of TMPRSS2 inhibitors potently block SARS-CoV-2 and MERS-CoV viral entry and protect human epithelial lung cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	8
418	Host-Microbiota Interactions in the Esophagus During Homeostasis and Allergic Inflammation. *Gastroenterology*, **2021**,	13.3	2
417	Validation of self-reported diagnosis of eosinophilic gastrointestinal disorders patients enrolled in the CEGIR contact registry. *Clinics and Research in Hepatology and Gastroenterology*, **2021**, 45, 101555	2.4	1
416	Type 2 Immunity and Age Modify Gene Expression of Coronavirus-induced Disease 2019 Receptors in Eosinophilic Gastrointestinal Disorders. *Journal of Pediatric Gastroenterology and Nutrition*, **2021**, 72, 718-722	2.8	4
415	Eosinophil Knockout Humans: Uncovering the Role of Eosinophils Through Eosinophil-Directed Biological Therapies. *Annual Review of Immunology*, **2021**, 39, 719-757	34.7	27
414	Bidirectional crosstalk between eosinophils and esophageal epithelial cells regulates inflammatory and remodeling processes. *Mucosal Immunology*, **2021**, 14, 1133-1143	9.2	3
413	A novel class of TMPRSS2 inhibitors potently block SARS-CoV-2 and MERS-CoV viral entry and protect human epithelial lung cells **2021**,		3
412	Implicating Gene and Cell Networks Responsible for Differential COVID-19 Host Responses via an Interactive Single Cell Web Portal **2021**,		2
411	An Allergic Basis for Abdominal Pain. *New England Journal of Medicine*, **2021**, 384, 2156-2158	59.2	2

410	Do rural health disparities affect prevalence data in pediatric eosinophilic esophagitis?. *Journal of Allergy and Clinical Immunology: in Practice*, **2021**, 9, 2549-2551	5.4	2
409	Determination of Biopsy Yield That Optimally Detects Eosinophilic Gastritis and/or Duodenitis in a Randomized Trial of Lirentelimab. *Clinical Gastroenterology and Hepatology*, **2021**,	6.9	3
408	Epigenetic Analysis of the Chromatin Landscape Identifies a Repertoire of Murine Eosinophil-Specific PU.1-Bound Enhancers. *Journal of Immunology*, **2021**, 207, 1044-1054	5.3	2
407	Long-term Efficacy and Tolerability of RPC4046 in an Open-Label Extension Trial of Patients With Eosinophilic Esophagitis. *Clinical Gastroenterology and Hepatology*, **2021**, 19, 473-483.e17	6.9	15
406	Resolving Clinical Phenotypes into Endotypes in Allergy: Molecular and Omics Approaches. *Clinical Reviews in Allergy and Immunology*, **2021**, 60, 200-219	12.3	10
405	Eosinophilic esophagitis with extremely high esophageal eosinophil counts. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 409-412.e5	11.5	3
404	Early life factors are associated with risk for eosinophilic esophagitis diagnosed in adulthood. *Ecological Management and Restoration*, **2021**, 34,	3	4
403	Molecular mechanism of inhibiting the SARS-CoV-2 cell entry facilitator TMPRSS2 with camostat and nafamostat.. *Chemical Science*, **2021**, 12, 983-992	9.4	27
402	Broad transcriptional response of the human esophageal epithelium to proton pump inhibitors. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 1924-1935	11.5	7
401	Very early onset eosinophilic esophagitis is common, responds to standard therapy, and demonstrates enrichment for CAPN14 genetic variants. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 244-254.e6	11.5	8
400	Replication and meta-analyses nominate numerous eosinophilic esophagitis risk genes. *Journal of Allergy and Clinical Immunology*, **2021**, 147, 255-266	11.5	6
399	Machine Learning Approach for Biopsy-Based Identification of Eosinophilic Esophagitis Reveals Importance of Global features. *IEEE Open Journal of Engineering in Medicine and Biology*, **2021**, 2, 218-223	5.9	2
398	Development of a core outcome set for therapeutic studies in eosinophilic esophagitis (COREOS). *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	4
397	Diagnostic merits of the Eosinophilic Esophagitis Diagnostic Panel from a single esophageal biopsy. *Journal of Allergy and Clinical Immunology*, **2021**,	11.5	1
396	Aiolos regulates eosinophil migration into tissues. *Mucosal Immunology*, **2021**, 14, 1271-1281	9.2	2
395	Metastasis-Entrained Eosinophils Enhance Lymphocyte-Mediated Antitumor Immunity. *Cancer Research*, **2021**, 81, 5555-5571	10.1	3
394	. *IScience*, **2021**, 103115	6.1	1
393	Unsedated transnasal esophagoscopy with virtual reality distraction enables earlier monitoring of dietary therapy in eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology: in Practice*, **2021**, 9, 3494-3496	5.4	3

392	Acquired Esophageal Strictures in Children: Morphometric and Immunohistochemical Analyses. *Pediatric and Developmental Pathology*, **2021**, 10935266211041086	2.2	0
391	Environmental allergens trigger type 2 inflammation through ripoptosome activation. *Nature Immunology*, **2021**, 22, 1316-1326	19.1	9
390	Functional role of kallikrein 5 and proteinase-activated receptor 2 in eosinophilic esophagitis. *Science Translational Medicine*, **2020**, 12,	17.5	14
389	Recent advances in potential targets for eosinophilic esophagitis treatments. *Expert Review of Clinical Immunology*, **2020**, 16, 421-428	5.1	1
388	Esophageal type 2 cytokine expression heterogeneity in eosinophilic esophagitis in a multisite cohort. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 1629-1640.e4	11.5	15
387	A novel approach to conducting clinical trials in the community setting: utilizing patient-driven platforms and social media to drive web-based patient recruitment. *BMC Medical Research Methodology*, **2020**, 20, 58	4.7	10
386	AK002, an Anti-Siglec-8 Antibody, Depletes Tissue Eosinophils and Improves Dysphagia Symptoms in Patients with Eosinophilic Esophagitis. *Journal of Allergy and Clinical Immunology*, **2020**, 145, AB167	11.5	6
385	A key role for IL-13 signaling via the type 2 IL-4 receptor in experimental atopic dermatitis. *Science Immunology*, **2020**, 5,	28	19
384	Eosinophil responses during COVID-19 infections and coronavirus vaccination. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 1-7	11.5	170
383	Uncovering the secretes of allergic inflammation. *Journal of Clinical Investigation*, **2020**, 130, 3419-3421	15.9	0
382	Alpha 1 Antitrypsin is an Inhibitor of the SARS-CoV-2-Priming Protease TMPRSS2 **2020**,		24
381	Identification of anoctamin 1 (ANO1) as a key driver of esophageal epithelial proliferation in eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 239-254.e2	11.5	9
380	Molecular, endoscopic, histologic, and circulating biomarker-based diagnosis of eosinophilic gastritis: Multi-site study. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 255-269	11.5	19
379	The genetic etiology of eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 9-15	11.5	19
378	Monitoring Eosinophilic Esophagitis Disease Activity With Blood Eosinophil Progenitor Levels. *Journal of Pediatric Gastroenterology and Nutrition*, **2020**, 70, 482-488	2.8	5
377	Advancing patient care through the Consortium of Eosinophilic Gastrointestinal Disease Researchers (CEGIR). *Journal of Allergy and Clinical Immunology*, **2020**, 145, 28-37	11.5	6
376	Association Between Endoscopic and Histologic Findings in a Multicenter Retrospective Cohort of Patients with Non-esophageal Eosinophilic Gastrointestinal Disorders. *Digestive Diseases and Sciences*, **2020**, 65, 2024-2035	4	17
375	Anti-Siglec-8 Antibody for Eosinophilic Gastritis and Duodenitis. *New England Journal of Medicine*, **2020**, 383, 1624-1634	59.2	76

