

Mario Castro

List of Publications by Year in Descending Order

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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.

176
papers

14,392
citations

52
h-index

119
g-index

196
ext. papers

17,802
ext. citations

8.8
avg, IF

6.04
L-index

#	Paper	IF	Citations
176	Reply: Occupational Exposures in Rheumatoid Arthritis-Related Airway Disease: A Missing Link?. <i>Annals of the American Thoracic Society</i> , 2022 ,	4.7	
175	DNA Sequencing Analysis of Cystic Fibrosis Transmembrane Regulator Gene Identifies Cystic Fibrosis-Associated Variants in the Severe Asthma Research Program.. <i>Pediatric Pulmonology</i> , 2022 ,	3.5	0
174	Quantitative CT Characteristics of Cluster Phenotypes in the Severe Asthma Research Program Cohorts.. <i>Radiology</i> , 2022 , 210363	20.5	0
173	Dupilumab efficacy and safety in patients with asthma and blood eosinophils ≥ 500 cells/ μ L.. <i>European Respiratory Journal</i> , 2022 ,	13.6	0
172	Pharmacogenetic studies of long-acting beta agonist and inhaled corticosteroid responsiveness in randomised controlled trials of individuals of African descent with asthma. <i>The Lancet Child and Adolescent Health</i> , 2021 , 5, 862-872	14.5	2
171	Bronchial Thermoplasty. <i>Respiratory Medicine</i> , 2021 , 477-485	0.2	
170	The Precision Interventions for Severe and/or Exacerbation-Prone (PrecISE) Asthma Network: an overview of Network organization, procedures and interventions. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	3
169	Geography, generalisability, and susceptibility in clinical trials. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 330-332	35.1	3
168	Mixed Sputum Granulocyte Longitudinal Impact on Lung Function in the Severe Asthma Research Program. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 882-892	10.2	12
167	Hospital Collaboration in Response to the COVID-19 Pandemic in Kansas City Metropolitan Region. <i>Kansas Journal of Medicine</i> , 2021 , 14, 108-110	0.6	1
166	Genetic and non-genetic factors affecting the expression of COVID-19-relevant genes in the large airway epithelium. <i>Genome Medicine</i> , 2021 , 13, 66	14.4	6
165	Efficacy and safety of fevipiprant in patients with uncontrolled asthma: Two replicate, phase 3, randomised, double-blind, placebo-controlled trials (ZEAL-1 and ZEAL-2). <i>EClinicalMedicine</i> , 2021 , 35, 100847	11.3	5
164	PrecISE: Precision Medicine in Severe Asthma: An adaptive platform trial with biomarker ascertainment. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 1594-1601	11.5	10
163	The azithromycin to prevent wheezing following severe RSV bronchiolitis-II clinical trial: Rationale, study design, methods, and characteristics of study population. <i>Contemporary Clinical Trials Communications</i> , 2021 , 22, 100798	1.8	1
162	Prevention and Treatment of Asthma Exacerbations in Adults. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 2578-2586	5.4	0
161	Targeted Molecular Therapies in Allergy and Rhinology. <i>Otolaryngology - Head and Neck Surgery</i> , 2021 , 164, S1-S21	5.5	5
160	Genetic analyses identify GSDMB associated with asthma severity, exacerbations, and antiviral pathways. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 894-909	11.5	15

