Sally E Wenzel

List of Publications by Year
in descending order

379 papers	50,350 citations	1883 102 h-index	1668 214 g-index
393 all docs	393 docs citations	393 times ranked	27129 citing authors

#	Article	IF	Citations
1	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. European Respiratory Journal, 2014, 43, 343-373.	3.1	2,898
2	Asthma phenotypes: the evolution from clinical to molecular approaches. Nature Medicine, 2012, 18, 716-725.	15.2	1,926
3	Identification of Asthma Phenotypes Using Cluster Analysis in the Severe Asthma Research Program. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 315-323.	2.5	1,820
4	An Official American Thoracic Society/European Respiratory Society Statement: Asthma Control and Exacerbations. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 59-99.	2.5	1,591
5	Oral Glucocorticoid-Sparing Effect of Mepolizumab in Eosinophilic Asthma. New England Journal of Medicine, 2014, 371, 1189-1197.	13.9	1,331
6	Dupilumab Efficacy and Safety in Moderate-to-Severe Uncontrolled Asthma. New England Journal of Medicine, 2018, 378, 2486-2496.	13.9	1,253
7	Dupilumab in Persistent Asthma with Elevated Eosinophil Levels. New England Journal of Medicine, 2013, 368, 2455-2466.	13.9	1,139
8	Asthma endotypes: AÂnew approach to classification of disease entities within the asthma syndrome. Journal of Allergy and Clinical Immunology, 2011, 127, 355-360.	1.5	1,007
9	Asthma: defining of the persistent adult phenotypes. Lancet, The, 2006, 368, 804-813.	6.3	892
10	Characterization of the severe asthma phenotype by the National Heart, Lung, and Blood Institute's Severe Asthma Research Program. Journal of Allergy and Clinical Immunology, 2007, 119, 405-413.	1.5	838
11	Oral Glucocorticoidâ€"Sparing Effect of Benralizumab in Severe Asthma. New England Journal of Medicine, 2017, 376, 2448-2458.	13.9	779
12	Exploring the Effects of Omalizumab in Allergic Asthma. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 804-811.	2.5	772
13	Dupilumab efficacy and safety in adults with uncontrolled persistent asthma despite use of medium-to-high-dose inhaled corticosteroids plus a long-acting Î²2 agonist: a randomised double-blind placebo-controlled pivotal phase 2b dose-ranging trial. Lancet, The, 2016, 388, 31-44.	6.3	760
14	After asthma: redefining airways diseases. Lancet, The, 2018, 391, 350-400.	6.3	744
15	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. Nature Genetics, 2011, 43, 887-892.	9.4	736
16	A Study to Evaluate Safety and Efficacy of Mepolizumab in Patients with Moderate Persistent Asthma. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 1062-1071.	2.5	672
17	PEBP1 Wardens Ferroptosis by Enabling Lipoxygenase Generation of Lipid Death Signals. Cell, 2017, 171, 628-641.e26.	13.5	589
18	Effect of an interleukin-4 variant on late phase asthmatic response to allergen challenge in asthmatic patients: results of two phase 2a studies. Lancet, The, 2007, 370, 1422-1431.	6.3	554

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19	Distinguishing severe asthma phenotypesâ˜†Role of age at onset and eosinophilic inflammation. Journal of Allergy and Clinical Immunology, 2004, 113, 101-108.	1.5	501
20	Sputum neutrophil counts are associated with more severe asthma phenotypes using cluster analysis. Journal of Allergy and Clinical Immunology, 2014, 133, 1557-1563.e5.	1.5	488
21	Interleukin-10 regulation in normal subjects and patients with asthma. Journal of Allergy and Clinical Immunology, 1996, 97, 1288-1296.	1.5	455
22	A Randomized, Double-blind, Placebo-controlled Study of Tumor Necrosis Factor-Î± Blockade in Severe Persistent Asthma. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 549-558.	2.5	444
23	Blood eosinophil count and prospective annual asthma disease burden: a UK cohort study. Lancet Respiratory Medicine,the, 2015, 3, 849-858.	5.2	443
