

Sally E Wenzel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

358
papers

38,162
citations

92
h-index

189
g-index

393
ext. papers

45,376
ext. citations

9.3
avg, IF

7.53
L-index

#	Paper	IF	Citations
358	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. <i>European Respiratory Journal</i> , 2014 , 43, 343-73	13.6	2057
357	Asthma phenotypes: the evolution from clinical to molecular approaches. <i>Nature Medicine</i> , 2012 , 18, 716-25	50.5	1493
356	Identification of asthma phenotypes using cluster analysis in the Severe Asthma Research Program. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 315-23	10.2	1427
355	An official American Thoracic Society/European Respiratory Society statement: asthma control and exacerbations: standardizing endpoints for clinical asthma trials and clinical practice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 59-99	10.2	1304
354	Oral glucocorticoid-sparing effect of mepolizumab in eosinophilic asthma. <i>New England Journal of Medicine</i> , 2014 , 371, 1189-97	59.2	991
353	Dupilumab in persistent asthma with elevated eosinophil levels. <i>New England Journal of Medicine</i> , 2013 , 368, 2455-66	59.2	925
352	Asthma endotypes: a new approach to classification of disease entities within the asthma syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 355-60	11.5	788
351	Dupilumab Efficacy and Safety in Moderate-to-Severe Uncontrolled Asthma. <i>New England Journal of Medicine</i> , 2018 , 378, 2486-2496	59.2	763
350	Asthma: defining of the persistent adult phenotypes. <i>Lancet, The</i> , 2006 , 368, 804-13	40	753
349	Characterization of the severe asthma phenotype by the National Heart, Lung, and Blood Institute Severe Asthma Research Program. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 119, 405-13	11.5	709
348	Exploring the effects of omalizumab in allergic asthma: an analysis of biomarkers in the EXTRA study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 804-11	10.2	609
347	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. <i>Nature Genetics</i> , 2011 , 43, 887-92	36.3	605
346	Dupilumab efficacy and safety in adults with uncontrolled persistent asthma despite use of medium-to-high-dose inhaled corticosteroids plus a long-acting β_2 agonist: a randomised double-blind placebo-controlled pivotal phase 2b dose-ranging trial. <i>Lancet, The</i> , 2016 , 388, 31-44	40	572
345	A study to evaluate safety and efficacy of mepolizumab in patients with moderate persistent asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 1062-71	10.2	567
344	Oral Glucocorticoid-Sparing Effect of Benralizumab in Severe Asthma. <i>New England Journal of Medicine</i> , 2017 , 376, 2448-2458	59.2	522
343	Effect of an interleukin-4 variant on late phase asthmatic response to allergen challenge in asthmatic patients: results of two phase 2a studies. <i>Lancet, The</i> , 2007 , 370, 1422-31	40	496
342	After asthma: redefining airways diseases. <i>Lancet, The</i> , 2018 , 391, 350-400	40	455