159	Type 2 inflammation in the sputum of adolescents with asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2021 , 126, 297-299	3.2	
158	Lung function trajectories and bronchial hyperresponsiveness during childhood following severe RSV bronchiolitis in infancy. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 457-464	4.2	5
157	An Open Label Trial to Assess Safety of Losartan for Treating Worsening Respiratory Illness in COVID-19. <i>Frontiers in Medicine</i> , 2021 , 8, 630209	4.9	6
156	Understanding the key issues in the treatment of uncontrolled persistent asthma with type 2 inflammation. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	19
155	Impact of baseline patient characteristics on dupilumab efficacy in type 2 asthma. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	2
154	Effect of exacerbation history on clinical response to dupilumab in moderate-to-severe uncontrolled asthma. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	1
153	Benefits of Airway Androgen Receptor Expression in Human Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 285-293	10.2	10
152	Overview of Interventional Pulmonology for Radiologists. <i>Radiographics</i> , 2021 , 41, 1916-1935	5.4	1
151	Quantitative CT metrics are associated with longitudinal lung function decline and future asthma exacerbations: Results from SARP-3. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 752-762	11.5	7
150	Protocols for multi-site trials using hyperpolarized Xe MRI for imaging of ventilation, alveolar-air-space size, and gas exchange: A position paper from the Xe MRI clinical trials consortium. <i>Magnetic Resonance in Medicine</i> , 2021 , 86, 2966-2986	4.4	5
149	Long-term safety and efficacy of dupilumab in patients with moderate-to-severe asthma (TRAVERSE): an open-label extension study. <i>Lancet Respiratory Medicine</i> , 2021 ,	35.1	18
148	A Focused Review: Airways Disease in Rheumatoid Arthritis.. <i>Annals of the American Thoracic Society</i> , 2021 ,	4.7	2
147	Evidence for Exacerbation-Prone Asthma and Predictive Biomarkers of Exacerbation Frequency. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 973-982	10.2	47
146	genotype identifies glucocorticoid responsiveness in severe asthma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 2187-2193	11.5	15
145	Single-Session Bronchial Thermoplasty Guided by Xe Magnetic Resonance Imaging. A Pilot Randomized Controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 524-534	10.2	25
144	Baseline sputum eosinophil \square neutrophil subgroupsClinical characteristics and longitudinal trajectories for NHLBI Severe Asthma Research Program (SARP 3) cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 222-226	11.5	12
143	Effect of fixed-dose subcutaneous reslizumab on asthma exacerbations in patients with severe uncontrolled asthma and corticosteroid sparing in patients with oral corticosteroid-dependent asthma: results from two phase 3, randomised, double-blind, placebo-controlled trials. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 461-474	35.1	21
142	Short-course systemic corticosteroids in asthma: striking the balance between efficacy and safety. <i>European Respiratory Review</i> , 2020 , 29,	9.8	15

141	Impaired tumor necrosis factor- β secretion by CD4 T cells during respiratory syncytial virus bronchiolitis associated with recurrent wheeze. <i>Immunity, Inflammation and Disease</i> , 2020 , 8, 30-39	2.4	4
140	Safety of Reslizumab in Uncontrolled Asthma with Eosinophilia: A Pooled Analysis from 6 Trials. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 540-548.e1	5.4	11
139	Quantitative CT-based image registration metrics provide different ventilation and lung motion patterns in prone and supine positions in healthy subjects. <i>Respiratory Research</i> , 2020 , 21, 254	7.3	1
138	Biomarkers of Type 2 Airway Inflammation as Predictors of Loss of Asthma Control During Step-Down Therapy for Well-Controlled Disease: The Long-Acting Beta-Agonist Step-Down Study (LASST). <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 3474-3481	5.4	2
137	The emerging role of quantitative imaging in asthma. <i>British Journal of Radiology</i> , 2020 , 20201133	3.4	0
136	Sex effects in the association between airway microbiome and asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2020 , 125, 652-657.e3	3.2	5
135	The precision interventions for severe and/or exacerbation-prone asthma (PrecISE) adaptive platform trial: statistical considerations. <i>Journal of Biopharmaceutical Statistics</i> , 2020 , 30, 1026-1037	1.3	7
134	Estimated Ventricular Size, Asthma Severity, and Exacerbations: The Severe Asthma Research Program III Cohort. <i>Chest</i> , 2020 , 157, 258-267	5.3	1
133	Dupilumab Efficacy in Uncontrolled, Moderate-to-Severe Asthma with Self-Reported Chronic Rhinosinusitis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 527-539.e9	5.4	20
132	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
131	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	185
130	Investigation of the relationship between IL-6 and type 2 biomarkers in patients with severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 430-433	11.5	22
129	Severe asthma during childhood and adolescence: A longitudinal study. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 140-146.e9	11.5	25
128	A Pragmatic Trial of Symptom-Based Inhaled Corticosteroid Use in African-American Children with Mild Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 176-185.e2	5.4	25
127	Dupilumab improves lung function in patients with uncontrolled, moderate-to-severe asthma. <i>ERJ Open Research</i> , 2020 , 6,	3.5	12
126	Distinct associations of sputum and oral microbiota with atopic, immunologic, and clinical features in mild asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1016-1026	11.5	17
125	Bronchial Thermoplasty. <i>Clinics in Chest Medicine</i> , 2019 , 40, 193-207	5.3	7
124	Loss of bronchoprotection with ICS plus LABA treatment, β_2 receptor dynamics, and the effect of alendronate. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 416-425.e7	11.5	2

