

# Mario Castro

## List of Publications by Year in descending order

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Version: 2024-02-01

194  
papers

20,278  
citations

25034

57  
h-index

10734

138  
g-index

196  
all docs

196  
docs citations

196  
times ranked

14044  
citing authors

#	ARTICLE	IF	CITATIONS
1	The emerging role of quantitative imaging in asthma. British Journal of Radiology, 2022, 95, 20201133.	2.2	2
2	Long-term safety and efficacy of dupilumab in patients with moderate-to-severe asthma (TRAVERSE): an open-label extension study. Lancet Respiratory Medicine, the, 2022, 10, 11-25.	10.7	109
3	Utilizing flip angle/TR equivalence to reduce breath hold duration in hyperpolarized <sup>129</sup> Xe 1-point Dixon gas exchange imaging. Magnetic Resonance in Medicine, 2022, 87, 1490-1499.	3.0	8
4	Biomarkers to Predict Response to Inhaled Corticosteroids and Long-Acting Muscarinic Antagonists in Adolescents and Adults with Mild Persistent Asthma. Annals of the American Thoracic Society, 2022, 19, 372-380.	3.2	6
5	Bronchial Thermoplasty in Patients With Severe Asthma at 5 Years. Chest, 2022, 161, 614-628.	0.8	17
6	The Precision Interventions for Severe and/or Exacerbation-Prone (PrecISE) Asthma Network: An overview of Network organization, procedures, and interventions. Journal of Allergy and Clinical Immunology, 2022, 149, 488-516.e9.	2.9	24
7	Mucus Plugs Persist in Asthma, and Changes in Mucus Plugs Associate with Changes in Airflow over Time. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1036-1045.	5.6	39
8	The Role of Comorbidities in Difficult-to-Control Asthma in Adults and Children. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 397-408.	3.8	14
9	Imaging in Asthma Management. Seminars in Respiratory and Critical Care Medicine, 2022, , .	2.1	1
10	Azithromycin to Prevent Recurrent Wheeze Following Severe Respiratory Syncytial Virus Bronchiolitis. , 2022, 1, .		8
11	Reply: Occupational Exposures in Rheumatoid Arthritis-Related Airway Disease: A Missing Link?. Annals of the American Thoracic Society, 2022, , .	3.2	0
12	Airway Disease in Rheumatoid Arthritis. Annals of the American Thoracic Society, 2022, 19, 343-352.	3.2	15
13	Dupilumab Efficacy in Steroid-Dependent Severe Asthma by Baseline Oral Corticosteroid Dose. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 1835-1843.	3.8	4
14	DNA sequencing analysis of cystic fibrosis transmembrane conductance regulator gene identifies cystic fibrosis-associated variants in the Severe Asthma Research Program. Pediatric Pulmonology, 2022, 57, 1782-1788.	2.0	3
15	Quantitative CT Characteristics of Cluster Phenotypes in the Severe Asthma Research Program Cohorts. Radiology, 2022, 304, 450-459.	7.3	3
16	Dupilumab efficacy and safety in patients with asthma and blood eosinophils $\geq 500$ cells/ $\mu$ L <sup>1</sup> . European Respiratory Journal, 2022, 59, 2102577.	6.7	2
17	The Impact of Insulin Resistance on Loss of Lung Function and Response to Treatment in Asthma. American Journal of Respiratory and Critical Care Medicine, 2022, 206, 1096-1106.	5.6	28
18	Targeted Molecular Therapies in Allergy and Rhinology. Otolaryngology - Head and Neck Surgery, 2021, 164, S1-S21.	1.9	18