341	Interleukin-10 regulation in normal subjects and patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 1996 , 97, 1288-96	11.5	424
340	Distinguishing severe asthma phenotypes: role of age at onset and eosinophilic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 113, 101-8	11.5	402
339	A randomized, double-blind, placebo-controlled study of tumor necrosis factor-alpha blockade in severe persistent asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 549-58	10.2	393
338	Sputum neutrophil counts are associated with more severe asthma phenotypes using cluster analysis. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1557-63.e5	11.5	377
337	Benralizumab, an anti-interleukin 5 receptor β monoclonal antibody, versus placebo for uncontrolled eosinophilic asthma: a phase 2b randomised dose-ranging study. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 879-890	35.1	367
336	The anti-inflammatory effects of omalizumab confirm the central role of IgE in allergic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 115, 459-65	11.5	361
335	Activation of pulmonary mast cells by bronchoalveolar allergen challenge. In vivo release of histamine and tryptase in atopic subjects with and without asthma. <i>The American Review of Respiratory Disease</i> , 1988 , 137, 1002-8		337
334	Heterogeneity of severe asthma in childhood: confirmation by cluster analysis of children in the National Institutes of Health/National Heart, Lung, and Blood Institute Severe Asthma Research Program. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 382-389.e1-13	11.5	326
333	PEBP1 Wardens Ferroptosis by Enabling Lipoxygenase Generation of Lipid Death Signals. <i>Cell</i> , 2017 , 171, 628-641.e26	56.2	321
332	Effects of benralizumab on airway eosinophils in asthmatic patients with sputum eosinophilia. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 1086-1096.e5	11.5	320
331	Blood eosinophil count and prospective annual asthma disease burden: a UK cohort study. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 849-58	35.1	312
330	Elevated levels of leukotriene C4 in bronchoalveolar lavage fluid from atopic asthmatics after endobronchial allergen challenge. <i>The American Review of Respiratory Disease</i> , 1990 , 142, 112-9		290
329	Asthma outcomes: biomarkers. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, S9-23	11.5	280
328	Asthma phenotypes and the use of biologic medications in asthma and allergic disease: the next steps toward personalized care. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 299-310; quiz 311	11.5	260
327	Inflammatory and Comorbid Features of Patients with Severe Asthma and Frequent Exacerbations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 302-313	10.2	255
326	A randomized, controlled, phase 2 study of AMG 317, an IL-4R α antagonist, in patients with asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 788-96	10.2	254
325	Plasma interleukin-6 concentrations, metabolic dysfunction, and asthma severity: a cross-sectional analysis of two cohorts. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 574-584	35.1	247
324	Design and baseline characteristics of the epidemiology and natural history of asthma: Outcomes and Treatment Regimens (TENOR) study: a large cohort of patients with severe or difficult-to-treat asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2004 , 92, 32-9	3.2	244

323	COVID-19-related Genes in Sputum Cells in Asthma. Relationship to Demographic Features and Corticosteroids. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 83-90	10.2	242
322	Obesity and asthma: an association modified by age of asthma onset. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 1486-93.e2	11.5	236
321	Asthma. <i>Nature Reviews Disease Primers</i> , 2015 , 1, 15025	51.1	235
320	Severe asthma: from characteristics to phenotypes to endotypes. <i>Clinical and Experimental Allergy</i> , 2012 , 42, 650-8	4.1	231
319	Airway remodeling measured by multidetector CT is increased in severe asthma and correlates with pathology. <i>Chest</i> , 2008 , 134, 1183-1191	5.3	225
318	Severe asthma in adults. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 149-60	10.2	223
317	Predicting response to omalizumab, an anti-IgE antibody, in patients with allergic asthma. <i>Chest</i> , 2004 , 125, 1378-86	5.3	222
316	Mast cell phenotype, location, and activation in severe asthma. Data from the Severe Asthma Research Program. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 299-309	10.2	218
315	Lung function in adults with stable but severe asthma: air trapping and incomplete reversal of obstruction with bronchodilation. <i>Journal of Applied Physiology</i> , 2008 , 104, 394-403	3.7	218
314	A multivariate analysis of risk factors for the air-trapping asthmatic phenotype as measured by quantitative CT analysis. <i>Chest</i> , 2009 , 135, 48-56	5.3	216
313	Use of exhaled nitric oxide measurement to identify a reactive, at-risk phenotype among patients with asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 1033-41	10.2	215
312	High IFN- γ and low SLPI mark severe asthma in mice and humans. <i>Journal of Clinical Investigation</i> , 2015 , 125, 3037-50	15.9	204
311	Severe asthma: lessons learned from the National Heart, Lung, and Blood Institute Severe Asthma Research Program. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 356-62	10.2	198
310	Unsupervised phenotyping of Severe Asthma Research Program participants using expanded lung data. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1280-8	11.5	193
309	Airway lipoxin A4 generation and lipoxin A4 receptor expression are decreased in severe asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 574-82	10.2	187
308	Severe asthma: lessons from the Severe Asthma Research Program. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 119, 14-21; quiz 22-3	11.5	183
307	Pathophysiology of severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2000 , 106, 1033-42	11.5	183
306	Recent asthma exacerbations: a key predictor of future exacerbations. <i>Respiratory Medicine</i> , 2007 , 101, 481-9	4.6	181