123	Outcomes following mepolizumab treatment discontinuation: real-world experience from an open-label trial. <i>Allergy, Asthma and Clinical Immunology</i> , 2019 , 15, 37	3.2	18
122	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
121	Dupilumab improves asthma outcomes irrespective of frequency of previous asthma exacerbation history. <i>Annals of Allergy, Asthma and Immunology</i> , 2019 , 123, 222-224.e1	3.2	11
120	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
119	Differences in Particle Deposition Between Members of Imaging-Based Asthma Clusters. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2019 , 32, 213-223	3.8	13
118	Harmonized outcome measures for use in asthma patient registries and clinical practice. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 671-681.e1	11.5	10
117	Unmet Needs in Severe Asthma Subtyping and Precision Medicine Trials. Bridging Clinical and Patient Perspectives. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 823-829	10.2	23
116	Performance of the Asthma Impact on Quality of Life Scale (A-IQOLS) in diverse asthma research populations and demographic subgroups. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 395-402.e175	11.5	2
115	Dupilumab improves symptoms, quality of life, and productivity in uncontrolled persistent asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2019 , 122, 41-49.e2	3.2	30
114	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 873-874	11.5	
113	The effect of BPIFA1/SPLUNC1 genetic variation on its expression and function in asthmatic airway epithelium. <i>JCI Insight</i> , 2019 , 4,	9.9	11
112	Structural and Functional Features on Quantitative Chest Computed Tomography in the Korean Asian versus the White American Healthy Non-Smokers. <i>Korean Journal of Radiology</i> , 2019 , 20, 1236-1245	6.9	8
111	The upper-airway microbiota and loss of asthma control among asthmatic children. <i>Nature Communications</i> , 2019 , 10, 5714	17.4	49
110	Adapting clinical trial design to maintain meaningful outcomes during a multicenter asthma trial in the precision medicine era. <i>Contemporary Clinical Trials</i> , 2019 , 77, 98-103	2.3	1
109	Racial disparities in asthma-related health care use in the National Heart, Lung, and Blood Institute Severe Asthma Research Program. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 2052-2061	11.5	34
108	Predicting Responders to Reslizumab after 16 Weeks of Treatment Using an Algorithm Derived from Clinical Studies of Patients with Severe Eosinophilic Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 489-495	10.2	12
107	Mastoid osteoma in a prehispanic cranium (1390 A.D.) from Northern Chile. <i>International Journal of Paleopathology</i> , 2019 , 24, 141-143	1.5	3
106	Role of Biologics in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 433-445	10.2	158

105	Reslizumab Compared with Benralizumab in Patients with Eosinophilic Asthma: A Systematic Literature Review and Network Meta-Analysis. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019 , 7, 122-130.e1	5.4	29
104	Predictors of inhaled corticosteroid taper failure in adults with asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019 , 7, 1335-1337.e3	5.4	
103	Bronchial Thermoplasty: A Decade of Experience: State of the Art. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019 , 7, 71-80	5.4	13
102	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
101	Tobacco Use Prevalence and Smoking Cessation Pharmacotherapy Prescription Patterns Among Hospitalized Patients by Medical Specialty. <i>Nicotine and Tobacco Research</i> , 2019 , 21, 631-637	4.9	7
100	Pruning of the Pulmonary Vasculature in Asthma. The Severe Asthma Research Program (SARP) Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 39-50	10.2	28
99	Caregiver and pediatric provider perspectives on symptom-based inhaled corticosteroid therapy in asthma. <i>Respiratory Medicine</i> , 2018 , 137, 201-205	4.6	7
98	Lumen area change (Delta Lumen) between inspiratory and expiratory multidetector computed tomography as a measure of severe outcomes in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1773-1780.e9	11.5	11
97	Recurrent wheezing in children following human metapneumovirus infection. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 297-301.e2	11.5	10
96	Obesity effect on asthma extends to diagnostic criteria. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1096-1104	11.5	21
95	Income is an independent risk factor for worse asthma outcomes. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 754-760.e3	11.5	36
94	A new measure to assess asthma effect on quality of life from the patient perspective. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1085-1095	11.5	5
93	Internet-Based Monitoring in the Severe Asthma Research Program Identifies a Subgroup of Patients With Labile Asthma Control. <i>Chest</i> , 2018 , 153, 378-386	5.3	3
92	Step-Down Therapy for Asthma Well Controlled on Inhaled Corticosteroid and Long-Acting Beta-Agonist: A Randomized Clinical Trial. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 633-643.e1	5.4	13
91	Imaging Procedures and Bronchial Thermoplasty for Asthma Assessment and Intervention 2018 , 191-205		1
90	Neutrophil cytoplasmic proteins induce T17 differentiation and skew inflammation toward neutrophilia in severe asthma. <i>Science Immunology</i> , 2018 , 3,	28	95
89	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
88	Bacterial biogeography of adult airways in atopic asthma. <i>Microbiome</i> , 2018 , 6, 104	16.6	57

