

Mario Castro

List of Publications by Citations

Source: <https://exaly.com/author-pdf/635863/mario-castro-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. <i>European Respiratory Journal</i> , 2014 , 43, 343-73	13.6	2057
175	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
174	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
173	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
172	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
171	Reslizumab for poorly controlled, eosinophilic asthma: a randomized, placebo-controlled study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 1125-32	10.2	536
170	Efficacy and Safety of Dupilumab in Glucocorticoid-Dependent Severe Asthma. <i>New England Journal of Medicine</i> , 2018 , 378, 2475-2485	59.2	522
169	Effectiveness and safety of bronchial thermoplasty in the treatment of severe asthma: a multicenter, randomized, double-blind, sham-controlled clinical trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 116-24	10.2	520
168	Benralizumab, an anti-interleukin 5 receptor α 1 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
167	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
166	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
165	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
164	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
163	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
162	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
161	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
160	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	185

159	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
158	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
157	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
156	Lansoprazole for children with poorly controlled asthma: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 373-81	27.4	175
155	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
154	Role of Biologics in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 433-445.2	15.2	158
153	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
152	Severity of respiratory syncytial virus bronchiolitis is affected by cigarette smoke exposure and atopy. <i>Pediatrics</i> , 2005 , 115, e7-14	7.4	145
151	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
150	Interleukin 12 p40 production by barrier epithelial cells during airway inflammation. <i>Journal of Experimental Medicine</i> , 2001 , 193, 339-51	16.6	136
149	KIT Inhibition by Imatinib in Patients with Severe Refractory Asthma. <i>New England Journal of Medicine</i> , 2017 , 376, 1911-1920	59.2	111
148	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
147	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
146	Asthma intervention program prevents readmissions in high healthcare users. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 1095-9	10.2	96
145	Neutrophil cytoplasts induce T17 differentiation and skew inflammation toward neutrophilia in severe asthma. <i>Science Immunology</i> , 2018 , 3,	28	95
144	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
143	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
142	Effect of rare variants in ADRB2 on risk of severe exacerbations and symptom control during longacting β agonist treatment in a multiethnic asthma population: a genetic study. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 204-13	35.1	85

141	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
140	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
139	Risk factors for asthma morbidity and mortality in a large metropolitan city. <i>Journal of Asthma</i> , 2001 , 38, 625-35	1.9	82
138	Lung imaging in asthmatic patients: the picture is clearer. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 467-78	11.5	79
137	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
136	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
135	Asthma Is More Severe in Older Adults. <i>PLoS ONE</i> , 2015 , 10, e0133490	3.7	64
134	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
133	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
132	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
131	Bacterial biogeography of adult airways in atopic asthma. <i>Microbiome</i> , 2018 , 6, 104	16.6	57
130	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
129	Determinants of exhaled breath condensate pH in a large population with asthma. <i>Chest</i> , 2011 , 139, 328-336	5.3	56
128	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
127	Could asthma be worsened by stimulating the T-helper type 1 immune response?. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000 , 22, 143-6	5.7	53
126	Natural killer cell-mediated inflammation resolution is disabled in severe asthma. <i>Science Immunology</i> , 2017 , 2,	2.8	52
125	The upper-airway microbiota and loss of asthma control among asthmatic children. <i>Nature Communications</i> , 2019 , 10, 5714	17.4	49
124	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

123	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
122	Quantitative assessment of multiscale structural and functional alterations in asthmatic populations. <i>Journal of Applied Physiology</i> , 2015 , 118, 1286-98	3.7	44
121	Bronchial thermoplasty and biological therapy as targeted treatments for severe uncontrolled asthma. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 585-592	35.1	43
120	Demonstration of the heterogeneous distribution of asthma in the lungs using CT and hyperpolarized helium-3 MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2010 , 32, 1379-87	5.6	42
119	Asthma exacerbations after glucocorticoid withdrawal reflects T cell recruitment to the airway. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 842-9	10.2	42
118	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
117	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
116	Placebo versus best-available-therapy control group in clinical trials for pharmacologic therapies: which is better?. <i>Proceedings of the American Thoracic Society</i> , 2007 , 4, 570-3		38
115	Lower levels of plasmacytoid dendritic cells in peripheral blood are associated with a diagnosis of asthma 6 yr after severe respiratory syncytial virus bronchiolitis. <i>Pediatric Allergy and Immunology</i> , 2009 , 20, 471-6	4.2	37
114	Cytokine response after severe respiratory syncytial virus bronchiolitis in early life. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 122, 726-733.e3	11.5	37
113	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
112	Using imaging as a biomarker for asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1-10	11.5	35
111	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
110	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
109	Longitudinal changes in airway remodeling and air trapping in severe asthma. <i>Academic Radiology</i> , 2014 , 21, 986-93	4.3	33
108	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
107	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
106	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

105	Imaging pulmonary inducible nitric oxide synthase expression with PET. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 76-81	8.9	29
104	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
103	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
102	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
101	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
100	Bronchial thermoplasty: a novel technique in the treatment of severe asthma. <i>Therapeutic Advances in Respiratory Disease</i> , 2010 , 4, 101-16	4.9	26
99	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
98	Experimental evidence of age-related adaptive changes in human acinar airways. <i>Journal of Applied Physiology</i> , 2016 , 120, 159-65	3.7	25
97	Cost effectiveness of bronchial thermoplasty in patients with severe uncontrolled asthma. <i>Journal of Asthma</i> , 2016 , 53, 194-200	1.9	25
96	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
95	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
94	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
93	Associations in asthma between quantitative computed tomography and bronchial biopsy-derived airway remodelling. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	22
92	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
91	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
90	Obesity effect on asthma extends to diagnostic criteria. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1096-1104	11.5	21
89	Differentiation of quantitative CT imaging phenotypes in asthma versus COPD. <i>BMJ Open Respiratory Research</i> , 2017 , 4, e000252	5.6	20
88	Phenotype of asthmatics with increased airway S-nitrosoglutathione reductase activity. <i>European Respiratory Journal</i> , 2015 , 45, 87-97	13.6	20

