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List of Publications by Year
in descending order

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114 papers	2,441 citations	257357 24 h-index	254106 43 g-index
120 all docs	120 docs citations	120 times ranked	3177 citing authors

#	Article	IF	Citations
1	Global Initiative for Asthma Strategy 2021: executive summary and rationale for key changes. European Respiratory Journal, 2022, 59, 2102730.	3.1	218
2	Global Initiative for Asthma Strategy 2021: Executive Summary and Rationale for Key Changes. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 17-35.	2.5	196
3	Growth Rate of Lung Function in Healthy Preterm Infants. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 1269-1273.	2.5	129
4	Nonatopic asthma is associated with helminth infections and bronchiolitis in poor children. European Respiratory Journal, 2007, 29, 1154-1160.	3.1	102
5	Reduced Lung Function in Healthy Preterm Infants in the First Months of Life. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 442-447.	2.5	92
6	Respiratory viral coinfection and disease severity in children: A systematic review and meta-analysis. Journal of Clinical Virology, 2016, 80, 45-56.	1.6	91
7	Correlation of forced oscillation technique in preschool children with cystic fibrosis with pulmonary inflammation. Thorax, 2005, 60, 159-163.	2.7	90
8	Mesenchymal stem cells improves survival in LPSâ€induced acute lung injury acting through inhibition of NETs formation. Journal of Cellular Physiology, 2017, 232, 3552-3564.	2.0	77
9	Childhood asthma outcomes during the COVIDâ€19 pandemic: Findings from the PeARL multiâ€national cohort. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1765-1775.	2.7	62
10	Neutrophilic airway inflammation is a main feature of induced sputum in nonatopic asthmatic children. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1597-1601.	2.7	58
11	The impact of asthma in Brazil: a longitudinal analysis of data from a Brazilian national database system. Jornal Brasileiro De Pneumologia, 2017, 43, 163-168.	0.4	58
12	Pediatric asthma: An unmet need for more effective, focused treatments. Pediatric Allergy and Immunology, 2019, 30, 7-16.	1.1	56
13	Azithromycin Therapy in Hospitalized Infants with Acute Bronchiolitis isÂNot Associated with Better Clinical Outcomes: AÂRandomized, Double-Blinded, and Placebo-Controlled Clinical Trial. Journal of Pediatrics, 2012, 161, 1104-1108.	0.9	51
14	Asthma management in low and middle income countries: case for change. European Respiratory Journal, 2022, 60, 2103179.	3.1	45
15	Autophagy induces eosinophil extracellular traps formation and allergic airway inflammation in a murine asthma model. Journal of Cellular Physiology, 2020, 235, 267-280.	2.0	41
16	Reactive oxygen species are involved in eosinophil extracellular traps release and in airway inflammation in asthma. Journal of Cellular Physiology, 2019, 234, 23633-23646.	2.0	39
17	Impact of omalizumab in children from a middleâ€income country with severe therapyâ€resistant asthma: A realâ€life study. Pediatric Pulmonology, 2017, 52, 1408-1413.	1.0	33
18	Global Initiative for Asthma Strategy 2021. Respirology, 2022, 27, 14-35.	1.3	31

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19	Global Initiative for Asthma Strategy 2021. Executive Summary and Rationale for Key Changes. Archivos De Bronconeumologia, 2022, 58, 35-51.	0.4	31
20	The Burden of Single Virus and Viral Coinfections on Severe Lower Respiratory Tract Infections Among Preterm Infants. Pediatric Infectious Disease Journal, 2014, 33, 997-1003.	1.1	30
21	Recombinant human deoxyribonuclease therapy improves airway resistance and reduces DNA extracellular traps in a murine acute asthma model. Experimental Lung Research, 2016, 42, 66-74.	0.5	30
22	Nasal wash as an alternative to bronchoalveolar lavage in detecting early pulmonary inflammation in children with cystic fibrosis. Respirology, 2005, 10, 177-182.	1.3	28
23	Specific instruments to assess quality of life in children and adolescents with asthma. Jornal De Pediatria, 2013, 89, 217-225.	0.9	28
24	Burden of asthma among inner-city children from Southern Brazil. Journal of Asthma, 2016, 53, 498-504.	0.9	27
25	2020 Brazilian Thoracic Association recommendations for the management of asthma. Jornal Brasileiro De Pneumologia, 2020, 46, e20190307.	0.4	27
26	Plasma brainâ€derived neurotrophic factor levels are associated with clinical severity in school age children with asthma. Clinical and Experimental Allergy, 2010, 40, 1755-1759.	1.4	26
27	Asthma and Obesity in Children Are Independently Associated with Airway Dysanapsis. Frontiers in Pediatrics, 2017, 5, 270.	0.9	26
28	Chorioamnionitis and Subsequent Lung Function in Preterm Infants. PLoS ONE, 2013, 8, e81193.	1.1	25
29	Asthma in Latin America: the dawn of a new epidemic. Current Opinion in Allergy and Clinical Immunology, 2008, 8, 378-383.	1.1	24
30	Inflammatory profile in nasal secretions of infants hospitalized with acute lower airway tract infections. Respirology, 2005, 10, 365-370.	1.3	23
31	Intestinal helminth infestation is associated with increased bronchial responsiveness in children. Pediatric Pulmonology, 2008, 43, 662-665.	1.0	23
32	Extracellular DNA traps in bronchoalveolar fluid from a murine eosinophilic pulmonary response. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 1696-1700.	2.7	22
33	Free asthma medications reduces hospital admissions in Brazil (FreeÂasthma drugs reduces) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.3	22
34	Global Variability in Administrative Approval Prescription Criteria for Biologic Therapy in Severe Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 1202-1216.e23.	2.0	22
35	Respiratory syncytial virus induces phosphorylation of mTOR at ser2448 in CD8 T cells from nasal washes of infected infants. Clinical and Experimental Immunology, 2016, 183, 248-257.	1.1	20
36	Identifying a biomarker network for corticosteroid resistance in asthma from bronchoalveolar lavage samples. Molecular Biology Reports, 2016, 43, 697-710.	1.0	17

