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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.

82 papers	803 citations	15 h-index	24 g-index
87 ext. papers	1,053 ext. citations	3.7 avg, IF	4.89 L-index

#	Paper	IF	Citations
82	Commercial valved spacers versus home-made spacers for delivering bronchodilator therapy in pediatric acute asthma: a cost-effectiveness analysis. <i>Journal of Asthma</i> , 2021 , 58, 1340-1347	1.9	1
81	Use of inhaled corticosteroids on an intermittent or as-needed basis in pediatric asthma: a systematic review of the literature. <i>Journal of Asthma</i> , 2021 , 1-12	1.9	
80	The cost-utility of early use of high-flow nasal cannula in bronchiolitis. <i>Health Economics Review</i> , 2021 , 11, 41	2	1
79	A comparative analysis of the bronchodilator response measured by impulse oscillometry and spirometry in asthmatic children living at high altitude. <i>Journal of Asthma</i> , 2021 , 58, 1488-1494	1.9	
78	Nebulization procedures for children with unknown viral status during the COVID-19 pandemic. <i>Journal of Asthma</i> , 2021 , 58, 1597-1598	1.9	
77	When adherence and inhalation technique matter: Difficult-to-control pediatric asthma in low- to middle-income countries. <i>Pediatric Pulmonology</i> , 2021 , 56, 1366-1373	3.5	1
76	Are we overcoming our inability to have pediatric patients properly use inhaled corticosteroids by inappropriately escalating their therapy?. <i>Journal of Asthma</i> , 2021 , 1-12	1.9	0
75	Early Microbial-Immune Interactions and Innate Immune Training of the Respiratory System during Health and Disease. <i>Children</i> , 2021 , 8,	2.8	2
74	Budget impact analysis of high-flow nasal cannula for infant bronchiolitis: the Colombian National Health System perspective. <i>Current Medical Research and Opinion</i> , 2021 , 37, 1627-1632	2.5	0
73	Cost-utility of omalizumab for the treatment of uncontrolled moderate-to-severe persistent pediatric allergic asthma in a middle-income country. <i>Pediatric Pulmonology</i> , 2021 , 56, 2987-2996	3.5	2
72	Budesonide/formoterol as maintenance and reliever therapy compared to fixed-budesonide/formoterol plus albuterol reliever for pediatric asthma: A cost-utility analysis in Colombia. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 3816-3818.e2	5.4	1
71	Response to letter. <i>Pediatric Pulmonology</i> , 2021 , 56, 2783-2784	3.5	
70	Cost utility of fractional exhaled nitric oxide monitoring for the management of children asthma. <i>Cost Effectiveness and Resource Allocation</i> , 2021 , 19, 33	2.4	3
69	Cost-utility of tiotropium for children with severe asthma in patients aged 1-5 years. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 1866-1868	4.2	4
68	Cost-effectiveness analysis of phenotypic-guided versus guidelines-guided bronchodilator therapy in viral bronchiolitis. <i>Pediatric Pulmonology</i> , 2021 , 56, 187-195	3.5	1
67	For which infants with viral bronchiolitis could it be deemed appropriate to use albuterol, at least on a therapeutic trial basis?. <i>Allergologia Et Immunopathologia</i> , 2021 , 49, 153-158	1.9	4
66	Prediction of normal values for central apnea-hypopnea index at different ages and altitudes above sea level in healthy children. <i>Sleep Medicine</i> , 2021 , 78, 182-188	4.6	1

65	Airway Remodeling Factors During Early-Life Rhinovirus Infection and the Effect of Premature Birth. <i>Frontiers in Pediatrics</i> , 2021 , 9, 610478	3.4	2
64	Genes, environment, and developmental timing: New insights from translational approaches to understand early origins of respiratory diseases. <i>Pediatric Pulmonology</i> , 2021 , 56, 3157-3165	3.5	1
63	The use of ipratropium bromide for treating moderate to severe asthma exacerbations in pediatric patients in an emergency setting: A cost-effectiveness analysis. <i>Pediatric Pulmonology</i> , 2021 , 56, 3706-3713	3.5	0