374	High Patient Disease Burden in a Cross-sectional, Multicenter Contact Registry Study of Eosinophilic Gastrointestinal Diseases. *Journal of Pediatric Gastroenterology and Nutrition*, **2020**, 71, 524-529	2.8	4
373	Transferring allergies in the womb. *Science*, **2020**, 370, 907-908	33.3	2
372	Efficacy and safety of mepolizumab in hypereosinophilic syndrome: A phase III, randomized, placebo-controlled trial. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 1397-1405	11.5	40
371	Eosinophilic Esophagitis Histology Remission Score: Significant Relations to Measures of Disease Activity and Symptoms. *Journal of Pediatric Gastroenterology and Nutrition*, **2020**, 70, 598-603	2.8	10
370	Efficacy of Dupilumab in a Phase 2 Randomized Trial of Adults With Active Eosinophilic Esophagitis. *Gastroenterology*, **2020**, 158, 111-122.e10	13.3	135
369	17β-Estradiol protects the esophageal epithelium from IL-13-induced barrier dysfunction and remodeling. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 2131-2146	11.5	10
368	Genetic, Inflammatory, and Epithelial Cell Differentiation Factors Control Expression of Human Calpain-14. *G3: Genes, Genomes, Genetics*, **2019**, 9, 729-736	3.2	9
367	Role of genetics, environment, and their interactions in the pathogenesis of eosinophilic esophagitis. *Current Opinion in Immunology*, **2019**, 60, 46-53	7.8	25
366	Development and Application of a Functional Human Esophageal Mucosa Explant Platform to Eosinophilic Esophagitis. *Scientific Reports*, **2019**, 9, 6206	4.9	3
365	Genetic variants at the 16p13 locus confer risk for eosinophilic esophagitis. *Genes and Immunity*, **2019**, 20, 281-292	4.4	16
364	Cell-by-cell deciphering of T cells in allergic inflammation. *Journal of Allergy and Clinical Immunology* , **2019**, 144, 1143-1148	11.5	7
363	Advances in eosinophilic diseases in 2018. *Journal of Allergy and Clinical Immunology*, **2019**, 144, 1490-1494	11.5	3
362	Mechanisms of gastrointestinal allergic disorders. *Journal of Clinical Investigation*, **2019**, 129, 1419-1430	15.9	11
361	Single-cell RNA sequencing identifies inflammatory tissue T cells in eosinophilic esophagitis. *Journal of Clinical Investigation*, **2019**, 129, 2014-2028	15.9	57
360	1244 Symptomatic Patients Suspected of Eosinophilic Gastritis and/or Enteritis Have Elevated Mucosal Mast Cell Counts Without Eosinophilia: A New Diagnostic Entity?. *American Journal of Gastroenterology*, **2019**, 114, S693-S694	0.7	
359	Prevalence of eosinophilic colitis and the diagnoses associated with colonic eosinophilia. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 1928-1930.e3	11.5	4
358	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	0.7	38
357	Transcriptomic Analysis Links Eosinophilic Esophagitis and Atopic Dermatitis. *Frontiers in Pediatrics*, **2019**, 7, 467	3.4	8

356	Analysis of eosinophilic esophagitis in children with repaired congenital esophageal atresia. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 1455-1464.e2	11.5	12
355	RPC4046, a Monoclonal Antibody Against IL13, Reduces Histologic and Endoscopic Activity in Patients With Eosinophilic Esophagitis. *Gastroenterology*, **2019**, 156, 592-603.e10	13.3	100
354	Eosinophil progenitor levels correlate with tissue pathology in pediatric eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 1221-1224.e3	11.5	6
353	Revisiting the NIH Taskforce on the Research needs of Eosinophil-Associated Diseases (RE-TREAD). *Journal of Leukocyte Biology*, **2018**, 104, 69-83	6.5	22
352	Individuals affected by eosinophilic gastrointestinal disorders have complex unmet needs and frequently experience unique barriers to care. *Clinics and Research in Hepatology and Gastroenterology*, **2018**, 42, 483-493	2.4	24
351	DP1 receptor signaling prevents the onset of intrinsic apoptosis in eosinophils and functions as a transcriptional modulator. *Journal of Leukocyte Biology*, **2018**, 104, 159-171	6.5	10
350	Eosinophilic esophagitis (EoE) genetic susceptibility is mediated by synergistic interactions between EoE-specific and general atopic disease loci. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1690-1698	11.5	31
349	Eosinophilic oesophagitis endotype classification by molecular, clinical, and histopathological analyses: a cross-sectional study. *The Lancet Gastroenterology and Hepatology*, **2018**, 3, 477-488	18.8	57
348	Eosinophil Development, Disease Involvement, and Therapeutic Suppression. *Advances in Immunology*, **2018**, 138, 1-34	5.6	23
347	Prenatal, intrapartum, and postnatal factors are associated with pediatric eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 214-222	11.5	55
346	Disease-Related Predictors of Health-Related Quality of Life in Youth With Eosinophilic Esophagitis. *Journal of Pediatric Psychology*, **2018**, 43, 464-471	3.2	11
345	MicroRNA. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1202-1207	11.5	785
344	Early-life environmental exposures interact with genetic susceptibility variants in pediatric patients with eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 632-637.e5	11.5	43
343	Epithelial origin of eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 10-23	11.5	32
342	Chromatin regulates IL-33 release and extracellular cytokine activity. *Nature Communications*, **2018**, 9, 3244	17.4	41
341	Sa1114 - Efficacy and Safety of Rpc4046, an Anti-Interleukin-13 Monoclonal Antibody, in Patients with Active Eosinophilic Esophagitis: Analysis of the Steroid-Refractory Subgroup from the Heroes Study. *Gastroenterology*, **2018**, 154, S-244	13.3	2
340	The antiprotease SPINK7 serves as an inhibitory checkpoint for esophageal epithelial inflammatory responses. *Science Translational Medicine*, **2018**, 10,	17.5	39
339	Whole-exome sequencing uncovers oxidoreductases DHTKD1 and OGDHL as linkers between mitochondrial dysfunction and eosinophilic esophagitis. *JCI Insight*, **2018**, 3,	9.9	25

338	Pathophysiology of Eosinophilic Esophagitis. *Gastroenterology*, **2018**, 154, 333-345	13.3	149
337	Leveraging Multilayered "Omics" Data for Atopic Dermatitis: A Road Map to Precision Medicine. *Frontiers in Immunology*, **2018**, 9, 2727	8.4	48
336	Tefillin use induces remote ischemic preconditioning pathways in healthy men. *American Journal of Physiology - Heart and Circulatory Physiology*, **2018**, 315, H1748-H1758	5.2	5
335	Phenotypic Characterization of Eosinophilic Esophagitis in a Large Multicenter Patient Population from the Consortium for Food Allergy Research. *Journal of Allergy and Clinical Immunology: in Practice*, **2018**, 6, 1534-1544.e5	5.4	45
334	Updated International Consensus Diagnostic Criteria for Eosinophilic Esophagitis: Proceedings of the AGREE Conference. *Gastroenterology*, **2018**, 155, 1022-1033.e10	13.3	367
333	Esophageal Organoids from Human Pluripotent Stem Cells Delineate Sox2 Functions during Esophageal Specification. *Cell Stem Cell*, **2018**, 23, 501-515.e7	18	67
332	MicroRNA-21 ablation exacerbates aldosterone-mediated cardiac injury, remodeling, and dysfunction. *American Journal of Physiology - Endocrinology and Metabolism*, **2018**, 315, E1154-E1167	6	16
331	Esophageal IgG4 levels correlate with histopathologic and transcriptomic features in eosinophilic esophagitis. *Allergy: European Journal of Allergy and Clinical Immunology*, **2018**, 73, 1892-1901	9.3	31
330	Solute carrier family 9, subfamily A, member 3 (SLC9A3)/sodium-hydrogen exchanger member 3 (NHE3) dysregulation and dilated intercellular spaces in patients with eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1843-1855	11.5	12
329	Alignment of parent- and child-reported outcomes and histology in eosinophilic esophagitis across multiple CEGIR sites. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 130-138.e1	11.5	25
328	Eosinophils subvert host resistance to an intracellular pathogen by instigating non-protective IL-4 in CCR2 mice. *Mucosal Immunology*, **2017**, 10, 194-204	9.2	4
327	Profound loss of esophageal tissue differentiation in patients with eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 738-749.e3	11.5	33
326	Calpain-14 and its association with eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1762-1771.e7	11.5	56
325	ERBIN deficiency links STAT3 and TGF- pathway defects with atopy in humans. *Journal of Experimental Medicine*, **2017**, 214, 669-680	16.6	49
324	Genetics of eosinophilic esophagitis. *Mucosal Immunology*, **2017**, 10, 580-588	9.2	36
323	Oxidized LDL activated eosinophil polarize macrophage phenotype from M2 to M1 through activation of CD36 scavenger receptor. *Atherosclerosis*, **2017**, 263, 82-91	3.1	31
322	In Memory and Celebration: Dr. James J. Lee. *Clinical and Experimental Allergy*, **2017**, 47, 980-981	4.1	
321	Oral immunotherapy-induced gastrointestinal symptoms and peripheral blood eosinophil responses. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1388-1390.e4	11.5	20