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37	Asthma treatment in children and adolescents in an urban area in southern Brazil: popular myths and features. Jornal Brasileiro De Pneumologia, 2016, 42, 136-142.	0.4	16
38	Cholinergic antiâ€inflammatory pathway confers airway protection against oxidative damage and attenuates inflammation in an allergic asthma model. Journal of Cellular Physiology, 2020, 235, 1838-1849.	2.0	16
39	Impact of maternal dTpa vaccination on the incidence of pertussis in young infants. PLoS ONE, 2020, 15, e0228022.	1.1	16
40	Infection of BALB/c mice with Angiostrongylus costaricensis decreases pulmonary inflammatory response to ovalbumin. Parasite Immunology, 2004, 26, 151-155.	0.7	15
41	Post-infectious bronchiolitis obliterans. Pediatric Pulmonology, 2004, 37, 64-65.	1.0	15
42	Validation of the Brazilian version of the childhood asthma control test (câ€ACT). Pediatric Pulmonology, 2016, 51, 358-363.	1.0	14
43	Modulatory potential of resveratrol during lung inflammatory disease. Medical Hypotheses, 2016, 96, 61-65.	0.8	14
44	Effect of different helminth extracts on the development of asthma in mice: The influence of early-life exposure and the role of IL-10 response. Experimental Parasitology, 2015, 156, 95-103.	0.5	13
45	Asthma control in the quality of life levels of asthmatic patientsâ€™ caregivers: a systematic review with meta-analysis and meta-regression. Jornal De Pediatria, 2019, 95, 401-409.	0.9	13
46	Clinical characteristics of children and adolescents with severe therapy-resistant asthma in Brazil. Jornal Brasileiro De Pneumologia, 2015, 41, 343-350.	0.4	12
47	Lack of association between viral load and severity of acute bronchiolitis in infants. Jornal Brasileiro De Pneumologia, 2016, 42, 261-265.	0.4	12
48	Levels of knowledge about asthma of parents of asthmatic children. Einstein (Sao Paulo, Brazil), 2018, 16, eAO4204.	0.3	12
49	Effect of clarithromycin on the cell profile of bronchoalveolar lavage fluid in mice with neutrophil-predominant lung disease. Revista Do Hospital Das Clinicas, 2004, 59, 99-103.	0.5	11
50	Protective effect of early prenatal stress on the induction of asthma in adult mice: Sex-specific differences. Physiology and Behavior, 2016, 165, 358-364.	1.0	11
51	Challenges and choices in the pharmacological treatment of non-severe pediatric asthma: A commentary for the practicing physician. World Allergy Organization Journal, 2019, 12, 100054.	1.6	11
52	Helminths and Asthma. Immunology and Allergy Clinics of North America, 2019, 39, 417-427.	0.7	11
53	Shorter telomeres in children with severe asthma, an indicative of accelerated aging. Aging, 2021, 13, 1686-1691.	1.4	11
54	The role of environmental allergen control in the management of asthma. World Allergy Organization Journal, 2022, 15, 100634.	1.6	11