24	Benralizumab, an anti-interleukin 5 receptor Î± monoclonal antibody, versus placebo for uncontrolled eosinophilic asthma: a phase 2b randomised dose-ranging study. Lancet Respiratory Medicine,the, 2014, 2, 879-890.	5.2	435
25	The anti-inflammatory effects of omalizumab confirm the central role of IgE in allergic inflammation. Journal of Allergy and Clinical Immunology, 2005, 115, 459-465.	1.5	425
26	Effects of benralizumab on airway eosinophils in asthmatic patients with sputum eosinophilia. Journal of Allergy and Clinical Immunology, 2013, 132, 1086-1096.e5.	1.5	422
27	Asthma. Nature Reviews Disease Primers, 2015, 1, 15025.	18.1	413
28	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. Journal of Allergy and Clinical Immunology, 2011, 127, 382-389.e13.	1.5	392
29	Inherited causes of clonal haematopoiesis in 97,691 whole genomes. Nature, 2020, 586, 763-768.	13.7	376
30	Plasma interleukin-6 concentrations, metabolic dysfunction, and asthma severity: a cross-sectional analysis of two cohorts. Lancet Respiratory Medicine,the, 2016, 4, 574-584.	5.2	375
31	COVID-19â€"related Genes in Sputum Cells in Asthma. Relationship to Demographic Features and Corticosteroids. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 83-90.	2.5	370
32	Activation of Pulmonary Mast Cells by Bronchoalveolar Allergen Challenge:<i>In Vivo</i>Release of Histamine and Tryptase in Atopic Subjects with and without Asthma. The American Review of Respiratory Disease, 1988, 137, 1002-1008.	2.9	366
33	Inflammatory and Comorbid Features of Patients with Severe Asthma and Frequent Exacerbations. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 302-313.	2.5	346
34	Mucus plugs in patients with asthma linked to eosinophilia and airflow obstruction. Journal of Clinical Investigation, 2018, 128, 997-1009.	3.9	337
35	Asthma outcomes: Biomarkers. Journal of Allergy and Clinical Immunology, 2012, 129, S9-S23.	1.5	334
36	Obesity and asthma: An association modified by age of asthma onset. Journal of Allergy and Clinical Immunology, 2011, 127, 1486-1493.e2.	1.5	330

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37	Elevated Levels of Leukotriene C₄in Bronchoalveolar Lavage Fluid from Atopic Asthmatics after Endobronchial Allergen Challenge. The American Review of Respiratory Disease, 1990, 142, 112-119.	2.9	316
38	Asthma phenotypes and the use of biologic medications in asthma and allergic disease: The next steps toward personalized care. Journal of Allergy and Clinical Immunology, 2015, 135, 299-310.	1.5	305
39	High IFN-Î³ and low SLPI mark severe asthma in mice and humans. Journal of Clinical Investigation, 2015, 125, 3037-3050.	3.9	300
40	Severe asthma: from characteristics to phenotypes to endotypes. Clinical and Experimental Allergy, 2012, 42, 650-658.	1.4	287
41	A Randomized, Controlled, Phase 2 Study of AMG 317, an IL-4RÎ± Antagonist, in Patients with Asthma. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 788-796.	2.5	282
42	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. Annals of Allergy, Asthma and Immunology, 2004, 92, 32-39.	0.5	276
43	Lung function in adults with stable but severe asthma: air trapping and incomplete reversal of obstruction with bronchodilation. Journal of Applied Physiology, 2008, 104, 394-403.	1.2	270
44	Severe Asthma in Adults. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 149-160.	2.5	267
45	Mast Cell Phenotype, Location, and Activation in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 299-309.	2.5	265
46	Predicting Response to Omalizumab, an Anti-IgE Antibody, in Patients With Allergic Asthma. Chest, 2004, 125, 1378-1386.	0.4	261
47	Airway Remodeling Measured by Multidetector CT Is Increased in Severe Asthma and Correlates With Pathology. Chest, 2008, 134, 1183-1191.	0.4	260