320	Cadherin 26 is an alpha integrin-binding epithelial receptor regulated during allergic inflammation. *Mucosal Immunology*, **2017**, 10, 1190-1201	9.2	22
319	Advances in mechanisms of allergic disease in 2016. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 1622-1631	11.5	18
318	Novel immunologic mechanisms in eosinophilic esophagitis. *Current Opinion in Immunology*, **2017**, 48, 114-121	7.8	12
317	Creating a multi-center rare disease consortium - the Consortium of Eosinophilic Gastrointestinal Disease Researchers (CEGIR). *Translational Science of Rare Diseases*, **2017**, 2, 141-155	3.3	17
316	A flow cytometry-based diagnosis of eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 1736-1739.e3	11.5	4
315	CD300f:IL-5 cross-talk inhibits adipose tissue eosinophil homing and subsequent IL-4 production. *Scientific Reports*, **2017**, 7, 5922	4.9	18
314	MicroRNA-21: Expression in oligodendrocytes and correlation with low myelin mRNAs in depression and alcoholism. *Progress in Neuro-Psychopharmacology and Biological Psychiatry*, **2017**, 79, 503-514	5.5	28
313	IL-33 is induced in undifferentiated, non-dividing esophageal epithelial cells in eosinophilic esophagitis. *Scientific Reports*, **2017**, 7, 17563	4.9	11
312	Recent advances in eosinophilic esophagitis. *F1000Research*, **2017**, 6, 1775	3.6	4
311	Clinical Applications of the Eosinophilic Esophagitis Diagnostic Panel. *Frontiers in Medicine*, **2017**, 4, 108	4.9	11
310	Synaptopodin is upregulated by IL-13 in eosinophilic esophagitis and regulates esophageal epithelial cell motility and barrier integrity. *JCI Insight*, **2017**, 2,	9.9	14
309	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*, **2017**, 30, 1-8	3	93
308	Liver microRNA-21 is overexpressed in non-alcoholic steatohepatitis and contributes to the disease in experimental models by inhibiting PPAR□expression. *Gut*, **2016**, 65, 1882-1894	19.2	104
307	LRRC31 is induced by IL-13 and regulates kallikrein expression and barrier function in the esophageal epithelium. *Mucosal Immunology*, **2016**, 9, 744-56	9.2	19
306	Elevated basal serum tryptase identifies a multisystem disorder associated with increased TPSAB1 copy number. *Nature Genetics*, **2016**, 48, 1564-1569	36.3	185
305	Association of eosinophilic esophagitis and hypertrophic cardiomyopathy. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 934-6.e5	11.5	11
304	IL-33 Is Selectively Expressed By Esophageal Basal Layer Epithelial Cells during Allergic Inflammation. *Journal of Allergy and Clinical Immunology*, **2016**, 137, AB228	11.5	3
303	Resolving the etiology of atopic disorders by using genetic analysis of racial ancestry. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 676-699	11.5	35

302	Paired Ig-like Receptor B Inhibits IL-13-Driven Eosinophil Accumulation and Activation in the Esophagus. *Journal of Immunology*, **2016**, 197, 707-14	5.3	9
301	Rab12 Regulates Retrograde Transport of Mast Cell Secretory Granules by Interacting with the RILP-Dynein Complex. *Journal of Immunology*, **2016**, 196, 1091-101	5.3	20
300	T cell-intrinsic ASC critically promotes T(H)17-mediated experimental autoimmune encephalomyelitis. *Nature Immunology*, **2016**, 17, 583-92	19.1	98
299	Eotaxin-Rich Proangiogenic Hematopoietic Progenitor Cells and CCR3+ Endothelium in the Atopic Asthmatic Response. *Journal of Immunology*, **2016**, 196, 2377-87	5.3	13
298	Proton pump inhibitor-responsive oesophageal eosinophilia: an entity challenging current diagnostic criteria for eosinophilic oesophagitis. *Gut*, **2016**, 65, 524-31	19.2	219
297	Should wheat, barley, rye, and/or gluten be avoided in a 6-food elimination diet?. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 1011-1014	11.5	27
296	IL-25 and CD4(+) TH2 cells enhance type 2 innate lymphoid cell-derived IL-13 production, which promotes IgE-mediated experimental food allergy. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 1216-1225.e5	11.5	92
295	Eosinophilic esophagitis-linked calpain 14 is an IL-13-induced protease that mediates esophageal epithelial barrier impairment. *JCI Insight*, **2016**, 1, e86355	9.9	85
294	A hidden residential cell in the lung. *Journal of Clinical Investigation*, **2016**, 126, 3185-7	15.9	12
293	The Regulatory Function of Eosinophils. *Microbiology Spectrum*, **2016**, 4,	8.9	88
292	Eosinophil progenitor levels are increased in patients with active pediatric eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 915-918.e5	11.5	10
291	Mechanisms of Disease of Eosinophilic Esophagitis. *Annual Review of Pathology: Mechanisms of Disease*, **2016**, 11, 365-93	34	49
290	Advances and highlights in mechanisms of allergic disease in 2015. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 1681-1696	11.5	29
289	Humanized Anti-IL-5 Antibody Therapy. *Cell*, **2016**, 165, 509	56.2	31
288	Substantial Variability in Biopsy Practice Patterns Among Gastroenterologists for Suspected Eosinophilic Gastrointestinal Disorders. *Clinical Gastroenterology and Hepatology*, **2016**, 14, 1842-1844	6.9	14
287	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
286	Infant feeding: Swinging the Pendulum from Late to Early Introduction of Food. *Israel Medical Association Journal*, **2016**, 18, 684-688	0.9	1
285	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, 1519-28.e8	11.5	80

284	Eosinophils in mucosal immune responses. *Mucosal Immunology*, **2015**, 8, 464-75	9.2	117
283	Induction of Interleukin-9-Producing Mucosal Mast Cells Promotes Susceptibility to IgE-Mediated Experimental Food Allergy. *Immunity*, **2015**, 43, 788-802	32.3	133
282	Neurotrophic tyrosine kinase receptor 1 is a direct transcriptional and epigenetic target of IL-13 involved in allergic inflammation. *Mucosal Immunology*, **2015**, 8, 785-98	9.2	29
281	Mechanism of enhanced eosinophil survival in inflammation. *Blood*, **2015**, 125, 3831-2	2.2	4
280	Investigating mast cell secretory granules; from biosynthesis to exocytosis. *Journal of Visualized Experiments*, **2015**, 52505	1.6	7
279	In vitro model for studying esophageal epithelial differentiation and allergic inflammatory responses identifies keratin involvement in eosinophilic esophagitis. *PLoS ONE*, **2015**, 10, e0127755	3.7	28
278	Mucosal Eosinophils **2015**, 883-914		
277	TNF-related apoptosis-inducing ligand (TRAIL) regulates midline-1, thymic stromal lymphopoietin, inflammation, and remodeling in experimental eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 971-82	11.5	22
276	Interleukin-4 Receptor Signaling in Myeloid Cells Controls Collagen Fibril Assembly in Skin Repair. *Immunity*, **2015**, 43, 803-16	32.3	182
275	Transcriptome analysis of proton pump inhibitor-responsive esophageal eosinophilia reveals proton pump inhibitor-reversible allergic inflammation. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 187-97	11.5	160
274	IL-1 in eosinophil-mediated small intestinal homeostasis and IgA production. *Mucosal Immunology*, **2015**, 8, 930-42	9.2	114
273	Molecular, genetic, and cellular bases for treating eosinophilic esophagitis. *Gastroenterology*, **2015**, 148, 1143-57	13.3	151
272	Intravenous anti-IL-13 mAb QAX576 for the treatment of eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2015**, 135, 500-7	11.5	203
271	Resistin-Like Molecule in Allergen-Induced Pulmonary Vascular Remodeling. *American Journal of Respiratory Cell and Molecular Biology*, **2015**, 53, 303-13	5.7	14
270	Value of an Additional Review for Eosinophil Quantification in Esophageal Biopsies. *Journal of Pediatric Gastroenterology and Nutrition*, **2015**, 61, 65-8	2.8	22
269	MicroRNA-21 Ablation Exacerbates Aldosterone-Mediated Cardiac Injury, Remodeling and Dysfunction. *FASEB Journal*, **2015**, 29, 1037.3	0.9	
268	Paired immunoglobulin-like receptor A is an intrinsic, self-limiting suppressor of IL-5-induced eosinophil development. *Nature Immunology*, **2014**, 15, 36-44	19.1	47
267	Analysis and expansion of the eosinophilic esophagitis transcriptome by RNA sequencing. *Genes and Immunity*, **2014**, 15, 361-9	4.4	75