87	Association of free vitamin D concentrations and asthma treatment failures in the VIDA Trial. <i>Annals of Allergy, Asthma and Immunology</i> , 2018 , 121, 444-450.e1	3.2	5
86	The peroxisome proliferator-activated receptor agonist pioglitazone and 5-lipoxygenase inhibitor zileuton have no effect on lung inflammation in healthy volunteers by positron emission tomography in a single-blind placebo-controlled cohort study. <i>PLoS ONE</i> , 2018 , 13, e0191783	3.7	6
85	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
84	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
83	Bronchial thermoplasty: an update for the interventional pulmonologist. <i>AME Medical Journal</i> , 2018 , 3, 82-82	1	1
82	Evidence-Based Assessment of Bronchial Thermoplasty in Asthma: Mechanisms and Outcomes. <i>Current Pulmonology Reports</i> , 2018 , 7, 188-195	0.5	
81	Efficacy and Safety of Dupilumab in Glucocorticoid-Dependent Severe Asthma. <i>New England Journal of Medicine</i> , 2018 , 378, 2475-2485	59.2	522
80	Using imaging as a biomarker for asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1-10	11.5	35
79	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
78	Natural killer cell-mediated inflammation resolution is disabled in severe asthma. <i>Science Immunology</i> , 2017 , 2,	28	52
77	Associations in asthma between quantitative computed tomography and bronchial biopsy-derived airway remodelling. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	22
76	KIT Inhibition by Imatinib in Patients with Severe Refractory Asthma. <i>New England Journal of Medicine</i> , 2017 , 376, 1911-1920	59.2	111
75	Effect of intranasal corticosteroids on allergic airway disease in asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017 , 5, 1125-1128.e3	5.4	1
74	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
73	ALX receptor ligands define a biochemical endotype for severe asthma. <i>JCI Insight</i> , 2017 , 2,	9.9	18
72	Differentiation of quantitative CT imaging phenotypes in asthma versus COPD. <i>BMJ Open Respiratory Research</i> , 2017 , 4, e000252	5.6	20
71	Long-term Safety and Efficacy of Reslizumab in Patients with Eosinophilic Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017 , 5, 1572-1581.e3	5.4	86
70	Guiding principles for use of newer biologics and bronchial thermoplasty for patients with severe asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2017 , 119, 533-540	3.2	26

69	Nonpharmacologic Therapy for Severe Persistent Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017 , 5, 928-935	5.4	13
68	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
67	External ear canal exostosis and otitis media in temporal bones of prehistoric and historic chilean populations. A paleopathological and paleoepidemiological study. <i>Acta Oto-Laryngologica</i> , 2017 , 137, 365-369	1.6	2
66	Asthma in 2016: reassured about the old, excited about the new. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 937-939	35.1	1
65	Treatment for severe eosinophilic asthma-consistent effect of anti-interleukin-5 antibodies?. <i>Lancet, The</i> , 2016 , 388, 2059-2060	40	3
64	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
63	Bronchial thermoplasty and biological therapy as targeted treatments for severe uncontrolled asthma. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 585-592	35.1	43
62	Vitamin D3 treatment of vitamin D-insufficient asthmatic patients does not alter immune cell function. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 286-289.e9	11.5	6
61	Vitamin D3 therapy in patients with asthma complicated by sinonasal disease: Secondary analysis of the Vitamin D Add-on Therapy Enhances Corticosteroid Responsiveness in Asthma trial. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 589-592.e2	11.5	8
60	Experimental evidence of age-related adaptive changes in human acinar airways. <i>Journal of Applied Physiology</i> , 2016 , 120, 159-65	3.7	25
59	Temporal biological variability in dendritic cells and regulatory T cells in peripheral blood of healthy adults. <i>Journal of Immunological Methods</i> , 2016 , 431, 63-5	2.5	4
58	Cost effectiveness of bronchial thermoplasty in patients with severe uncontrolled asthma. <i>Journal of Asthma</i> , 2016 , 53, 194-200	1.9	25
57	Impact of Age and Sex on Outcomes and Hospital Cost of Acute Asthma in the United States, 2011-2012. <i>PLoS ONE</i> , 2016 , 11, e0157301	3.7	45
56	Azithromycin therapy during respiratory syncytial virus bronchiolitis: Upper airway microbiome alterations and subsequent recurrent wheeze. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 1215-1219.e5	11.5	28
55	Dupilumab efficacy and safety in adults with uncontrolled persistent asthma despite use of medium-to-high-dose inhaled corticosteroids plus a long-acting β agonist: a randomised double-blind placebo-controlled pivotal phase 2b dose-ranging trial. <i>Lancet, The</i> , 2016 , 388, 31-44	40	572
54	Imaging pulmonary inducible nitric oxide synthase expression with PET. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 76-81	8.9	29
53	Quantitative assessment of multiscale structural and functional alterations in asthmatic populations. <i>Journal of Applied Physiology</i> , 2015 , 118, 1286-98	3.7	44
52	Randomized trial to evaluate azithromycin effects on serum and upper airway IL-8 levels and recurrent wheezing in infants with respiratory syncytial virus bronchiolitis. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 1171-8.e1	11.5	89