48	A Multivariate Analysis of Risk Factors for the Air-Trapping Asthmatic Phenotype as Measured by Quantitative CT Analysis. Chest, 2009, 135, 48-56.	0.4	260
49	Use of Exhaled Nitric Oxide Measurement to Identify a Reactive, at-Risk Phenotype among Patients with Asthma. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 1033-1041.	2.5	252
50	Unsupervised phenotyping of Severe Asthma Research Program participants using expanded lung data. Journal of Allergy and Clinical Immunology, 2014, 133, 1280-1288.	1.5	247
51	Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 356-362.	2.5	242
52	Effect of Vitamin D₃on Asthma Treatment Failures in Adults With Symptomatic Asthma and Lower Vitamin D Levels. JAMA - Journal of the American Medical Association, 2014, 311, 2083.	3.8	236
53	Recent asthma exacerbations: A key predictor of future exacerbations. Respiratory Medicine, 2007, 101, 481-489.	1.3	225
54	Features of the bronchial bacterial microbiome associated with atopy, asthma, and responsiveness to inhaled corticosteroid treatment. Journal of Allergy and Clinical Immunology, 2017, 140, 63-75.	1.5	222

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55	Long-term safety and efficacy of benralizumab in patients with severe, uncontrolled asthma: 1-year results from the BORA phase 3 extension trial. Lancet Respiratory Medicine,the, 2019, 7, 46-59.	5.2	216
56	Airway Lipoxin A₄Generation and Lipoxin A₄Receptor Expression Are Decreased in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 574-582.	2.5	215
57	Evolving Concepts of Asthma. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 660-668.	2.5	214
58	Baseline Features of the Severe Asthma Research Program (SARP III) Cohort: Differences with Age. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 545-554.e4.	2.0	210
59	Severe asthma: Lessons from the Severe Asthma Research Program. Journal of Allergy and Clinical Immunology, 2007, 119, 14-21.	1.5	209
60	Early infection with respiratory syncytial virus impairs regulatory T cell function and increases susceptibility to allergic asthma. Nature Medicine, 2012, 18, 1525-1530.	15.2	206
61	Pathophysiology of severe asthma. Journal of Allergy and Clinical Immunology, 2000, 106, 1033-1042.	1.5	204
62	Prostaglandin D2 pathway upregulation: Relation to asthma severity, control, and TH2 inflammation. Journal of Allergy and Clinical Immunology, 2013, 131, 1504-1512.e12.	1.5	191
63	Current concepts of severe asthma. Journal of Clinical Investigation, 2016, 126, 2394-2403.	3.9	188
64	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. The American Review of Respiratory Disease, 1989, 139, 450-457.	2.9	187
65	Pulmonary Function Abnormalities in HIV-Infected Patients during the Current Antiretroviral Therapy Era. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 790-796.	2.5	184
66	Key findings and clinical implications from The Epidemiology and Natural History of Asthma: Outcomes and Treatment Regimens (TENOR) study. Journal of Allergy and Clinical Immunology, 2012, 130, 332-342.e10.	1.5	176
67	Relationship of Small Airway Chymase-Positive Mast Cells and Lung Function in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 431-439.	2.5	165
68	Risk Factors Associated With Persistent Airflow Limitation in Severe or Difficult-to-Treat Asthma. Chest, 2007, 132, 1882-1889.	0.4	165
69	Extracellular DNA, Neutrophil Extracellular Traps, and Inflammasome Activation in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1076-1085.	2.5	165
70	Gene Expression in Relation to Exhaled Nitric Oxide Identifies Novel Asthma Phenotypes with Unique Biomolecular Pathways. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1363-1372.	2.5	162
71	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. Journal of Allergy and Clinical Immunology, 2009, 124, 895-902.e4.	1.5	160