266	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	11.5	146
265	Histologic eosinophilic gastritis is a systemic disorder associated with blood and extragastric eosinophilia, TH2 immunity, and a unique gastric transcriptome. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 1114-24	11.5	89
264	Roles and regulation of gastrointestinal eosinophils in immunity and disease. *Journal of Immunology*, **2014**, 193, 999-1005	5.3	83
263	MicroRNA-21 coordinates human multipotent cardiovascular progenitors therapeutic potential. *Stem Cells*, **2014**, 32, 2908-22	5.8	28
262	Genome-wide association analysis of eosinophilic esophagitis provides insight into the tissue specificity of this allergic disease. *Nature Genetics*, **2014**, 46, 895-900	36.3	185
261	Correlation of increased PARP14 and CCL26 expression in biopsies from children with eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 577-80	11.5	13
260	Mendelian inheritance of elevated serum tryptase associated with atopy and connective tissue abnormalities. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1471-4	11.5	82
259	Rab5 is a novel regulator of mast cell secretory granules: impact on size, cargo, and exocytosis. *Journal of Immunology*, **2014**, 192, 4043-53	5.3	36
258	IL-5 triggers a cooperative cytokine network that promotes eosinophil precursor maturation. *Journal of Immunology*, **2014**, 193, 4043-52	5.3	60
257	Demethylation of the human eotaxin-3 gene promoter leads to the elevated expression of eotaxin-3. *Journal of Immunology*, **2014**, 192, 466-74	5.3	19
256	Carbonic anhydrase IV is expressed on IL-5-activated murine eosinophils. *Journal of Immunology*, **2014**, 192, 5481-9	5.3	13
255	Phenome-wide association study (PheWAS) in EMR-linked pediatric cohorts, genetically links PLCL1 to speech language development and IL5-IL13 to Eosinophilic Esophagitis. *Frontiers in Genetics*, **2014**, 5, 401	4.5	56
254	Desmoglein-1 regulates esophageal epithelial barrier function and immune responses in eosinophilic esophagitis. *Mucosal Immunology*, **2014**, 7, 718-29	9.2	184
253	Increased prevalence of eosinophilic gastrointestinal disorders in pediatric PTEN hamartoma tumor syndromes. *Journal of Pediatric Gastroenterology and Nutrition*, **2014**, 58, 553-60	2.8	34
252	Utility of neutrophil Fc receptor I (CD64) index as a biomarker for mucosal inflammation in pediatric Crohn's disease. *Inflammatory Bowel Diseases*, **2014**, 20, 1037-48	4.5	20
251	Eosinophils and cancer. *Cancer Immunology Research*, **2014**, 2, 1-8	12.5	157
250	Genetic and epigenetic underpinnings of eosinophilic esophagitis. *Gastroenterology Clinics of North America*, **2014**, 43, 269-80	4.4	24
249	Efficacy, dose reduction, and resistance to high-dose fluticasone in patients with eosinophilic esophagitis. *Gastroenterology*, **2014**, 147, 324-33.e5	13.3	163

248	Eosinophilic Gastrointestinal Disorders **2014**, 1095-1106		3
247	Molecular diagnosis of eosinophilic esophagitis by gene expression profiling. *Gastroenterology*, **2013**, 145, 1289-99	13.3	159
246	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. *Nature Medicine*, **2013**, 19, 232-7	50.5	110
245	Targeting eosinophils in allergy, inflammation and beyond. *Nature Reviews Drug Discovery*, **2013**, 12, 117-29	64.1	290
244	Long-term safety of mepolizumab for the treatment of hypereosinophilic syndromes. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 461-7.e1-5	11.5	122
243	The management of eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology: in Practice*, **2013**, 1, 332-40; quiz 341-2	5.4	43
242	High prevalence of eosinophilic esophagitis in patients with inherited connective tissue disorders. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 378-86	11.5	114
241	Diagnostic, functional, and therapeutic roles of microRNA in allergic diseases. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 3-13; quiz 14	11.5	157
240	Advances in mechanisms of allergy and clinical immunology in 2012. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 661-7	11.5	13
239	Reply: To PMID 22541246. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 243-4	11.5	4
238	Antigen presentation by eosinophils in eosinophilic esophagitis?. *Journal of Pediatric Gastroenterology and Nutrition*, **2013**, 56, 242	2.8	10
237	PedsQL eosinophilic esophagitis module: feasibility, reliability, and validity. *Journal of Pediatric Gastroenterology and Nutrition*, **2013**, 57, 57-66	2.8	64
236	IL-33 markedly activates murine eosinophils by an NF-B-dependent mechanism differentially dependent upon an IL-4-driven autoinflammatory loop. *Journal of Immunology*, **2013**, 191, 4317-25	5.3	66
235	Eosinophil adoptive transfer system to directly evaluate pulmonary eosinophil trafficking in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 6067-72	11.5	38
234	MiR-223 deficiency increases eosinophil progenitor proliferation. *Journal of Immunology*, **2013**, 190, 1576-82	5.3	57
233	Targeted ablation of miR-21 decreases murine eosinophil progenitor cell growth. *PLoS ONE*, **2013**, 8, e59397	3.7	41
232	Spi-C Negatively Regulates Murine Eosinophil Differentiation. *Blood*, **2013**, 122, 2273-2273	2.2	
231	Behavioral feeding problems and parenting stress in eosinophilic gastrointestinal disorders in children. *Pediatric Allergy and Immunology*, **2012**, 23, 730-5	4.2	26

230	ICON: Eosinophil Disorders. *World Allergy Organization Journal*, **2012**, 5, 174-81	5.2	20
229	Resistin-like molecule-β regulates IL-13-induced chemokine production but not allergen-induced airway responses. *American Journal of Respiratory Cell and Molecular Biology*, **2012**, 46, 703-13	5.7	32
228	The pan-B cell marker CD22 is expressed on gastrointestinal eosinophils and negatively regulates tissue eosinophilia. *Journal of Immunology*, **2012**, 188, 1075-82	5.3	38
227	Behavioral functioning and treatment adherence in pediatric eosinophilic gastrointestinal disorders. *Pediatric Allergy and Immunology*, **2012**, 23, 494-9	4.2	19
226	MiR-375 is downregulated in epithelial cells after IL-13 stimulation and regulates an IL-13-induced epithelial transcriptome. *Mucosal Immunology*, **2012**, 5, 388-96	9.2	51
225	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, 456-63, 463.e1-3	11.5	350
224	Advances in mechanisms of asthma, allergy, and immunology in 2011. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 335-41	11.5	37
223	MicroRNA signature in patients with eosinophilic esophagitis, reversibility with glucocorticoids, and assessment as disease biomarkers. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 1064-75.e9	11.5	122
222	Comparative dietary therapy effectiveness in remission of pediatric eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 1570-8	11.5	206
221	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
220	Novel targeted therapies for eosinophilic disorders. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 563-71	11.5	81
219	Eosinophilic esophagitis: rapidly advancing insights. *Annual Review of Medicine*, **2012**, 63, 421-34	17.4	50
218	Development of the Pediatric Quality of Life Inventory™ Eosinophilic Esophagitis module items: qualitative methods. *BMC Gastroenterology*, **2012**, 12, 135	3	35
217	Quality of life in paediatric eosinophilic oesophagitis: what is important to patients?. *Child: Care, Health and Development*, **2012**, 38, 477-83	2.8	49
216	Treatment adherence in pediatric eosinophilic gastrointestinal disorders. *Journal of Pediatric Psychology*, **2012**, 37, 533-42	3.2	14
215	The Greater Cincinnati Pediatric Clinic Repository: A Novel Framework for Childhood Asthma and Allergy Research. *Pediatric, Allergy, Immunology, and Pulmonology*, **2012**, 25, 104-113	0.8	21
214	Negative Regulation of Eosinophil Production by Toll-Like Receptors. *Blood*, **2012**, 120, 1237-1237	2.2	0
213	A striking local esophageal cytokine expression profile in eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 208-17, 217.e1-7	11.5	189