62	To the Editor. <i>Sleep Medicine</i> , 2021 , 86, 124	4.6	
61	Validation of a Spanish version of the Sleep-Related Breathing Disorder scale of the Pediatric Sleep Questionnaire in children living in a high-altitude city. <i>Pediatric Pulmonology</i> , 2021 , 56, 1077-1084	3.5	2
60	Dexamethasone or prednisolone for asthma exacerbations in children: A cost-effectiveness analysis. <i>Pediatric Pulmonology</i> , 2020 , 55, 1617-1623	3.5	1
59	Efficacy, safety and cost-effectiveness of hydroxychloroquine in children with COVID-19: A call for evidence. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020 , 109, 1711-1712	3.1	4
58	Decontamination and reuse of N95 filtering facemask respirators: A systematic review of the literature. <i>American Journal of Infection Control</i> , 2020 , 48, 1520-1532	3.8	54
57	Metered-dose inhalers vs nebulization for the delivery of albuterol in pediatric asthma exacerbations: A cost-effectiveness analysis in a middle-income country. <i>Pediatric Pulmonology</i> , 2020 , 55, 866-873	3.5	9
56	Validation of a new predictive model to improve risk stratification in bronchopulmonary dysplasia. <i>Scientific Reports</i> , 2020 , 10, 613	4.9	3
55	Phenotypical Sub-setting of the First Episode of Severe Viral Respiratory Infection Based on Clinical Assessment and Underlying Airway Disease: A Pilot Study. <i>Frontiers in Pediatrics</i> , 2020 , 8, 121	3.4	6
54	Bedside clinical assessment predicts recurrence after hospitalization due to viral lower respiratory tract infection in young children. <i>Journal of Investigative Medicine</i> , 2020 , 68, 756-761	2.9	2
53	Impact of pulmonary hypertension and congenital heart disease with hemodynamic repercussion on the severity of acute respiratory infections in children under 5 years of age at a pediatric referral center in Colombia, South America. <i>Cardiology in the Young</i> , 2020 , 30, 1866-1873	1	1
52	The use of β -adrenoreceptor agonists in viral bronchiolitis: scientific rationale beyond evidence-based guidelines. <i>ERJ Open Research</i> , 2020 , 6,	3.5	3
51	Adding nebulized corticosteroids to systemic corticosteroids for acute asthma in children: A systematic review with meta-analysis. <i>Pediatric Pulmonology</i> , 2020 , 55, 2508-2517	3.5	2
50	Development of spirometric reference equations for children living at high altitude. <i>Clinical Respiratory Journal</i> , 2020 , 14, 1011-1017	1.7	1
49	Metered-dose inhalers versus nebulization for the delivery of albuterol for acute exacerbations of wheezing or asthma in children: A systematic review with meta-analysis. <i>Pediatric Pulmonology</i> , 2020 , 55, 3268-3278	3.5	3
48	The cost-utility of intravenous magnesium sulfate for treating asthma exacerbations in children. <i>Pediatric Pulmonology</i> , 2020 , 55, 2610-2616	3.5	6

47	Advantage of inhaled corticosteroids as additional therapy to systemic corticosteroids for pediatric acute asthma exacerbations: a cost-effectiveness analysis. <i>Journal of Asthma</i> , 2020 , 57, 949-958	1.9	6
46	The impact of viral bronchiolitis phenotyping: Is it time to consider phenotype-specific responses to individualize pharmacological management?. <i>Paediatric Respiratory Reviews</i> , 2020 , 34, 53-58	4.8	9
45	Predictors of response to medications for asthma in pediatric patients: A systematic review of the literature. <i>Pediatric Pulmonology</i> , 2020 , 55, 1320-1331	3.5	4
44	Cost-effectiveness of the utilization of "good practice" or the lack thereof according to a bronchiolitis evidence-based clinical practice guideline. <i>Journal of Evaluation in Clinical Practice</i> , 2019 , 25, 682-688	2.5	4
43	Reference values for spirometric parameters in healthy children living in a Colombian city located at 2640 m altitude. <i>Pediatric Pulmonology</i> , 2019 , 54, 886-893	3.5	4