72	Neutrophil cytoplasts induce T _H 17 differentiation and skew inflammation toward neutrophilia in severe asthma. Science Immunology, 2018, 3, .	5.6	157

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73	Correlation of Systemic Superoxide Dismutase Deficiency to Airflow Obstruction in Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 306-313.	2.5	148
74	Subepithelial basement membrane immunoreactivity for matrix metalloproteinase 9: Association with asthma severity, neutrophilic inflammation, and wound repair. Journal of Allergy and Clinical Immunology, 2003, 111, 1345-1352.	1.5	147
75	IL-4 receptor polymorphisms predict reduction in asthma exacerbations during response to an antiâ€“IL-4 receptor Î± antagonist. Journal of Allergy and Clinical Immunology, 2012, 130, 516-522.e4.	1.5	142
76	An Association between <scp>l</scp>-Arginine/Asymmetric Dimethyl Arginine Balance, Obesity, and the Age of Asthma Onset Phenotype. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 153-159.	2.5	141
77	Effect of tezepelumab on airway inflammatory cells, remodelling, and hyperresponsiveness in patients with moderate-to-severe uncontrolled asthma (CASCADE): a double-blind, randomised, placebo-controlled, phase 2 trial. Lancet Respiratory Medicine,the, 2021, 9, 1299-1312.	5.2	139
78	Neutrophil-derived matrix metalloproteinase-9 is increased in severe asthma and poorly inhibited by glucocorticoids. Journal of Allergy and Clinical Immunology, 2003, 112, 1064-1071.	1.5	138
79	Transforming Growth Factor-Î²2 Induces Bronchial Epithelial Mucin Expression in Asthma. American Journal of Pathology, 2004, 165, 1097-1106.	1.9	137
80	Refractory airway type 2 inflammation in a large subgroup of asthmatic patients treated with inhaled corticosteroids. Journal of Allergy and Clinical Immunology, 2019, 143, 104-113.e14.	1.5	135
81	IL4RÎ±Mutations Are Associated with Asthma Exacerbations and Mast Cell/IgE Expression. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 570-576.	2.5	133
82	Efficacy and safety of an antiâ€“IL-13 mAb in patients with severe asthma: AÂrandomized trial. Journal of Allergy and Clinical Immunology, 2014, 133, 989-996.e4.	1.5	133
83	The Mouse Trap. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 1173-1176.	2.5	132
84	Defective Apoptotic Cell Phagocytosis Attenuates Prostaglandin E2and 15-Hydroxyeicosatetraenoic Acid in Severe Asthma Alveolar Macrophages. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 972-979.	2.5	131
85	Genome-wide association studies of asthma indicate opposite immunopathogenesis direction from autoimmune diseases. Journal of Allergy and Clinical Immunology, 2012, 130, 861-868.e7.	1.5	130
86	Gene Expression Correlated with Severe Asthma Characteristics Reveals Heterogeneous Mechanisms of Severe Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1449-1463.	2.5	130
87	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. Advances in Therapy, 2018, 35, 737-748.	1.3	129
88	Exhaled nitric oxide identifies the persistent eosinophilic phenotype in severe refractory asthma. Journal of Allergy and Clinical Immunology, 2005, 116, 1249-1255.	1.5	127
89	TGF-Î² and IL-13 Synergistically Increase Eotaxin-1 Production in Human Airway Fibroblasts. Journal of Immunology, 2002, 169, 4613-4619.	0.4	125
90	Increased TGF-Î²2 in severe asthma with eosinophilia. Journal of Allergy and Clinical Immunology, 2005, 115, 110-117.	1.5	125

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91	Dupilumab Efficacy in Patients with Uncontrolled, Moderate-to-Severe Allergic Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 516-526.	2.0	123
92	Function and Regulation of SPLUNC1 Protein in Mycoplasma Infection and Allergic Inflammation. Journal of Immunology, 2007, 179, 3995-4002.	0.4	120