212	Advances in mechanisms of asthma, allergy, and immunology in 2010. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 689-95	11.5	55
211	Eosinophilic esophagitis: updated consensus recommendations for children and adults. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 3-20.e6; quiz 21-2	11.5	1502
210	Genetic dissection of eosinophilic esophagitis provides insight into disease pathogenesis and treatment strategies. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 23-32; quiz 33-4	11.5	99
209	Long-term outcomes in pediatric-onset esophageal eosinophilia. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 132-8	11.5	103
208	The role of neuropeptide S and neuropeptide S receptor 1 in regulation of respiratory function in mice. *Peptides*, **2011**, 32, 818-25	3.8	15
207	Differences in candidate gene association between European ancestry and African American asthmatic children. *PLoS ONE*, **2011**, 6, e16522	3.7	52
206	Acquired coenzyme Q10 deficiency in children with recurrent food intolerance and allergies. *Mitochondrion*, **2011**, 11, 127-35	4.9	23
205	Development of a validated patient-reported symptom metric for pediatric eosinophilic esophagitis: qualitative methods. *BMC Gastroenterology*, **2011**, 11, 126	3	63
204	Colonic eosinophilic inflammation in experimental colitis is mediated by Ly6C(high) CCR2(+) inflammatory monocyte/macrophage-derived CCL11. *Journal of Immunology*, **2011**, 186, 5993-6003	5.3	76
203	Epigenetic regulation of the IL-13-induced human eotaxin-3 gene by CREB-binding protein-mediated histone 3 acetylation. *Journal of Biological Chemistry*, **2011**, 286, 13193-204	5.4	31
202	Agonist activation of f-actin-mediated eosinophil shape change and mediator release is dependent on Rac2. *International Archives of Allergy and Immunology*, **2011**, 156, 137-47	3.7	18
201	Interleukin-13 (IL-13)/IL-13 receptor alpha1 (IL-13Ralpha1) signaling regulates intestinal epithelial cystic fibrosis transmembrane conductance regulator channel-dependent Cl- secretion. *Journal of Biological Chemistry*, **2011**, 286, 13357-69	5.4	36
200	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. *Journal of Immunology*, **2011**, 187, 3362-73	5.3	270
199	IL-13 receptor α1 differentially regulates aeroallergen-induced lung responses. *Journal of Immunology*, **2011**, 187, 4873-80	5.3	28
198	Polymorphisms in the sialic acid-binding immunoglobulin-like lectin-8 (Siglec-8) gene are associated with susceptibility to asthma. *European Journal of Human Genetics*, **2010**, 18, 713-9	5.3	46
197	Innate sensing of nickel. *Nature Immunology*, **2010**, 11, 781-2	19.1	20
196	IL-13Rα2 has a protective role in a mouse model of cutaneous inflammation. *Journal of Immunology* , **2010**, 185, 6802-8	5.3	28
195	Coordinate interaction between IL-13 and epithelial differentiation cluster genes in eosinophilic esophagitis. *Journal of Immunology*, **2010**, 184, 4033-41	5.3	204

194	Arginase I suppresses IL-12/IL-23p40-driven intestinal inflammation during acute schistosomiasis. *Journal of Immunology*, **2010**, 184, 6438-46	5.3	94
193	IL-13 induces esophageal remodeling and gene expression by an eosinophil-independent, IL-13R alpha 2-inhibited pathway. *Journal of Immunology*, **2010**, 185, 660-9	5.3	141
192	Importance of cytokines in murine allergic airway disease and human asthma. *Journal of Immunology*, **2010**, 184, 1663-74	5.3	225
191	Indoor insect allergens are potent inducers of experimental eosinophilic esophagitis in mice. *Journal of Leukocyte Biology*, **2010**, 88, 337-46	6.5	64
190	Local B cells and IgE production in the oesophageal mucosa in eosinophilic oesophagitis. *Gut*, **2010**, 59, 12-20	19.2	154
189	Persistent rotavirus vaccine shedding in a new case of severe combined immunodeficiency: A reason to screen. *Journal of Allergy and Clinical Immunology*, **2010**, 125, 270-1	11.5	24
188	Key advances in mechanisms of asthma, allergy, and immunology in 2009. *Journal of Allergy and Clinical Immunology*, **2010**, 125, 312-8	11.5	36
187	Glucocorticoid-regulated genes in eosinophilic esophagitis: a role for FKBP51. *Journal of Allergy and Clinical Immunology*, **2010**, 125, 879-888.e8	11.5	66
186	Organ-specific eosinophilic disorders of the skin, lung, and gastrointestinal tract. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 3-13; quiz 14-5	11.5	70
185	Refining the definition of hypereosinophilic syndrome. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 45-9	11.5	232
184	Involvement of mast cells in eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 140-9	11.5	202
183	Variants of thymic stromal lymphopoietin and its receptor associate with eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 160-5.e3	11.5	199
182	Identification, epidemiology, and chronicity of pediatric esophageal eosinophilia, 1982-1999. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 112-9	11.5	100
181	TGF-β1: Mediator of a feedback loop in eosinophilic esophagitis--or should we really say mastocytic esophagitis?. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 1205-7	11.5	27
180	Interleukin-15 expression is increased in human eosinophilic esophagitis and mediates pathogenesis in mice. *Gastroenterology*, **2010**, 139, 182-93.e7	13.3	77
179	Common variants at 5q22 associate with pediatric eosinophilic esophagitis. *Nature Genetics*, **2010**, 42, 289-91	36.3	321
178	Psychological Functioning of Children and Adolescents With Eosinophil-Associated Gastrointestinal Disorders. *Children's Health Care*, **2010**, 39, 266-278	0.9	22
177	Health-related quality of life across pediatric chronic conditions. *Journal of Pediatrics*, **2010**, 156, 639-44	3.6	145

176	Abnormal response to stress and impaired NPS-induced hyperlocomotion, anxiolytic effect and corticosterone increase in mice lacking NPSR1. *Psychoneuroendocrinology*, **2010**, 35, 1119-32	5	48
175	Toll-Like Receptor Signaling Inhibits Eosinophilopoiesis.. *Blood*, **2010**, 116, 1558-1558	2.2	
174	Resistin-like molecule alpha decreases glucose tolerance during intestinal inflammation. *Journal of Immunology*, **2009**, 182, 2357-63	5.3	35
173	Intestinal epithelial cell secretion of RELM-beta protects against gastrointestinal worm infection. *Journal of Experimental Medicine*, **2009**, 206, 2947-57	16.6	189
172	Ablation of type I hypersensitivity in experimental allergic conjunctivitis by eotaxin-1/CCR3 blockade. *International Immunology*, **2009**, 21, 187-201	4.9	27
171	Eosinophilic esophagitis: concepts, controversies, and evidence. *Current Gastroenterology Reports*, **2009**, 11, 220-5	5	17
170	CCR3 is a target for age-related macular degeneration diagnosis and therapy. *Nature*, **2009**, 460, 225-30	50.4	199
169	Targeting IL-4/IL-13 signaling to alleviate oral allergen-induced diarrhea. *Journal of Allergy and Clinical Immunology*, **2009**, 123, 53-8	11.5	51
168	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
167	Biology and treatment of eosinophilic esophagitis. *Gastroenterology*, **2009**, 137, 1238-49	13.3	238
166	Chemotactic factors associated with eosinophilic gastrointestinal diseases. *Immunology and Allergy Clinics of North America*, **2009**, 29, 141-8, xi	3.3	8
165	MicroRNA-21 is up-regulated in allergic airway inflammation and regulates IL-12p35 expression. *Journal of Immunology*, **2009**, 182, 4994-5002	5.3	466
164	Biology of the eosinophil. *Advances in Immunology*, **2009**, 101, 81-121	5.6	228
163	Dissociation between symptoms and histological severity in pediatric eosinophilic esophagitis. *Journal of Pediatric Gastroenterology and Nutrition*, **2009**, 48, 152-60	2.8	159
162	Eosinophil viability is increased by acidic pH in a cAMP- and GPR65-dependent manner. *Blood*, **2009**, 114, 2774-82	2.2	70
161	Siglec-F antibody administration to mice selectively reduces blood and tissue eosinophils. *Allergy: European Journal of Allergy and Clinical Immunology*, **2008**, 63, 1156-63	9.3	100
160	Surfactant protein D alters allergic lung responses in mice and human subjects. *Journal of Allergy and Clinical Immunology*, **2008**, 121, 1140-1147.e2	11.5	46
159	Treatment of patients with the hypereosinophilic syndrome with mepolizumab. *New England Journal of Medicine*, **2008**, 358, 1215-28	59.2	451