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19	Genetic analyses identify GSDMB associated with asthma severity, exacerbations, and antiviral pathways. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 894-909.	2.9	50
20	Type 2 inflammation in the sputum of adolescents with asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2021, 126, 297-299.	1.0	0
21	Lung function trajectories and bronchial hyperresponsiveness during childhood following severe RSV bronchiolitis in infancy. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 457-464.	2.6	10
22	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.	2.6	16
23	Understanding the key issues in the treatment of uncontrolled persistent asthma with type 2 inflammation. <i>European Respiratory Journal</i> , 2021, 58, 2003393.	6.7	69
24	Geography, generalisability, and susceptibility in clinical trials. <i>Lancet Respiratory Medicine</i> , the, 2021, 9, 330-332.	10.7	12
25	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.	5.6	39
26	Hospital Collaboration in Response to the COVID-19 Pandemic in Kansas City Metropolitan Region. <i>Kansas Journal of Medicine</i> , 2021, 14, 108-110.	0.4	1
27	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.	8.2	21
28	2020 Updated Asthma Guidelines: Bronchial thermoplasty in the management of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1638-1639.	2.9	2
29	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.	7.1	25
30	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.	2.9	27
31	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.	1.1	3
32	Prevention and Treatment of Asthma Exacerbations in Adults. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 2578-2586.	3.8	13
33	Impact of baseline patient characteristics on dupilumab efficacy in type 2 asthma. <i>European Respiratory Journal</i> , 2021, 58, 2004605.	6.7	10
34	Effect of exacerbation history on clinical response to dupilumab in moderate-to-severe uncontrolled asthma. <i>European Respiratory Journal</i> , 2021, 58, 2004498.	6.7	9
35	Benefits of Airway Androgen Receptor Expression in Human Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 285-293.	5.6	26
36	Overview of Interventional Pulmonology for Radiologists. <i>Radiographics</i> , 2021, 41, 1916-1935.	3.3	5

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37	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.	2.9	30
38	Protocols for multi-site trials using hyperpolarized <sup>129</sup> Xe MRI for imaging of ventilation, alveolar airspace size, and gas exchange: A position paper from the <sup>129</sup> Xe MRI clinical trials consortium. <i>Magnetic Resonance in Medicine</i> , 2021, 86, 2966-2986.	3.0	35
39	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.	5.6	10
40	Bronchial Thermoplasty. <i>Respiratory Medicine</i> , 2021, , 477-485.	0.1	0
41	Estimated Ventricular Size, Asthma Severity, and Exacerbations. <i>Chest</i> , 2020, 157, 258-267.	0.8	4
42	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.	3.8	45
43	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.	3.8	123
44	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. <i>European Respiratory Journal</i> , 2020, 55, 1900588.	6.7	380
45	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.	2.9	38
46	Severe asthma during childhood and adolescence: A longitudinal study. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 140-146.e9.	2.9	45
47	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.	3.8	46
48	Impaired tumor necrosis factor- $\alpha$ secretion by CD4 T cells during respiratory syncytial virus bronchiolitis associated with recurrent wheeze. <i>Immunity, Inflammation and Disease</i> , 2020, 8, 30-39.	2.7	9
49	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.	3.8	23
50	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.	3.6	6
51	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.	3.8	7
52	Sex effects in the association between airway microbiome and asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 125, 652-657.e3.	1.0	10
53	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.	0.8	11
54	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.	5.6	105

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55	<i>HSD3B1</i> genotype identifies glucocorticoid responsiveness in severe asthma. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2187-2193.	7.1	27
56	Single-Session Bronchial Thermoplasty Guided by <sup>129</sup> Xe Magnetic Resonance Imaging. A Pilot Randomized Controlled Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 524-534.	5.6	52
57	Predicting the Response to Bronchial Thermoplasty: The Needier, the Better. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 1261-1262.	3.8	4
58	Baseline sputum eosinophil+ neutrophil subgroups™ clinical characteristics and longitudinal trajectories for NHLBI Severe Asthma Research Program (SARP 3) cohort. Journal of Allergy and Clinical Immunology, 2020, 146, 222-226.	2.9	25
59	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. Lancet Respiratory Medicine, 2020, 8, 461-474.	10.7	56
60	Precision Medicine in Asthma™ Using Phenotypes to Understand Endotypes That Lead Us to New Therapeutic Options. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 496-497.	3.8	8
61	Short-course systemic corticosteroids in asthma: striking the balance between efficacy and safety. European Respiratory Review, 2020, 29, 190151.	7.1	63
62	Dupilumab improves lung function in patients with uncontrolled, moderate-to-severe asthma. ERJ Open Research, 2020, 6, 00204-2019.	2.6	36
63	Distinct associations of sputum and oral microbiota with atopic, immunologic, and clinical features in mild asthma. Journal of Allergy and Clinical Immunology, 2020, 146, 1016-1026.	2.9	46
64	Risk Factors Associated With Bronchiolitis in Puerto Rican Children. Pediatric Emergency Care, 2020, Publish Ahead of Print, .	0.9	0
65	Performance of the Asthma Impact on Quality of Life Scale (A-IQOLS) in diverse asthma research populations and demographic subgroups. Journal of Allergy and Clinical Immunology, 2019, 143, 395-402.e7.	2.9	2
66	Dupilumab improves symptoms, quality of life, and productivity in uncontrolled persistent asthma. Annals of Allergy, Asthma and Immunology, 2019, 122, 41-49.e2.	1.0	50
67	Reply. Journal of Allergy and Clinical Immunology, 2019, 144, 873-874.	2.9	0
68	Bronchial Thermoplasty. Clinics in Chest Medicine, 2019, 40, 193-207.	2.1	10
69	Loss of bronchoprotection with ICS plus LABA treatment, $\beta_2$ -receptor dynamics, and the effect of alendronate. Journal of Allergy and Clinical Immunology, 2019, 144, 416-425.e7.	2.9	6
70	Outcomes following mepolizumab treatment discontinuation: real-world experience from an open-label trial. Allergy, Asthma and Clinical Immunology, 2019, 15, 37.	2.0	24
71	Mometasone or Tiotropium in Mild Asthma with a Low Sputum Eosinophil Level. New England Journal of Medicine, 2019, 380, 2009-2019.	27.0	95
72	Dupilumab improves asthma outcomes irrespective of frequency of previous asthma exacerbation history. Annals of Allergy, Asthma and Immunology, 2019, 123, 222-224.e1.	1.0	14