93	15-Lipoxygenase 1 interacts with phosphatidylethanolamine-binding protein to regulate MAPK signaling in human airway epithelial cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14246-14251.	3.3	117
94	Alterations of the Arginine Metabolome in Asthma. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 673-681.	2.5	116
95	Emerging molecular phenotypes of asthma. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L130-L140.	1.3	116
96	Cell-specific activation profile of extracellular signal-regulated kinase 1/2, Jun N-terminal kinase, and p38 mitogen-activated protein kinases in asthmatic airways. Journal of Allergy and Clinical Immunology, 2008, 121, 893-902.e2.	1.5	115
97	Importance of hedgehog interacting protein and other lung function genes in asthma. Journal of Allergy and Clinical Immunology, 2011, 127, 1457-1465.	1.5	115
98	Obstructive Sleep Apnea Risk, Asthma Burden, and Lower Airway Inflammation in Adults in the Severe Asthma Research Program (SARP) II. Journal of Allergy and Clinical Immunology: in Practice, 2015, 3, 566-575.e1.	2.0	107
99	Evidence for Exacerbation-Prone Asthma and Predictive Biomarkers of Exacerbation Frequency. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 973-982.	2.5	105
100	Efficacy of Omalizumab, an Anti-immunoglobulin E Antibody, in Patients with Allergic Asthma at High Risk of Serious Asthma-related Morbidity and Mortality. Current Medical Research and Opinion, 2001, 17, 233-240.	0.9	103
101	Respiratory outcomes in high-risk children 7 to 10 years after prophylaxis with respiratory syncytial virus immune globulin. American Journal of Medicine, 2002, 112, 627-633.	0.6	103
102	Complex phenotypes in asthma: Current definitions. Pulmonary Pharmacology and Therapeutics, 2013, 26, 710-715.	1.1	102
103	Intersection of biology and therapeutics: type 2 targeted therapeutics for adult asthma. Lancet, The, 2020, 395, 371-383.	6.3	102
104	Onset of effect and impact on health-related quality of life, exacerbation rate, lung function, and nasal polyposis symptoms for patients with severe eosinophilic asthma treated with benralizumab (ANDHI): a randomised, controlled, phase 3b trial. Lancet Respiratory Medicine,the, 2021, 9, 260-274.	5.2	102
105	The role of cytokines in chronic rhinosinusitis with nasal polyps. Current Opinion in Otolaryngology and Head and Neck Surgery, 2008, 16, 270-274.	0.8	101
106	An airway epithelial iNOSâ€"DUOX2â€"thyroid peroxidase metabolome drives Th1/Th2 nitrative stress in human severe asthma. Mucosal Immunology, 2014, 7, 1175-1185.	2.7	101
107	Peripheral blood and airway tissue expression of transforming growth factor Î² by neutrophils in asthmatic subjects and normal control subjects. Journal of Allergy and Clinical Immunology, 2000, 106, 1115-1123.	1.5	100
108	Effect of rare variants in ADRB2 on risk of severe exacerbations and symptom control during longacting Î² agonist treatment in a multiethnic asthma population: a genetic study. Lancet Respiratory Medicine,the, 2014, 2, 204-213.	5.2	100

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109	Pathobiology of Severe Asthma. Annual Review of Pathology: Mechanisms of Disease, 2015, 10, 511-545.	9.6	100
110	Genome-wide association study identifies TH1 pathway genes associated with lung function in asthmatic patients. Journal of Allergy and Clinical Immunology, 2013, 132, 313-320.e15.	1.5	98
111	Development of New Therapies for Severe Asthma. Allergy, Asthma and Immunology Research, 2017, 9, 3.	1.1	97
112	Use of the Asthma Control Questionnaire to predict future risk of asthma exacerbation. Journal of Allergy and Clinical Immunology, 2011, 127, 167-172.	1.5	96
113	The complex relationship between inflammation and lung function in severe asthma. Mucosal Immunology, 2014, 7, 1186-1198.	2.7	96
114	Detrimental Effects of Environmental Tobacco Smoke in Relation to Asthma Severity. PLoS ONE, 2011, 6, e18574.	1.1	96