51	Bronchial thermoplasty: ready for prime time--the evidence is there!. <i>Chest</i> , 2015 , 147, e73-e74	5.3	8
50	Regional ventilation changes in severe asthma after bronchial thermoplasty with (3)He MR imaging and CT. <i>Radiology</i> , 2015 , 274, 250-9	20.5	97
49	Reslizumab for inadequately controlled asthma with elevated blood eosinophil counts: results from two multicentre, parallel, double-blind, randomised, placebo-controlled, phase 3 trials. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 355-66	35.1	715
48	Early Administration of Azithromycin and Prevention of Severe Lower Respiratory Tract Illnesses in Preschool Children With a History of Such Illnesses: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 2034-2044	27.4	166
47	Reply: To PMID 25174863. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 212-3	11.5	
46	Efficacy of nasal mometasone for the treatment of chronic sinonasal disease in patients with inadequately controlled asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 701-9.e5	11.5	33
45	Phenotype of asthmatics with increased airway S-nitrosoglutathione reductase activity. <i>European Respiratory Journal</i> , 2015 , 45, 87-97	13.6	20
44	Asthma Is More Severe in Older Adults. <i>PLoS ONE</i> , 2015 , 10, e0133490	3.7	64
43	Pooled Sequencing of Candidate Genes Implicates Rare Variants in the Development of Asthma Following Severe RSV Bronchiolitis in Infancy. <i>PLoS ONE</i> , 2015 , 10, e0142649	3.7	7
42	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. <i>European Respiratory Journal</i> , 2014 , 43, 343-73	13.6	2057
41	A genome-wide survey of CD4(+) lymphocyte regulatory genetic variants identifies novel asthma genes. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1153-62	11.5	40
40	Critical review of bronchial thermoplasty: where should it fit into asthma therapy?. <i>Current Allergy and Asthma Reports</i> , 2014 , 14, 470	5.6	9
39	Assessment of regional lung function with multivolume (1)H MR imaging in health and obstructive lung disease: comparison with (3)He MR imaging. <i>Radiology</i> , 2014 , 273, 580-90	20.5	34
38	Longitudinal changes in airway remodeling and air trapping in severe asthma. <i>Academic Radiology</i> , 2014 , 21, 986-93	4.3	33
37	Benralizumab, an anti-interleukin 5 receptor α 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
36	Asthma exacerbation rates in adults are unchanged over a 5-year period despite high-intensity therapy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2014 , 2, 570-4.e1	5.4	39
35	Variability of methacholine bronchoprovocation and the effect of inhaled corticosteroids in mild asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2014 , 112, 354-60.e1	3.2	12
34	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

33	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
32	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
31	Improved CT-based estimate of pulmonary gas trapping accounting for scanner and lung-volume variations in a multicenter asthmatic study. <i>Journal of Applied Physiology</i> , 2014 , 117, 593-603	3.7	32
30	Interferon response and respiratory virus control are preserved in bronchial epithelial cells in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 1402-1412.e7	11.5	56
29	Bronchial thermoplasty: Long-term safety and effectiveness in patients with severe persistent asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 1295-302	11.5	224
28	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
27	Determinants of asthma after severe respiratory syncytial virus bronchiolitis. <i>Journal of Allergy and Clinical Immunology</i> , 2012 , 130, 91-100.e3	11.5	178
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