42	The relationship between inflammation and remodeling in childhood asthma: A systematic review. <i>Pediatric Pulmonology</i> , 2018 , 53, 824-835	3.5	27
41	Predictors of prolonged length of hospital stay for infants with bronchiolitis. <i>Journal of Investigative Medicine</i> , 2018 , 66, 986-991	2.9	8
40	Systematic review of instruments aimed at evaluating the severity of bronchiolitis. <i>Paediatric Respiratory Reviews</i> , 2018 , 25, 43-57	4.8	9
39	Predictors of prolonged length of hospital stay or readmissions for acute viral lower respiratory tract infections among infants with a history of bronchopulmonary dysplasia. <i>Journal of Medical Virology</i> , 2018 , 90, 405-411	19.7	5
38	Clinical definition of respiratory viral infections in young children and potential bronchiolitis misclassification. <i>Journal of Investigative Medicine</i> , 2018 , 66, 46-51	2.9	13
37	Phenotypical characterization of human rhinovirus infections in severely premature children. <i>Pediatrics and Neonatology</i> , 2018 , 59, 244-250	1.8	5
36	Cost Effectiveness of Pharmacological Treatments for Asthma: A Systematic Review. <i>Pharmacoeconomics</i> , 2018 , 36, 1165-1200	4.4	15
35	A cost-effectiveness threshold analysis of a multidisciplinary structured educational intervention in pediatric asthma. <i>Journal of Asthma</i> , 2018 , 55, 561-570	1.9	3
34	Predictors of hospitalization for acute lower respiratory infections during the first two years of life in a population of preterm infants with bronchopulmonary dysplasia. <i>Early Human Development</i> , 2018 , 127, 53-57	2.2	5
33	Daily inhaled corticosteroids or montelukast for preschoolers with asthma or recurrent wheezing: A systematic review. <i>Pediatric Pulmonology</i> , 2018 , 53, 1670-1677	3.5	18
32	Efficacy and Safety of Valsartan or Chlorthalidone vs. Combined Valsartan and Chlorthalidone in Patients With Mild to Moderate Hypertension: The VACLOR Study. <i>Clinical Medicine Insights: Cardiology</i> , 2018 , 12, 1179546818796482	3.2	1
31	A systematic review of instruments aimed at evaluating metered-dose inhaler administration technique in children. <i>Journal of Asthma</i> , 2017 , 54, 173-185	1.9	5
30	Quality assessment of acute viral bronchiolitis clinical practice guidelines. <i>Journal of Evaluation in Clinical Practice</i> , 2017 , 23, 37-43	2.5	7

29	Predictors of Inappropriate Use of Diagnostic Tests and Management of Bronchiolitis. <i>BioMed Research International</i> , 2017 , 2017, 9730696	3	13
28	Factors predicting persistence of early wheezing through childhood and adolescence: a systematic review of the literature. <i>Journal of Asthma and Allergy</i> , 2017 , 10, 83-98	3.1	27
27	Impact of the implementation of an evidence-based guideline on diagnostic testing, management, and clinical outcomes for infants with bronchiolitis. <i>Therapeutic Advances in Respiratory Disease</i> , 2016 , 10, 425-34	4.9	13
26	Risk and Protective Factors for Childhood Asthma: What Is the Evidence?. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2016 , 4, 1111-1122	5.4	105
25	Human Metapneumovirus Infection is Associated with Severe Respiratory Disease in Preschool Children with History of Prematurity. <i>Pediatrics and Neonatology</i> , 2016 , 57, 27-34	1.8	14
24	Leukotriene receptor antagonists as maintenance or intermittent treatment in pre-school children with episodic viral wheeze. <i>Paediatric Respiratory Reviews</i> , 2016 , 17, 57-9	4.8	5
23	Age-Related Effect of Viral-Induced Wheezing in Severe Prematurity. <i>Children</i> , 2016 , 3,	2.8	4
22	Predictors of severe disease in a hospitalized population of children with acute viral lower respiratory tract infections. <i>Journal of Medical Virology</i> , 2016 , 88, 754-9	19.7	7