158	Clinical, pathologic, and molecular characterization of familial eosinophilic esophagitis compared with sporadic cases. *Clinical Gastroenterology and Hepatology*, **2008**, 6, 621-9	6.9	90
157	Esophageal remodeling develops as a consequence of tissue specific IL-5-induced eosinophilia. *Gastroenterology*, **2008**, 134, 204-14	13.3	205
156	Basic pathogenesis of eosinophilic esophagitis. *Gastrointestinal Endoscopy Clinics of North America*, **2008**, 18, 133-43; x	3.3	80
155	Pulmonary eosinophilia requires interleukin-5, eotaxin-1, and CD4+ T cells in mice immunized with respiratory syncytial virus G glycoprotein. *Journal of Leukocyte Biology*, **2008**, 84, 748-59	6.5	21
154	2007 E. Mead Johnson award: scientific pursuit of the allergy problem. *Pediatric Research*, **2008**, 64, 110-5	3.2	
153	IL-4R alpha expression by bone marrow-derived cells is necessary and sufficient for host protection against acute schistosomiasis. *Journal of Immunology*, **2008**, 180, 4948-55	5.3	29
152	Intestinal macrophage/epithelial cell-derived CCL11/eotaxin-1 mediates eosinophil recruitment and function in pediatric ulcerative colitis. *Journal of Immunology*, **2008**, 181, 7390-9	5.3	117
151	Distinct roles for IL-13 and IL-4 via IL-13 receptor alpha1 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, 7240-5	11.5	193
150	Periostin facilitates eosinophil tissue infiltration in allergic lung and esophageal responses. *Mucosal Immunology*, **2008**, 1, 289-96	9.2	197
149	IL-9- and mast cell-mediated intestinal permeability predisposes to oral antigen hypersensitivity. *Journal of Experimental Medicine*, **2008**, 205, 897-913	16.6	207
148	A dual activation and inhibition role for the paired immunoglobulin-like receptor B in eosinophils. *Blood*, **2008**, 111, 5694-703	2.2	46
147	Dietary allergenic proteins and intestinal immunity: a shift from oral tolerance to sensitization. *Clinical and Experimental Allergy*, **2008**, 38, 229-32	4.1	4
146	Allergy and eosinophil-associated gastrointestinal disorders (EGID). *Current Opinion in Immunology*, **2008**, 20, 703-8	7.8	50
145	Origin, regulation and physiological function of intestinal oeosinophils. *Baillière's Best Practice and Research in Clinical Gastroenterology*, **2008**, 22, 411-23	2.5	20
144	Stem Cell Factor Signaling Collaborates in the Development of FIP1L1/PDGFR□Induced Chronic Eosinophilic Leukemia in a Murine Model. *Blood*, **2008**, 112, 470-470	2.2	1
143	Gastrointestinal eosinophilia. *Immunology and Allergy Clinics of North America*, **2007**, 27, 443-55	3.3	57
142	Eosinophilic esophagitis in children and adults: a systematic review and consensus recommendations for diagnosis and treatment. *Gastroenterology*, **2007**, 133, 1342-63	13.3	1295
141	Influence of cigarette smoke on the arginine pathway in asthmatic airways: increased expression of arginase I. *Journal of Allergy and Clinical Immunology*, **2007**, 119, 391-7	11.5	81

140	Pediatric patients with eosinophilic esophagitis: an 8-year follow-up. *Journal of Allergy and Clinical Immunology*, **2007**, 119, 731-8	11.5	260
139	IL-13 involvement in eosinophilic esophagitis: transcriptome analysis and reversibility with glucocorticoids. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 1292-300	11.5	324
138	CD48 is critically involved in allergic eosinophilic airway inflammation. *American Journal of Respiratory and Critical Care Medicine*, **2007**, 175, 911-8	10.2	38
137	Regulation of carcinogenesis by IL-5 and CCL11: a potential role for eosinophils in tumor immune surveillance. *Journal of Immunology*, **2007**, 178, 4222-9	5.3	152
136	Critical role for adaptive T cell immunity in experimental eosinophilic esophagitis in mice. *Journal of Leukocyte Biology*, **2007**, 81, 916-24	6.5	123
135	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	2.8	89
134	An eosinophil hypothesis for functional dyspepsia. *Clinical Gastroenterology and Hepatology*, **2007**, 5, 1147-8	6.9	19
133	Crosstalk between Gi and Gq/Gs pathways in airway smooth muscle regulates bronchial contractility and relaxation. *Journal of Clinical Investigation*, **2007**, 117, 1391-8	15.9	53
132	FIP1L1/PDGFRa Synergizes with SCF/c-Kit Signaling To Induce Systemic Mastocytosis in a Chronic Eosinophilic Leukemia Murine Model. *Blood*, **2007**, 110, 1540-1540	2.2	
131	Eosinophil Function in Eosinophil-associated Gastrointestinal Disorders. *Current Allergy and Asthma Reports*, **2006**, 6, 65-71	5.6	44
130	The role of Th2 cytokines, chemokines and parasite products in eosinophil recruitment to the gastrointestinal mucosa during helminth infection. *European Journal of Immunology*, **2006**, 36, 1753-63	6.1	50
129	Persistent effects induced by IL-13 in the lung. *American Journal of Respiratory Cell and Molecular Biology*, **2006**, 35, 337-46	5.7	88
128	Cationic amino acid transporter 2 regulates inflammatory homeostasis in the lung. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 14895-900	11.5	32
127	ICAM-1-dependent pathways regulate colonic eosinophilic inflammation. *Journal of Leukocyte Biology*, **2006**, 80, 330-41	6.5	41
126	Inhibition of arginase I activity by RNA interference attenuates IL-13-induced airways hyperresponsiveness. *Journal of Immunology*, **2006**, 177, 5595-603	5.3	86
125	CD48 is an allergen and IL-3-induced activation molecule on eosinophils. *Journal of Immunology*, **2006**, 177, 77-83	5.3	51
124	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, 16418-23	11.5	161
123	Quantity and distribution of eosinophils in the gastrointestinal tract of children. *Pediatric and Developmental Pathology*, **2006**, 9, 210-8	2.2	201

122	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, 7327-32	11.5	101
121	Allergen induced TFF2 is expressed by mucus-producing airway epithelial cells but is not a major regulator of inflammatory responses in the murine lung. *Experimental Lung Research*, **2006**, 32, 483-97	2.3	17
120	Eosinophils and CCR3 regulate interleukin-13 transgene-induced pulmonary remodeling. *American Journal of Pathology*, **2006**, 169, 2117-26	5.8	70
119	Potential of blood eosinophils, eosinophil-derived neurotoxin, and eotaxin-3 as biomarkers of eosinophilic esophagitis. *Clinical Gastroenterology and Hepatology*, **2006**, 4, 1328-36	6.9	149
118	A randomized, double-blind, placebo-controlled trial of fluticasone propionate for pediatric eosinophilic esophagitis. *Gastroenterology*, **2006**, 131, 1381-91	13.3	468
117	IL-17E upregulates the expression of proinflammatory cytokines in lung fibroblasts. *Journal of Allergy and Clinical Immunology*, **2006**, 117, 590-6	11.5	85
116	Approaches to the treatment of hypereosinophilic syndromes: a workshop summary report. *Journal of Allergy and Clinical Immunology*, **2006**, 117, 1292-302	11.5	272
115	Resistin-like molecule beta regulates innate colonic function: barrier integrity and inflammation susceptibility. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 257-68	11.5	120
114	Epicutaneous aeroallergen exposure induces systemic TH2 immunity that predisposes to allergic nasal responses. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 62-9	11.5	69
113	Experimental gastrointestinal allergy enhances pulmonary responses to specific and unrelated allergens. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 420-7	11.5	22
112	Eosinophilic esophagitis: pathogenesis, genetics, and therapy. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 1054-9	11.5	159
111	Anti-IL-5 (mepolizumab) therapy for eosinophilic esophagitis. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 1312-9	11.5	323
110	The FIP1L1-PDGFRA fusion gene cooperates with IL-5 to induce murine hypereosinophilic syndrome (HES)/chronic eosinophilic leukemia (CEL)-like disease. *Blood*, **2006**, 107, 4071-9	2.2	70
109	The alpha4bbeta7-integrin is dynamically expressed on murine eosinophils and involved in eosinophil trafficking to the intestine. *Clinical and Experimental Allergy*, **2006**, 36, 543-53	4.1	47
108	The eosinophil. *Annual Review of Immunology*, **2006**, 24, 147-74	34.7	1143
107	Eotaxin-3 and a uniquely conserved gene-expression profile in eosinophilic esophagitis. *Journal of Clinical Investigation*, **2006**, 116, 536-47	15.9	619
106	Steroid-Sparing Effects of Anti-IL-5 Monoclonal Antibody (Mepolizumab) Therapy in Patients with HES: A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial.. *Blood*, **2006**, 108, 373-373	2.2	4
105	Current concepts on the pathogenesis of the hypereosinophilic syndrome/chronic eosinophilic leukemia. *Translational Oncogenomics*, **2006**, 1, 53-63		2