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73	Extracellular DNA, Neutrophil Extracellular Traps, and Inflammasome Activation in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 1076-1085.	5.6	165
74	Differences in Particle Deposition Between Members of Imaging-Based Asthma Clusters. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2019, 32, 213-223.	1.4	21
75	Harmonized outcome measures for use in asthma patient registries and clinical practice. Journal of Allergy and Clinical Immunology, 2019, 144, 671-681.e1.	2.9	19
76	Unmet Needs in Severe Asthma Subtyping and Precision Medicine Trials. Bridging Clinical and Patient Perspectives. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 823-829.	5.6	31
77	The upper-airway microbiota and loss of asthma control among asthmatic children. Nature Communications, 2019, 10, 5714.	12.8	100
78	Adapting clinical trial design to maintain meaningful outcomes during a multicenter asthma trial in the precision medicine era. Contemporary Clinical Trials, 2019, 77, 98-103.	1.8	4
79	Racial disparities in asthma-related health care use in the National Heart, Lung, and Blood Institute's Severe Asthma Research Program. Journal of Allergy and Clinical Immunology, 2019, 143, 2052-2061.	2.9	65
80	Predicting response to bronchial thermoplasty in patients with severe uncontrolled asthma: An elusive goal. Respiriology, 2019, 24, 11-12.	2.3	4
81	Predicting Responders to Reslizumab after 16 Weeks of Treatment Using an Algorithm Derived from Clinical Studies of Patients with Severe Eosinophilic Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 489-495.	5.6	17
82	Mastoid osteoma in a prehispanic cranium (1390 A.D.) from Northern Chile. International Journal of Paleopathology, 2019, 24, 141-143.	1.4	4
83	Role of Biologics in Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 433-445.	5.6	296
84	Reslizumab Compared with Benralizumab in Patients with Eosinophilic Asthma: A Systematic Literature Review and Network Meta-Analysis. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 122-130.e1.	3.8	44
85	Predictors of inhaled corticosteroid taper failure in adults with asthma. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1335-1337.e3.	3.8	0
86	Bronchial Thermoplasty: A Decade of Experience: State of the Art. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 71-80.	3.8	31
87	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.	2.9	135
88	Tobacco Use Prevalence and Smoking Cessation Pharmacotherapy Prescription Patterns Among Hospitalized Patients by Medical Specialty. Nicotine and Tobacco Research, 2019, 21, 631-637.	2.6	11
89	The effect of BPIFA1/SPLUNC1 genetic variation on its expression and function in asthmatic airway epithelium. JCI Insight, 2019, 4, .	5.0	23
90	Structural and Functional Features on Quantitative Chest Computed Tomography in the Korean Asian versus the White American Healthy Non-Smokers. Korean Journal of Radiology, 2019, 20, 1236.	3.4	13