305	Effect of vitamin D3 on asthma treatment failures in adults with symptomatic asthma and lower vitamin D levels: the VIDA randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 311, 2083-91	27.4	179
304	Early infection with respiratory syncytial virus impairs regulatory T cell function and increases susceptibility to allergic asthma. <i>Nature Medicine</i> , 2012 , 18, 1525-30	50.5	176
303	Mucus plugs in patients with asthma linked to eosinophilia and airflow obstruction. <i>Journal of Clinical Investigation</i> , 2018 , 128, 997-1009	15.9	176
302	Spectrum of prostanoid release after bronchoalveolar allergen challenge in atopic asthmatics and in control groups. An alteration in the ratio of bronchoconstrictive to bronchoprotective mediators. <i>The American Review of Respiratory Disease</i> , 1989 , 139, 450-7		169
301	Evolving Concepts of Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 660-80.2	80.2	159
300	Prostaglandin D ₂ pathway upregulation: relation to asthma severity, control, and TH2 inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 1504-12	11.5	159
299	Features of the bronchial bacterial microbiome associated with atopy, asthma, and responsiveness to inhaled corticosteroid treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 63-75	11.5	153
298	Key findings and clinical implications from The Epidemiology and Natural History of Asthma: Outcomes and Treatment Regimens (TENOR) study. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 332-42.e10	11.5	146
297	Pulmonary function abnormalities in HIV-infected patients during the current antiretroviral therapy era. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 790-6	10.2	145
296	Baseline Features of the Severe Asthma Research Program (SARP III) Cohort: Differences with Age. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 545-554.e4	5.4	143
295	Current concepts of severe asthma. <i>Journal of Clinical Investigation</i> , 2016 , 126, 2394-403	15.9	138
294	Long-term safety and efficacy of benralizumab in patients with severe, uncontrolled asthma: 1-year results from the BORA phase 3 extension trial. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 46-59	35.1	138
293	Risk factors associated with persistent airflow limitation in severe or difficult-to-treat asthma: insights from the TENOR study. <i>Chest</i> , 2007 , 132, 1882-9	5.3	137
292	Relationship of small airway chymase-positive mast cells and lung function in severe asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 431-9	10.2	137
291	Subepithelial basement membrane immunoreactivity for matrix metalloproteinase 9: association with asthma severity, neutrophilic inflammation, and wound repair. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 1345-52	11.5	135
290	Correlation of systemic superoxide dismutase deficiency to airflow obstruction in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 306-13	10.2	134
289	Consistently very poorly controlled asthma, as defined by the impairment domain of the Expert Panel Report 3 guidelines, increases risk for future severe asthma exacerbations in The Epidemiology and Natural History of Asthma: Outcomes and Treatment Regimens (TENOR) study. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 124, 895-902.e1-4	11.5	129
288	Gene expression in relation to exhaled nitric oxide identifies novel asthma phenotypes with unique biomolecular pathways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 1363-72	10.2	127