104	Safety and Tolerability of Anti-IL-5 Monoclonal Antibody (Mepolizumab) Therapy in Patients with HES: A Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial.. *Blood*, **2006**, 108, 2694-2694	2.2	
103	SCF and IL-5 Synergize with FIP1L1/PDGFR To Induce Mastocytosis in a Chronic Eosinophilic Leukemia Murine Model.. *Blood*, **2006**, 108, 3631-3631	2.2	
102	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	2.8	100
101	Anti-IL-5 and hypereosinophilic syndromes. *Clinical Immunology*, **2005**, 115, 51-60	9	34
100	Transgenic expression of bean alpha-amylase inhibitor in peas results in altered structure and immunogenicity. *Journal of Agricultural and Food Chemistry*, **2005**, 53, 9023-30	5.7	139
99	Epicutaneous antigen exposure primes for experimental eosinophilic esophagitis in mice. *Gastroenterology*, **2005**, 129, 985-94	13.3	156
98	Molecular mechanisms of anaphylaxis: lessons from studies with murine models. *Journal of Allergy and Clinical Immunology*, **2005**, 115, 449-57; quiz 458	11.5	166
97	Eosinophilic esophagitis. *Current Opinion in Pediatrics*, **2005**, 17, 690-4	3.2	34
96	CXCL9 inhibits eosinophil responses by a CCR3- and Rac2-dependent mechanism. *Blood*, **2005**, 106, 436-43	2.2	31
95	Inhibition of human interleukin-13-induced respiratory and oesophageal inflammation by anti-human-interleukin-13 antibody (CAT-354). *Clinical and Experimental Allergy*, **2005**, 35, 1096-103	4.1	153
94	Eotaxin-1-regulated eosinophils have a critical role in innate immunity against experimental Brugia malayi infection. *European Journal of Immunology*, **2005**, 35, 189-97	6.1	46
93	The eotaxin chemokines and CCR3 are fundamental regulators of allergen-induced pulmonary eosinophilia. *Journal of Immunology*, **2005**, 175, 5341-50	5.3	190
92	Expression and regulation of small proline-rich protein 2 in allergic inflammation. *American Journal of Respiratory Cell and Molecular Biology*, **2005**, 32, 428-35	5.7	50
91	Suppressive effect of IL-4 on IL-13-induced genes in mouse lung. *Journal of Immunology*, **2005**, 174, 4630-8	5.3	36
90	Identification of a cooperative mechanism involving interleukin-13 and eotaxin-2 in experimental allergic lung inflammation. *Journal of Biological Chemistry*, **2005**, 280, 13952-61	5.4	123
89	Hypereosinophilic syndromes and new therapeutic approaches including anti-IL-5. *Expert Review of Clinical Immunology*, **2005**, 1, 633-44	5.1	2
88	Negative regulation of eosinophil recruitment to the lung by the chemokine monokine induced by IFN-gamma (Mig, CXCL9). *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 1987-92	11.5	81
87	Expression and regulation of a disintegrin and metalloproteinase (ADAM) 8 in experimental asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2004**, 31, 257-65	5.7	96

86	Pulmonary chemokine expression is coordinately regulated by STAT1, STAT6, and IFN-gamma. *Journal of Immunology*, **2004**, 173, 7565-74	5.3	90
85	Eosinophilic esophagitis. *New England Journal of Medicine*, **2004**, 351, 940-1	59.2	629
84	Chemokines in eosinophil-associated gastrointestinal disorders. *Current Allergy and Asthma Reports* , **2004**, 4, 74-82	5.6	22
83	Clinical and immunopathologic effects of swallowed fluticasone for eosinophilic esophagitis. *Clinical Gastroenterology and Hepatology*, **2004**, 2, 568-75	6.9	230
82	Eosinophilic gastrointestinal disorders (EGID). *Journal of Allergy and Clinical Immunology*, **2004**, 113, 11-28; quiz 29	11.5	676
81	Anti-interleukin-5 (mepolizumab) therapy for hypereosinophilic syndromes. *Journal of Allergy and Clinical Immunology*, **2004**, 113, 115-9	11.5	305
80	Culpable role for eosinophils in asthma remodeling?. *Journal of Allergy and Clinical Immunology*, **2004**, 113, 1009-1010	11.5	2
79	Arginine in asthma and lung inflammation. *Journal of Nutrition*, **2004**, 134, 2830S-2836S; discussion 2853S	4.1	63
78	Transcript signatures in experimental asthma: identification of STAT6-dependent and -independent pathways. *Journal of Immunology*, **2004**, 172, 1815-24	5.3	103
77	A plant-based allergy vaccine suppresses experimental asthma via an IFN-gamma and CD4+CD45RBlow T cell-dependent mechanism. *Journal of Immunology*, **2003**, 171, 2116-26	5.3	41
76	Trefoil factor-2 is an allergen-induced gene regulated by Th2 cytokines and STAT6 in the lung. *American Journal of Respiratory Cell and Molecular Biology*, **2003**, 29, 458-64	5.7	45
75	Constitutive overexpression of IL-5 induces extramedullary hematopoiesis in the spleen. *Blood*, **2003**, 101, 863-8	2.2	17
74	Major link between mast cells and the idiopathic hypereosinophilic syndrome. *Blood*, **2003**, 101, 4647-4648	2.2	1
73	Immunotherapy of cytotoxic T cell-resistant tumors by T helper 2 cells: an eotaxin and STAT6-dependent process. *Journal of Experimental Medicine*, **2003**, 197, 387-93	16.6	184
72	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, 935-43	11.5	97
71	Intratracheal IL-13 induces eosinophilic esophagitis by an IL-5, eotaxin-1, and STAT6-dependent mechanism. *Gastroenterology*, **2003**, 125, 1419-27	13.3	307
70	A negative, double-blind, placebo-controlled challenge to genetically modified corn. *Journal of Allergy and Clinical Immunology*, **2003**, 112, 1011-2	11.5	24
69	Chemokines in asthma: cooperative interaction between chemokines and IL-13. *Journal of Allergy and Clinical Immunology*, **2003**, 111, 227-42; quiz 243	11.5	261

68	Molecular analysis of human Siglec-8 orthologs relevant to mouse eosinophils: identification of mouse orthologs of Siglec-5 (mSiglec-F) and Siglec-10 (mSiglec-G). *Genomics*, **2003**, 82, 521-30	4.3	40
67	Receptor internalization is required for eotaxin-induced responses in human eosinophils. *Journal of Allergy and Clinical Immunology*, **2003**, 111, 97-105	11.5	77
66	Mast cells are required for experimental oral allergen-induced diarrhea. *Journal of Clinical Investigation*, **2003**, 112, 1666-77	15.9	280
65	CD44--a sticky target for asthma. *Journal of Clinical Investigation*, **2003**, 111, 1460-2	15.9	14
64	Enterocyte expression of the eotaxin and interleukin-5 transgenes induces compartmentalized dysregulation of eosinophil trafficking. *Journal of Biological Chemistry*, **2002**, 277, 4406-12	5.4	77
63	IL-5 promotes eosinophil trafficking to the esophagus. *Journal of Immunology*, **2002**, 168, 2464-9	5.3	278
62	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, 1433-44	16.6	230
61	Defective T cell development and function in calcineurin A beta -deficient mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 9398-403	11.5	151
60	Experimental analysis of eosinophil-associated gastrointestinal diseases. *Current Opinion in Allergy and Clinical Immunology*, **2002**, 2, 239-48	3.3	24
59	Eosinophil-associated gastrointestinal disorders: a world-wide-web based registry. *Journal of Pediatrics*, **2002**, 141, 576-81	3.6	140
58	Gastrointestinal eosinophils in health and disease. *Advances in Immunology*, **2001**, 78, 291-328	5.6	87
57	Distinct spatial requirement for eosinophil-induced airways hyperreactivity. *Immunology and Cell Biology*, **2001**, 79, 165-9	5	10
56	Gastrointestinal eosinophils. *Allergy: European Journal of Allergy and Clinical Immunology*, **2001**, 56 Suppl 67, 21-2	9.3	45
55	Gastrointestinal eosinophils. *Immunological Reviews*, **2001**, 179, 139-55	11.3	214
54	Elemental signals regulating eosinophil accumulation in the lung. *Immunological Reviews*, **2001**, 179, 173-81	11.3	190
53	A pathological function for eotaxin and eosinophils in eosinophilic gastrointestinal inflammation. *Nature Immunology*, **2001**, 2, 353-60	19.1	249
52	Tryptase 4, a new member of the chromosome 17 family of mouse serine proteases. *Journal of Biological Chemistry*, **2001**, 276, 20648-58	5.4	27
51	Interleukin-5-mediated allergic airway inflammation inhibits the human surfactant protein C promoter in transgenic mice. *Journal of Biological Chemistry*, **2001**, 276, 8453-9	5.4	42