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91	Pruning of the Pulmonary Vasculature in Asthma. The Severe Asthma Research Program (SARP) Cohort. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 39-50.	5.6	51
92	Caregiver and pediatric provider perspectives on symptom-based inhaled corticosteroid therapy in asthma. Respiratory Medicine, 2018, 137, 201-205.	2.9	8
93	Lumen area change (Delta Lumen) between inspiratory and expiratory multidetector computed tomography as a measure of severe outcomes in asthmatic patients. Journal of Allergy and Clinical Immunology, 2018, 142, 1773-1780.e9.	2.9	13
94	Recurrent wheezing in children following human metapneumovirus infection. Journal of Allergy and Clinical Immunology, 2018, 142, 297-301.e2.	2.9	15
95	Obesity's effect on asthma extends to diagnostic criteria. Journal of Allergy and Clinical Immunology, 2018, 141, 1096-1104.	2.9	36
96	Income is an independent risk factor for worse asthma outcomes. Journal of Allergy and Clinical Immunology, 2018, 141, 754-760.e3.	2.9	59
97	A new measure to assess asthma's effect on quality of life from the patient's perspective. Journal of Allergy and Clinical Immunology, 2018, 141, 1085-1095.	2.9	6
98	Internet-Based Monitoring in the Severe Asthma Research Program Identifies a Subgroup of Patients With Labile Asthma Control. Chest, 2018, 153, 378-386.	0.8	6
99	Step-Down Therapy for Asthma Well Controlled on Inhaled Corticosteroid and Long-Acting Beta-Agonist: A Randomized Clinical Trial. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 633-643.e1.	3.8	19
100	Bronchial thermoplasty: an update for the interventional pulmonologist. AME Medical Journal, 2018, 3, 82-82.	0.4	2
101	Evidence-Based Assessment of Bronchial Thermoplasty in Asthma: Mechanisms and Outcomes. Current Pulmonology Reports, 2018, 7, 188-195.	1.3	0
102	Efficacy and Safety of Dupilumab in Glucocorticoid-Dependent Severe Asthma. New England Journal of Medicine, 2018, 378, 2475-2485.	27.0	816
103	Imaging Procedures and Bronchial Thermoplasty for Asthma Assessment and Intervention. , 2018, , 191-205.		1
104	Neutrophil cytoplasts induce T <sub>H</sub>17 differentiation and skew inflammation toward neutrophilia in severe asthma. Science Immunology, 2018, 3, .	11.9	157
105	Effects of endogenous sex hormones on lung function and symptom control in adolescents with asthma. BMC Pulmonary Medicine, 2018, 18, 58.	2.0	74
106	Bacterial biogeography of adult airways in atopic asthma. Microbiome, 2018, 6, 104.	11.1	93
107	Association of free vitamin D3 concentrations and asthma treatment failures in the VIDA Trial. Annals of Allergy, Asthma and Immunology, 2018, 121, 444-450.e1.	1.0	7
108	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. PLoS ONE, 2018, 13, e0191783.	2.5	7



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109	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.	3.8	210
110	Mucus plugs in patients with asthma linked to eosinophilia and airflow obstruction. <i>Journal of Clinical Investigation</i> , 2018, 128, 997-1009.	8.2	337
111	Using imaging as a biomarker for asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1-10.	2.9	83
112	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.	2.9	79
113	Natural killer cell-mediated inflammation resolution is disabled in severe asthma. <i>Science Immunology</i> , 2017, 2, .	11.9	76
114	Associations in asthma between quantitative computed tomography and bronchial biopsy-derived airway remodelling. <i>European Respiratory Journal</i> , 2017, 49, 1601507.	6.7	32
115	KIT Inhibition by Imatinib in Patients with Severe Refractory Asthma. <i>New England Journal of Medicine</i> , 2017, 376, 1911-1920.	27.0	159
116	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.	3.8	3
117	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.	5.6	87
118	Differentiation of quantitative CT imaging phenotypes in asthma versus COPD. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000252.	3.0	30
119	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.	3.8	116
120	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.	1.0	33
121	Nonpharmacologic Therapy for Severe Persistent Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 928-935.	3.8	23
122	The Many "Buckets" of Severe Asthma: Moving Toward Personalized Management. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017, 5, 936-937.	3.8	4
123	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.	2.9	222
124	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.	0.9	4
125	ALX receptor ligands define a biochemical endotype for severe asthma. <i>JCI Insight</i> , 2017, 2, .	5.0	29
126	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.	2.9	36