21	Cost-utility analysis of once-daily versus twice-daily inhaled corticosteroid dosing for maintenance treatment of asthma in pediatric patients. <i>Journal of Asthma</i> , 2016 , 53, 538-45	1.9	13
20	Premature infants have impaired airway antiviral IFN responses to human metapneumovirus compared to respiratory syncytial virus. <i>Pediatric Research</i> , 2015 , 78, 389-94	3.2	22
19	Cost-effectiveness analysis of mometasone furoate versus beclomethasone dipropionate for the treatment of pediatric allergic rhinitis in Colombia. <i>Advances in Therapy</i> , 2015 , 32, 254-69	4.1	6
18	Validation of the Spanish version of the Pediatric Asthma Caregiver Quality of Life Questionnaire (PACQLQ) in a population of Hispanic children. <i>Journal of Asthma</i> , 2015 , 52, 749-54	1.9	4
17	Principal findings of systematic reviews of acute asthma treatment in childhood. <i>Journal of Asthma</i> , 2015 , 52, 1038-45	1.9	15
16	Principal findings of systematic reviews for chronic treatment in childhood asthma. <i>Journal of Asthma</i> , 2015 , 52, 407-16	1.9	12
15	Cost-utility analysis of daily versus intermittent inhaled corticosteroids in mild-persistent asthma. <i>Pediatric Pulmonology</i> , 2015 , 50, 735-46	3.5	16
14	Bronchodilators should be considered for all patients with acute bronchiolitis, but closely monitored for objectively measured clinical benefits. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015 , 104, 858-60	3.1	9
13	Children under 12 months could benefit from a therapeutic trial with bronchodilators if the clinical response is positive. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015 , 104, e540	3.1	4
12	Respiratory syncytial virus, adenoviruses, and mixed acute lower respiratory infections in children in a developing country. <i>Journal of Medical Virology</i> , 2015 , 87, 774-81	19.7	20

11	Principal findings of systematic reviews for the management of acute bronchiolitis in children. <i>Paediatric Respiratory Reviews</i> , 2015 , 16, 267-75	4.8	13
10	Predictors of hospitalization for asthma in children: results of a 1-year prospective study. <i>Pediatric Pulmonology</i> , 2014 , 49, 1058-64	3.5	14
9	Validation of the Spanish version of the Test for Respiratory and Asthma Control in Kids (TRACK) in a population of Hispanic preschoolers. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2014 , 2, 326-31.e3	5.4	10
8	Validation of the Spanish version of the childhood asthma control test (cACT) in a population of Hispanic children. <i>Journal of Asthma</i> , 2014 , 51, 855-62	1.9	12
7	Characterization of cytomegalovirus lung infection in non-HIV infected children. <i>Viruses</i> , 2014 , 6, 2038-56.2	5.2	20
6	Predictors of severity and mortality in children hospitalized with respiratory syncytial virus infection in a tropical region. <i>Pediatric Pulmonology</i> , 2014 , 49, 269-76	3.5	52
5	Cost-utility analysis of the inhaled steroids available in a developing country for the management of pediatric patients with persistent asthma. <i>Journal of Asthma</i> , 2013 , 50, 410-8	1.9	24
4	Comparison of the bronchodilating effects of albuterol delivered by valved vs. non-valved spacers in pediatric asthma. <i>Pediatric Allergy and Immunology</i> , 2012 , 23, 629-35	4.2	4
3	Discriminative properties of two predictive indices for asthma diagnosis in a sample of preschoolers with recurrent wheezing. <i>Pediatric Pulmonology</i> , 2011 , 46, 1175-81	3.5	33
2	Prevalence of and factors associated with current asthma symptoms in school children aged 6-7 and 13-14 yr old in Bogotá-Colombia. <i>Pediatric Allergy and Immunology</i> , 2008 , 19, 307-14	4.2	32
1	Commercial versus home-made spacers in delivering bronchodilator therapy for acute therapy in children. <i>The Cochrane Library</i> , 2008 , CD005536	5.2	10