287	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. <i>Nature</i> , 2020 , 586, 763-768	50.4	127
286	Transforming growth factor-beta2 induces bronchial epithelial mucin expression in asthma. <i>American Journal of Pathology</i> , 2004 , 165, 1097-106	5.8	123
285	IL-4 receptor polymorphisms predict reduction in asthma exacerbations during response to an anti-IL-4 receptor antagonist. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 516-22.e4	11.5	117
284	Defective apoptotic cell phagocytosis attenuates prostaglandin E2 and 15-hydroxyeicosatetraenoic acid in severe asthma alveolar macrophages. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 172, 972-9	10.2	115
283	Efficacy and safety of an anti-IL-13 mAb in patients with severe asthma: a randomized trial. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 989-96	11.5	112
282	TGF-beta and IL-13 synergistically increase eotaxin-1 production in human airway fibroblasts. <i>Journal of Immunology</i> , 2002 , 169, 4613-9	5.3	112
281	An association between L-arginine/asymmetric dimethyl arginine balance, obesity, and the age of asthma onset phenotype. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 153-9	10.2	111
280	IL4R alpha mutations are associated with asthma exacerbations and mast cell/IgE expression. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 570-6	10.2	111
279	Neutrophil-derived matrix metalloproteinase-9 is increased in severe asthma and poorly inhibited by glucocorticoids. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 112, 1064-71	11.5	111
278	Genome-wide association studies of asthma indicate opposite immunopathogenesis direction from autoimmune diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 861-8.e7	11.5	109
277	Exhaled nitric oxide identifies the persistent eosinophilic phenotype in severe refractory asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 1249-55	11.5	109
276	Function and regulation of SPLUNC1 protein in Mycoplasma infection and allergic inflammation. <i>Journal of Immunology</i> , 2007 , 179, 3995-4002	5.3	108
275	Increased TGF-beta2 in severe asthma with eosinophilia. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 115, 110-7	11.5	106
274	Importance of hedgehog interacting protein and other lung function genes in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 1457-65	11.5	103
273	Alterations of the arginine metabolome in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 673-81	10.2	101
272	Emerging molecular phenotypes of asthma. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 308, L130-40	5.8	100
271	Neutrophil cytoplasts induce T17 differentiation and skew inflammation toward neutrophilia in severe asthma. <i>Science Immunology</i> , 2018 , 3,	28	95
270	Cell-specific activation profile of extracellular signal-regulated kinase 1/2, Jun N-terminal kinase, and p38 mitogen-activated protein kinases in asthmatic airways. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 893-902.e2	11.5	92

269	The role of cytokines in chronic rhinosinusitis with nasal polyps. <i>Current Opinion in Otolaryngology and Head and Neck Surgery</i> , 2008 , 16, 270-4	2	91
268	15-Lipoxygenase 1 interacts with phosphatidylethanolamine-binding protein to regulate MAPK signaling in human airway epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 14246-51	11.5	90
267	Genome-wide association study identifies TH1 pathway genes associated with lung function in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 313-20.e15	11.5	89
266	Gene Expression Correlated with Severe Asthma Characteristics Reveals Heterogeneous Mechanisms of Severe Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1449-1463	10.2	87
265	Effect of rare variants in ADRB2 on risk of severe exacerbations and symptom control during longacting β_2 agonist treatment in a multiethnic asthma population: a genetic study. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 204-13	35.1	85
264	Efficacy of Omalizumab, an Anti-immunoglobulin E Antibody, in Patients with Allergic Asthma at High Risk of Serious Asthma-related Morbidity and Mortality. <i>Current Medical Research and Opinion</i> , 2001 , 17, 233-240	2.5	85
263	Respiratory outcomes in high-risk children 7 to 10 years after prophylaxis with respiratory syncytial virus immune globulin. <i>American Journal of Medicine</i> , 2002 , 112, 627-33	2.4	85
262	Peripheral blood and airway tissue expression of transforming growth factor beta by neutrophils in asthmatic subjects and normal control subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2000 , 106, 1115-23	11.5	85
261	Refractory airway type 2 inflammation in a large subgroup of asthmatic patients treated with inhaled corticosteroids. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 104-113.e14	11.5	85
260	Complex phenotypes in asthma: current definitions. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013 , 26, 710-5	3.5	84
259	Detrimental effects of environmental tobacco smoke in relation to asthma severity. <i>PLoS ONE</i> , 2011 , 6, e18574	3.7	84
258	Extracellular DNA, Neutrophil Extracellular Traps, and Inflammasome Activation in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1076-1085	10.2	83
257	An airway epithelial iNOS-DUOX2-thyroid peroxidase metabolome drives Th1/Th2 nitrative stress in human severe asthma. <i>Mucosal Immunology</i> , 2014 , 7, 1175-85	9.2	83
256	Development of New Therapies for Severe Asthma. <i>Allergy, Asthma and Immunology Research</i> , 2017 , 9, 3-14	5.3	82
255	Pathobiology of severe asthma. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2015 , 10, 511-45	34	81
254	Zileuton: the first 5-lipoxygenase inhibitor for the treatment of asthma. <i>Annals of Pharmacotherapy</i> , 1996 , 30, 858-64	2.9	81
253	Use of the Asthma Control Questionnaire to predict future risk of asthma exacerbation. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 127, 167-72	11.5	80
252	Lung imaging in asthmatic patients: the picture is clearer. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 467-78	11.5	79