50	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, 522-30	5.7	127
49	IL-13 induces eosinophil recruitment into the lung by an IL-5- and eotaxin-dependent mechanism. *Journal of Allergy and Clinical Immunology*, **2001**, 108, 594-601	11.5	230
48	An etiological role for aeroallergens and eosinophils in experimental esophagitis. *Journal of Clinical Investigation*, **2001**, 107, 83-90	15.9	476
47	Eosinophil levels in mice are significantly higher in small blood vessels than in large blood vessels. *Journal of Allergy and Clinical Immunology*, **2001**, 108, 142-3	11.5	11
46	Molecular analysis of CCR-3 events in eosinophilic cells. *Journal of Immunology*, **2000**, 164, 1055-64	5.3	39
45	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, 6681-6	11.5	147
44	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, 2142-50	5.3	154
43	Murine eotaxin-2: a constitutive eosinophil chemokine induced by allergen challenge and IL-4 overexpression. *Journal of Immunology*, **2000**, 165, 5839-46	5.3	143
42	Peyer's patch eosinophils: identification, characterization, and regulation by mucosal allergen exposure, interleukin-5, and eotaxin. *Blood*, **2000**, 96, 1538-44	2.2	14
41	Analysis of the CC chemokine receptor 3 gene reveals a complex 5' exon organization, a functional role for untranslated exon 1, and a broadly active promoter with eosinophil-selective elements. *Blood*, **2000**, 96, 2346-54	2.2	9
40	Eotaxin. An essential mediator of eosinophil trafficking into mucosal tissues. *American Journal of Respiratory Cell and Molecular Biology*, **1999**, 21, 291-5	5.7	148
39	CC chemokine receptor-3 undergoes prolonged ligand-induced internalization. *Journal of Biological Chemistry*, **1999**, 274, 12611-8	5.4	106
38	Chemokines and chemokine receptors: their role in allergic airway disease. *Journal of Clinical Immunology*, **1999**, 19, 250-65	5.7	65
37	The R576 IL-4 receptor alpha allele correlates with asthma severity. *Journal of Allergy and Clinical Immunology*, **1999**, 104, 1008-14	11.5	126
36	Fundamental signals that regulate eosinophil homing to the gastrointestinal tract. *Journal of Clinical Investigation*, **1999**, 103, 1719-27	15.9	291
35	Cellular and molecular regulation of eosinophil trafficking to the lung. *Immunology and Cell Biology*, **1998**, 76, 454-60	5	30
34	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	11.5	96
33	Molecular and biological characterization of the murine leukotriene B4 receptor expressed on eosinophils. *Journal of Experimental Medicine*, **1998**, 188, 1063-74	16.6	139

32	Eosinophilia. *New England Journal of Medicine*, **1998**, 338, 1592-600	59.2	811
31	Epithelial cells are a major cellular source of the chemokine eotaxin in the guinea pig lung. *Allergy and Asthma Proceedings*, **1998**, 19, 15-22	2.6	25
30	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, 6273-8	11.5	240
29	Targeted disruption of the chemokine eotaxin partially reduces antigen-induced tissue eosinophilia. *Journal of Experimental Medicine*, **1997**, 185, 785-90	16.6	475
28	Role of the monocyte chemoattractant protein and eotaxin subfamily of chemokines in allergic inflammation. *Journal of Leukocyte Biology*, **1997**, 62, 620-33	6.5	119
27	Genomic organization, complete sequence, and chromosomal location of the gene for human eotaxin (SCYA11), an eosinophil-specific CC chemokine. *Genomics*, **1997**, 41, 471-6	4.3	56
26	Expression of eotaxin by human lung epithelial cells: induction by cytokines and inhibition by glucocorticoids. *Journal of Clinical Investigation*, **1997**, 99, 1767-73	15.9	282
25	Identification of a mouse eosinophil receptor for the CC chemokine eotaxin. *Biochemical and Biophysical Research Communications*, **1996**, 223, 679-84	3.4	76
24	Cytotoxic gamma delta I lymphocytes associated with an Epstein-Barr virus-induced posttransplantation lymphoproliferative disorder. *Clinical Immunology and Immunopathology*, **1996**, 80, 266-72		18
23	Human eotaxin is a specific chemoattractant for eosinophil cells and provides a new mechanism to explain tissue eosinophilia. *Nature Medicine*, **1996**, 2, 449-56	50.5	599
22	Eotaxin triggers eosinophil-selective chemotaxis and calcium flux via a distinct receptor and induces pulmonary eosinophilia in the presence of interleukin 5 in mice. *Molecular Medicine*, **1996**, 2, 334-48	6.2	59
21	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	5.3	201
20	Murine eotaxin: an eosinophil chemoattractant inducible in endothelial cells and in interleukin 4-induced tumor suppression. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 8960-4	11.5	308
19	Molecular characterization of two murine eosinophil beta chemokine receptors. *Journal of Immunology*, **1995**, 155, 5299-305	5.3	76
18	A syndrome involving immunodeficiency and multiple intestinal atresias. *Immunodeficiency*, **1995**, 5, 171-8		28
17	Constitutive and allergen-induced expression of eotaxin mRNA in the guinea pig lung. *Journal of Experimental Medicine*, **1995**, 181, 1211-6	16.6	176
16	A morphometric study of normodense and hypodense human eosinophils that are derived in vivo and in vitro. *American Journal of Pathology*, **1990**, 137, 27-41	5.8	25
15	Interleukin 5 and phenotypically altered eosinophils in the blood of patients with the idiopathic hypereosinophilic syndrome. *Journal of Experimental Medicine*, **1989**, 170, 343-8	16.6	195

14	Influence of the fibroblast environment on the structure of mast cell proteoglycans. *Annals of the New York Academy of Sciences*, **1989**, 556, 233-44	6.5	12
13	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	5.3	181
12	Ocular allergy. Mast cells and eosinophils. *International Ophthalmology Clinics*, **1988**, 28, 267-74	1.7	12
11	Characterization of a human eosinophil proteoglycan, and augmentation of its biosynthesis and size by interleukin 3, interleukin 5, and granulocyte/macrophage colony stimulating factor. *Journal of Biological Chemistry*, **1988**, 263, 13901-8	5.4	62
10	Human eosinophils have prolonged survival, enhanced functional properties, and become hypodense when exposed to human interleukin 3. *Journal of Clinical Investigation*, **1988**, 81, 1986-92	15.9	330
9	Eosinophils cocultured with endothelial cells have increased survival and functional properties. *Science*, **1987**, 237, 645-7	33.3	122
8	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, 129-41	16.6	349
7	Biochemical and morphological characterization of basophilic leukocytes from two patients with myelogenous leukemia. *Journal of Immunology*, **1987**, 138, 2616-25	5.3	29
6	Ontogeny of in vitro-differentiated mouse mast cells. *Federation Proceedings*, **1987**, 46, 1915-9		9
5	Equilibrium constants for the interconversion of substituted 1-phenylethyl alcohols and ethers. A measurement of intramolecular electrostatic interactions. *Journal of the American Chemical Society*, **1985**, 107, 1340-1346	16.4	11
4	Formation and stability of ring-substituted 1-phenylethyl carbocations. *Journal of the American Chemical Society*, **1984**, 106, 1361-1372	16.4	107
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