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127	Dupilumab efficacy and safety in adults with uncontrolled persistent asthma despite use of medium-to-high-dose inhaled corticosteroids plus a long-acting $\beta_2$ agonist: a randomised double-blind placebo-controlled pivotal phase 2b dose-ranging trial. <i>Lancet</i> , The, 2016, 388, 31-44.	13.7	760
128	Asthma in 2016: reassured about the old, excited about the new. <i>Lancet Respiratory Medicine</i> , the, 2016, 4, 937-939.	10.7	1
129	Treatment for severe eosinophilic asthma—consistent effect of anti-interleukin-5 antibodies?. <i>Lancet</i> , The, 2016, 388, 2059-2060.	13.7	4
130	Plasma interleukin-6 concentrations, metabolic dysfunction, and asthma severity: a cross-sectional analysis of two cohorts. <i>Lancet Respiratory Medicine</i> , the, 2016, 4, 574-584.	10.7	375
131	Bronchial thermoplasty and biological therapy as targeted treatments for severe uncontrolled asthma. <i>Lancet Respiratory Medicine</i> , the, 2016, 4, 585-592.	10.7	53
132	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.	2.9	7
133	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.	2.9	14
134	Experimental evidence of age-related adaptive changes in human acinar airways. <i>Journal of Applied Physiology</i> , 2016, 120, 159-165.	2.5	34
135	Temporal biological variability in dendritic cells and regulatory T cells in peripheral blood of healthy adults. <i>Journal of Immunological Methods</i> , 2016, 431, 63-65.	1.4	5
136	Cost effectiveness of bronchial thermoplasty in patients with severe uncontrolled asthma. <i>Journal of Asthma</i> , 2016, 53, 194-200.	1.7	34
137	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.	2.5	57
138	Bronchial Thermoplasty. <i>Chest</i> , 2015, 147, e73-e74.	0.8	9
139	Regional Ventilation Changes in Severe Asthma after Bronchial Thermoplasty with $^3\text{He}$ MR Imaging and CT. <i>Radiology</i> , 2015, 274, 250-259.	7.3	118
140	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> , the, 2015, 3, 355-366.	10.7	937
141	Early Administration of Azithromycin and Prevention of Severe Lower Respiratory Tract Illnesses in Preschool Children With a History of Such Illnesses. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 2034.	7.4	224
142	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 212-213.	2.9	0
143	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, 701-709.e5.	2.9	48
144	Phenotype of asthmatics with increased airway $\text{S-nitrosoglutathione}$ reductase activity. <i>European Respiratory Journal</i> , 2015, 45, 87-97.	6.7	26

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145	Imaging Pulmonary Inducible Nitric Oxide Synthase Expression with PET. Journal of Nuclear Medicine, 2015, 56, 76-81.	5.0	41
146	Quantitative assessment of multiscale structural and functional alterations in asthmatic populations. Journal of Applied Physiology, 2015, 118, 1286-1298.	2.5	67
147	Randomized trial to evaluate azithromycin's effects on serum and upper airway IL-8 levels and recurrent wheezing in infants with respiratory syncytial virus bronchiolitis. Journal of Allergy and Clinical Immunology, 2015, 135, 1171-1178.e1.	2.9	115
148	Asthma Is More Severe in Older Adults. PLoS ONE, 2015, 10, e0133490.	2.5	80
149	Pooled Sequencing of Candidate Genes Implicates Rare Variants in the Development of Asthma Following Severe RSV Bronchiolitis in Infancy. PLoS ONE, 2015, 10, e0142649.	2.5	10
150	Effect of Vitamin D<sub>3</sub> on Asthma Treatment Failures in Adults With Symptomatic Asthma and Lower Vitamin D Levels. JAMA - Journal of the American Medical Association, 2014, 311, 2083.	7.4	236
151	Improved CT-based estimate of pulmonary gas trapping accounting for scanner and lung-volume variations in a multicenter asthmatic study. Journal of Applied Physiology, 2014, 117, 593-603.	2.5	37
152	Interferon response and respiratory virus control are preserved in bronchial epithelial cells in asthma. Journal of Allergy and Clinical Immunology, 2014, 134, 1402-1412.e7.	2.9	71
153	Can computed tomography help us identify asthmatic phenotypes?. Journal of Allergy and Clinical Immunology, 2014, 133, 739-740.	2.9	6
154	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. European Respiratory Journal, 2014, 43, 343-373.	6.7	2,898
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