251	Poster 1023: Dupilumab suppresses Th2 inflammation in adult asthma and atopic dermatitis. <i>World Allergy Organization Journal</i> , 2014 , 7, P13	5.2	78
250	Liberty Asthma QUEST: Phase 3 Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate Dupilumab Efficacy/Safety in Patients with Uncontrolled, Moderate-to-Severe Asthma. <i>Advances in Therapy</i> , 2018 , 35, 737-748	4.1	77
249	The complex relationship between inflammation and lung function in severe asthma. <i>Mucosal Immunology</i> , 2014 , 7, 1186-98	9.2	77
248	Interleukin-13-induced MUC5AC is regulated by 15-lipoxygenase 1 pathway in human bronchial epithelial cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 782-90	10.2	77
247	Safety and efficacy of the prostaglandin D2 receptor antagonist AMG 853 in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 339-45	11.5	76
246	Severity assessment in asthma: An evolving concept. <i>Journal of Allergy and Clinical Immunology</i> , 2005 , 116, 990-5	11.5	76
245	Immunoassay of tryptase from human mast cells. <i>Journal of Immunological Methods</i> , 1986 , 86, 139-42	2.5	76
244	Narrative review: the role of Th2 immune pathway modulation in the treatment of severe asthma and its phenotypes. <i>Annals of Internal Medicine</i> , 2010 , 152, 232-7	8	75
243	Epithelial eotaxin-2 and eotaxin-3 expression: relation to asthma severity, luminal eosinophilia and age at onset. <i>Thorax</i> , 2012 , 67, 1061-6	7.3	73
242	The effect of salmeterol on nocturnal symptoms, airway function, and inflammation in asthma. <i>Chest</i> , 1997 , 111, 1249-54	5.3	72
241	The IL6R variation Asp(358)Ala is a potential modifier of lung function in subjects with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 510-5.e1	11.5	71
240	Theophylline: potential antiinflammatory effects in nocturnal asthma. <i>Journal of Allergy and Clinical Immunology</i> , 1996 , 97, 1242-6	11.5	71
239	Obstructive Sleep Apnea Risk, Asthma Burden, and Lower Airway Inflammation in Adults in the Severe Asthma Research Program (SARP) II. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2015 , 3, 566-75.e1	5.4	70
238	Regional fibroblast heterogeneity in the lung: implications for remodeling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 1208-15	10.2	70
237	American Thoracic Society/National Heart, Lung, and Blood Institute Asthma-Chronic Obstructive Pulmonary Disease Overlap Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 375-381	10.2	69
236	Gender differences in IgE-mediated allergic asthma in the epidemiology and natural history of asthma: Outcomes and Treatment Regimens (TENOR) study. <i>Journal of Asthma</i> , 2006 , 43, 179-84	1.9	69
235	Effects of Age and Disease Severity on Systemic Corticosteroid Responses in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1439-1448	10.2	68
234	Sleep quality and asthma control and quality of life in non-severe and severe asthma. <i>Sleep and Breathing</i> , 2012 , 16, 1129-37	3.1	65