115	Mometasone or Tiotropium in Mild Asthma with a Low Sputum Eosinophil Level. New England Journal of Medicine, 2019, 380, 2009-2019.	13.9	95
116	Lung imaging in asthmatic patients: The picture is clearer. Journal of Allergy and Clinical Immunology, 2011, 128, 467-478.	1.5	94
117	Zileuton: The First 5-Lipoxygenase Inhibitor for the Treatment of Asthma. Annals of Pharmacotherapy, 1996, 30, 858-864.	0.9	93
118	Interleukin-13â€“induced MUC5AC Is Regulated by 15-Lipoxygenase 1 Pathway in Human Bronchial Epithelial Cells. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 782-790.	2.5	93
119	Multiview Cluster Analysis Identifies Variable Corticosteroid Response Phenotypes in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1358-1367.	2.5	91
120	Expression of SARS-CoV-2 receptor ACE2 and coincident host response signature varies by asthma inflammatory phenotype. Journal of Allergy and Clinical Immunology, 2020, 146, 315-324.e7.	1.5	90
121	Narrative Review: The Role of Th2 Immune Pathway Modulation in the Treatment of Severe Asthma and Its Phenotypes. Annals of Internal Medicine, 2010, 152, 232.	2.0	89
122	Sleep quality and asthma control and quality of life in non-severe and severe asthma. Sleep and Breathing, 2012, 16, 1129-1137.	0.9	89
123	Epithelial eotaxin-2 and eotaxin-3 expression: relation to asthma severity, luminal eosinophilia and age at onset. Thorax, 2012, 67, 1061-1066.	2.7	88
124	Effects of Age and Disease Severity on Systemic Corticosteroid Responses in Asthma. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1439-1448.	2.5	87
125	Prognostic and Predictive Value of Blood Eosinophil Count, Fractional Exhaled Nitric Oxide, and Their Combination in Severe Asthma: A <i>Post Hoc</i> Analysis. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1308-1312.	2.5	87
126	American Thoracic Society/National Heart, Lung, and Blood Institute Asthmaâ€“Chronic Obstructive Pulmonary Disease Overlap Workshop Report. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 375-381.	2.5	86

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127	Severe asthma in humans and mouse model suggests a CXCL10 signature underlies corticosteroid-resistant Th1 bias. JCI Insight, 2017, 2, .	2.3	86
128	Severity assessment in asthma: An evolving concept. Journal of Allergy and Clinical Immunology, 2005, 116, 990-995.	1.5	85
129	Theophylline: Potential antiinflammatory effects in nocturnal asthma. Journal of Allergy and Clinical Immunology, 1996, 97, 1242-1246.	1.5	84
130	Future Research Directions in Asthma. An NHLBI Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 1366-1372.	2.5	84
131	Immunoassay of tryptase from human mast cells. Journal of Immunological Methods, 1986, 86, 139-142.	0.6	83
132	The IL6R variation Asp358Ala is a potential modifier of lung function in subjects with asthma. Journal of Allergy and Clinical Immunology, 2012, 130, 510-515.e1.	1.5	82
133	Safety and efficacy of the prostaglandin D2 receptor antagonist AMG 853 in asthmatic patients. Journal of Allergy and Clinical Immunology, 2013, 131, 339-345.	1.5	82
134	<scp>eQTL</scp> of bronchial epithelial cells and bronchial alveolar lavage deciphers <scp>GWAS</scp>â€identified asthma genes. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1309-1318.	2.7	82
135	Gender Differences in IgE-Mediated Allergic Asthma in the Epidemiology and Natural History of Asthma: Outcomes and Treatment Regimens (TENOR) Study. Journal of Asthma, 2006, 43, 179-184.	0.9	80
136	Asthma Is More Severe in Older Adults. PLoS ONE, 2015, 10, e0133490.	1.1	80
137	Quantitative computed tomographic imagingâ€“based clustering differentiates asthmatic subgroups with distinctive clinical phenotypes. Journal of Allergy and Clinical Immunology, 2017, 140, 690-700.e8.	1.5	79