87	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
86	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
85	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
84	ALX receptor ligands define a biochemical endotype for severe asthma. <i>JCI Insight</i> , 2017 , 2,	9.9	18
83	Asthma outcomes from bronchial thermoplasty in the AIR2 trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 743-4	10.2	18
82	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
81	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
80	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
79	Short-course systemic corticosteroids in asthma: striking the balance between efficacy and safety. <i>European Respiratory Review</i> , 2020 , 29,	9.8	15
78	Strategic plan for pediatric respiratory diseases research: an NHLBI working group report. <i>Proceedings of the American Thoracic Society</i> , 2009 , 6, 1-10		15
77	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
76	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
75	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
74	Nonpharmacologic Therapy for Severe Persistent Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2017 , 5, 928-935	5.4	13
73	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
72	Baseline sputum eosinophil ⁺ neutrophil subgroups Clinical 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
71	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
70	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

69	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
68	Dupilumab improves lung function in patients with uncontrolled, moderate-to-severe asthma. <i>ERJ Open Research</i> , 2020 , 6,	3.5	12
67	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
66	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
65	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
64	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
63	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
62	Recurrent wheezing in children following human metapneumovirus infection. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 297-301.e2	11.5	10
61	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
60	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
59	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
58	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
57	Bronchial thermoplasty: ready for prime time--the evidence is there!. <i>Chest</i> , 2015 , 147, e73-e74	5.3	8
56	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
55	Bronchial Thermoplasty. <i>Clinics in Chest Medicine</i> , 2019 , 40, 193-207	5.3	7
54	Caregiver and pediatric provider perspectives on symptom-based inhaled corticosteroid therapy in asthma. <i>Respiratory Medicine</i> , 2018 , 137, 201-205	4.6	7
53	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
52	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

51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	Targeted Molecular Therapies in Allergy and Rhinology. <i>Otolaryngology - Head and Neck Surgery</i> , 2021 , 164, S1-S21	5.5	5
40	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
39	Protocols for multi-site trials using hyperpolarized Xe MRI for imaging of ventilation, alveolar-airspace 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
38	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
37	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
36	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
35	Treatment for severe eosinophilic asthma-consistent effect of anti-interleukin-5 antibodies?. <i>Lancet, The</i> , 2016 , 388, 2059-2060	4.0	3
34	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

33	Geography, generalisability, and susceptibility in clinical trials. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 330-332	35.1	3
32	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
31	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
30	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.e7	11.5	2
29	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
28	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
27	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
26	Impact of baseline patient characteristics on dupilumab efficacy in type 2 asthma. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	2
25	A Focused Review: Airways Disease in Rheumatoid Arthritis.. <i>Annals of the American Thoracic Society</i> , 2021 ,	4.7	2
24	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
23	Asthma in 2016: reassured about the old, excited about the new. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 937-939	35.1	1
22	Imaging Procedures and Bronchial Thermoplasty for Asthma Assessment and Intervention 2018 , 191-205		1
21	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
20	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
19	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
18	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
17	Estimated Ventricular Size, Asthma Severity, and Exacerbations: The Severe Asthma Research Program III Cohort. <i>Chest</i> , 2020 , 157, 258-267	5.3	1
16	Bronchial thermoplasty: an update for the interventional pulmonologist. <i>AME Medical Journal</i> , 2018 , 3, 82-82	1	1

15	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
14	Overview of Interventional Pulmonology for Radiologists. <i>Radiographics</i> , 2021 , 41, 1916-1935	5.4	1
13	The emerging role of quantitative imaging in asthma. <i>British Journal of Radiology</i> , 2020 , 20201133	3.4	0
12	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
11	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
10	Quantitative CT Characteristics of Cluster Phenotypes in the Severe Asthma Research Program Cohorts.. <i>Radiology</i> , 2022 , 210363	20.5	0
9	Dupilumab efficacy and safety in patients with asthma and blood eosinophils ≥ 500 cells/ μ L.. <i>European Respiratory Journal</i> , 2022 ,	13.6	0
8	Reply. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 873-874	11.5	
7	Reply: To PMID 25174863. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 212-3	11.5	
6	Bronchial Thermoplasty. <i>Respiratory Medicine</i> , 2021 , 477-485	0.2	
5	Elevated Urinary Leukotriene E4 Levels Are Associated with Hospitalization for Pain in Children with Sickle Cell Disease.. <i>Blood</i> , 2007 , 110, 3405-3405	2.2	
4	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	
3	Type 2 inflammation in the sputum of adolescents with asthma. <i>Annals of Allergy, Asthma and Immunology</i> , 2021 , 126, 297-299	3.2	
2	Evidence-Based Assessment of Bronchial Thermoplasty in Asthma: Mechanisms and Outcomes. <i>Current Pulmonology Reports</i> , 2018 , 7, 188-195	0.5	
1	Reply: Occupational Exposures in Rheumatoid Arthritis-Related Airway Disease: A Missing Link?. <i>Annals of the American Thoracic Society</i> , 2022 ,	4.7	