233	Concurrent use of salmeterol with inhaled corticosteroids is more effective than inhaled corticosteroid dose increases. <i>Allergy and Asthma Proceedings</i> , 1999 , 20, 173-80	2.6	65
232	Mometasone or Tiotropium in Mild Asthma with a Low Sputum Eosinophil Level. <i>New England Journal of Medicine</i> , 2019 , 380, 2009-2019	59.2	64
231	Interleukin-15 inhibits spontaneous apoptosis in human eosinophils via autocrine production of granulocyte macrophage-colony stimulating factor and nuclear factor-kappaB activation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 26, 404-12	5.7	64
230	Increased T-cell receptor vbeta8+ T cells in bronchoalveolar lavage fluid of subjects with poorly controlled asthma: a potential role for microbial superantigens. <i>Journal of Allergy and Clinical Immunology</i> , 1999 , 104, 37-45	11.5	64
229	Asthma Is More Severe in Older Adults. <i>PLoS ONE</i> , 2015 , 10, e0133490	3.7	64
228	Asthma in older adults: observations from the epidemiology and natural history of asthma: outcomes and treatment regimens (TENOR) study. <i>Annals of Allergy, Asthma and Immunology</i> , 2006 , 96, 406-14	3.2	63
227	eQTL of bronchial epithelial cells and bronchial alveolar lavage deciphers GWAS-identified asthma genes. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 1309-18	9.3	62
226	The role of leukotrienes in asthma. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2003 , 69, 145-55.8		61
225	Dupilumab Efficacy in Patients with Uncontrolled, Moderate-to-Severe Allergic Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 516-526	5.4	61
224	Quantitative computed tomographic imaging-based clustering differentiates asthmatic subgroups with distinctive clinical phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 690-700.e8	11.5	59
223	Registration-based assessment of regional lung function via volumetric CT images of normal subjects vs. severe asthmatics. <i>Journal of Applied Physiology</i> , 2013 , 115, 730-42	3.7	58
222	Characteristics of perimenstrual asthma and its relation to asthma severity and control: data from the Severe Asthma Research Program. <i>Chest</i> , 2013 , 143, 984-992	5.3	58
221	Urinary leukotriene E4 in patients with asthma. Effect of airways reactivity and sodium cromoglycate. <i>The American Review of Respiratory Disease</i> , 1991 , 143, 1322-8		58
220	Expression of SARS-CoV-2 receptor ACE2 and coincident host response signature varies by asthma inflammatory phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 315-324.e7	11.5	57
219	IgE expression pattern in lung: relation to systemic IgE and asthma phenotypes. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 119, 855-62	11.5	57
218	Severe asthma in humans and mouse model suggests a CXCL10 signature underlies corticosteroid-resistant Th1 bias. <i>JCI Insight</i> , 2017 , 2,	9.9	57
217	Determinants of exhaled breath condensate pH in a large population with asthma. <i>Chest</i> , 2011 , 139, 328-336	5.3	56
216	Selective downregulation of prostaglandin E2-related pathways by the Th2 cytokine IL-13. <i>Journal of Allergy and Clinical Immunology</i> , 2006 , 117, 1446-54	11.5	56

215	Multiview Cluster Analysis Identifies Variable Corticosteroid Response Phenotypes in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1358-1367	10.2	55
214	Intersection of biology and therapeutics: type 2 targeted therapeutics for adult asthma. <i>Lancet, The</i> , 2020 , 395, 371-383	4.0	55
213	Asthma diagnosis and airway bronchodilator response in HIV-infected patients. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 129, 708-714.e8	11.5	55
212	Effects of endogenous sex hormones on lung function and symptom control in adolescents with asthma. <i>BMC Pulmonary Medicine</i> , 2018 , 18, 58	3.5	54
211	Noninvasive markers of airway inflammation in asthma. <i>Clinical and Translational Science</i> , 2009 , 2, 112-7	4.9	54
210	ACE2, TMPRSS2, and furin gene expression in the airways of people with asthma-implications for COVID-19. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 208-211	11.5	54
209	Improvements in distal lung function correlate with asthma symptoms after treatment with oral montelukast. <i>Chest</i> , 2006 , 130, 1726-32	5.3	53
208	Natural killer cell-mediated inflammation resolution is disabled in severe asthma. <i>Science Immunology</i> , 2017 , 2,	2.8	52
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