138	The Effect of Salmeterol on Nocturnal Symptoms, Airway Function, and Inflammation in Asthma. Chest, 1997, 111, 1249-1254.	0.4	78
139	Characteristics of Perimenstrual Asthma and Its Relation to Asthma Severity and Control. Chest, 2013, 143, 984-992.	0.4	78
140	The role of leukotrienes in asthma. Prostaglandins Leukotrienes and Essential Fatty Acids, 2003, 69, 145-155.	1.0	77
141	Registration-based assessment of regional lung function via volumetric CT images of normal subjects vs. severe asthmatics. Journal of Applied Physiology, 2013, 115, 730-742.	1.2	77
142	ACE2, TMPRSS2, and furin gene expression in the airways of people with asthmaâ€"implications for COVID-19. Journal of Allergy and Clinical Immunology, 2020, 146, 208-211.	1.5	77
143	Natural killer cellâ€“mediated inflammation resolution is disabled in severe asthma. Science Immunology, 2017, 2, .	5.6	76
144	Regional Fibroblast Heterogeneity in the Lung. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 1208-1215.	2.5	74

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145	Effects of endogenous sex hormones on lung function and symptom control in adolescents with asthma. BMC Pulmonary Medicine, 2018, 18, 58.	0.8	74
146	Defining a Severe Asthma Super-Responder: Findings from a Delphi Process. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3997-4004.	2.0	74
147	Asthma in older adults: observations from the Epidemiology and Natural History of Asthma: Outcomes and Treatment Regimens (TENOR) study. Annals of Allergy, Asthma and Immunology, 2006, 96, 406-414.	0.5	73
148	Severe Adult Asthmas: Integrating Clinical Features, Biology, and Therapeutics to Improve Outcomes. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 809-821.	2.5	72
149	Concurrent Use of Salmeterol with Inhaled Corticosteroids is More Effective than Inhaled Corticosteroid Dose Increases. Allergy and Asthma Proceedings, 1999, 20, 173-180.	1.0	71
150	Interleukin-15 Inhibits Spontaneous Apoptosis in Human Eosinophils via Autocrine Production of Granulocyte Macrophageâ€"Colony Stimulating Factor and Nuclear Factor- Îº B Activation. American Journal of Respiratory Cell and Molecular Biology, 2002, 26, 404-412.	1.4	71
151	Eosinophils in Asthma â€" Closing the Loop or Opening the Door?. New England Journal of Medicine, 2009, 360, 1026-1028.	13.9	71
152	Increased T-cell receptor VÎ²8+ T cells in bronchoalveolar lavage fluid of subjects with poorly controlled asthma: A potential role for microbial superantigensâ˜†â˜†â˜†â˜…. Journal of Allergy and Clinical Immunology, 1999, 104, 37-45.	1.5	70
153	Improvements in Distal Lung Function Correlate With Asthma Symptoms After Treatment With Oral Montelukast. Chest, 2006, 130, 1726-1732.	0.4	70
154	Effectiveness of fevipiprant in reducing exacerbations in patients with severe asthma (LUSTER-1 and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.2	70
155	Baseline FeNO as a prognostic biomarker for subsequent severe asthma exacerbations in patients with uncontrolled, moderate-to-severe asthma receiving placebo in the LIBERTY ASTHMA QUEST study: a post-hoc analysis. Lancet Respiratory Medicine,the, 2021, 9, 1165-1173.	5.2	70
156	Quantitative assessment of multiscale structural and functional alterations in asthmatic populations. Journal of Applied Physiology, 2015, 118, 1286-1298.	1.2	67
157	Urinary Leukotriene E4in Patients with Asthma: Effect of Airways Reactivity and Sodium Cromoglycate. The American Review of Respiratory Disease, 1991, 143, 1322-1328.	2.9	66
158	Automated quantification of COVID-19 severity and progression using chest CT images. European Radiology, 2021, 31, 436-446.	2.3	66
159	Safety of investigative bronchoscopy in the Severe Asthma Research Program. Journal of Allergy and Clinical Immunology, 2011, 128, 328-336.e3.	1.5	65
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