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55	Evaluating bronchodilator response in pediatric patients with post-infectious bronchiolitis obliterans: use of different criteria for identifying airway reversibility. Jornal Brasileiro De Pneumologia, 2016, 42, 174-178.	0.4	10
56	Bacterial extract (OM-85) with human-equivalent doses does not inhibit the development of asthma in a murine model. Allergologia Et Immunopathologia, 2016, 44, 504-511.	1.0	10
57	iNKT cells are increased in children with severe therapy-resistant asthma. Allergologia Et Immunopathologia, 2018, 46, 175-180.	1.0	10
58	Reference values for spirometry in Brazilian children. Jornal Brasileiro De Pneumologia, 2020, 46, e20190138-e20190138.	0.4	10
59	Efeito anti-inflamatÃ³rio dos macrolÃdeos em doenÃ§as pulmonares da infÃ¢ncia. Jornal Brasileiro De Pneumologia, 2012, 38, 786-796.	0.4	9
60	Acute and chronic exposure to Tyrophagus putrescentiae induces allergic pulmonary response in a murine model. Asia Pacific Allergy, 2016, 6, 48-55.	0.6	9
61	Input respiratory impedance in mice: comparison between the flow-based and the wavetube method to perform the forced oscillation technique. Physiological Measurement, 2017, 38, 992-1005.	1.2	9
62	Nutritional errors in the first months of life and their association with asthma and atopy in preschool children. Jornal De Pediatria, 2010, 86, 391-399.	0.9	9
63	2021 Brazilian Thoracic Association recommendations for the management of severe asthma. Jornal Brasileiro De Pneumologia, 2021, 47, e20210273.	0.4	9
64	Discrepancy between cytokine production from peripheral blood mononuclear cells and nasal secretions among infants with acute bronchiolitis. Annals of Allergy, Asthma and Immunology, 2004, 92, 659-662.	0.5	8
65	Effect of Angiostrongylus costaricensis extract on eosinophilic pulmonary response in BALB/c mice. Parasitology Research, 2006, 98, 295-298.	0.6	8
66	OM-85 BV for primary prevention of recurrent airway infections: a pilot randomized, double-blind, placebo-controlled study. Einstein (Sao Paulo, Brazil), 2020, 18, eAO5262.	0.3	8
67	Recombinant human deoxyribonuclease attenuates oxidative stress in a model of eosinophilic pulmonary response in mice. Molecular and Cellular Biochemistry, 2016, 413, 47-55.	1.4	7
68	Mite Fauna Assessment in Houses of Two distinct Socioeconomic Groups From Southern Brazil. Journal of Medical Entomology, 2018, 55, 620-625.	0.9	7
69	Moving toward consensus on diagnosis and management of severe asthma in children. Current Medical Research and Opinion, 2018, 34, 447-458.	0.9	7
70	Fructose-1,6-Bisphosphate Prevents Bleomycin-Induced Pulmonary Fibrosis in Mice and Inhibits the Proliferation of Lung Fibroblasts. Inflammation, 2018, 41, 1987-2001.	1.7	7
71	Evaluation of nasal levels of interferon and clinical severity of influenza in children. Journal of Clinical Virology, 2019, 114, 37-42.	1.6	7
72	Diagnosis of pulmonary aspiration: A mouse model using a starch granule test in bronchoalveolar lavage. Respirology, 2008, 13, 594-598.	1.3	6

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73	Bronchoalveolar Lavage plus Surfactant in a Piglet Model of Meconium Aspiration Syndrome. Neonatology, 2008, 93, 188-192.	0.9	6
74	Prevalence and impact of asthma in schoolchildren in the city of Caxias do Sul-RS. Jornal De Pediatria, 2020, 96, 479-486.	0.9	6
75	Determinants of exercise capacity in children and adolescents with severe therapy-resistant asthma. Journal of Asthma, 2022, 59, 115-125.	0.9	6
76	Effect of physical activity on asthma control in schoolchildren. Einstein (Sao Paulo, Brazil), 2019, 18, eAO4936.	0.3	6
77	Th-1 and Th-2 cytokine production in infants with virus-associated wheezing. Brazilian Journal of Medical and Biological Research, 2005, 38, 51-54.	0.7	5
78	TNF-a and IL-10 levels in tracheobronchial lavage of ventilated preterm infants and subsequent lung function. Brazilian Journal of Medical and Biological Research, 2007, 40, 569-576.	0.7	5
79	ResistÃªncia de vias aÃ©reas em crianÃ§as medida pela tÃ©cnica do interruptor: valores de referÃªncia. Jornal Brasileiro De Pneumologia, 2008, 34, 796-803.	0.4	5
80	FunÃ§Ã£o pulmonar persistentemente reduzida em crianÃ§as e adolescentes com asma. Jornal Brasileiro De Pneumologia, 2012, 38, 158-166.	0.4	5
81	CaracterÃsticas psicomÃ©tricas do QuestionÃ¡rio Newcastle de conhecimento em asma (NAKQ) para pais de crianÃ§as com asma. Scientia Medica, 2017, 27, 25635.	0.1	5
82	High-resolution CT pulmonary findings in children with severe asthma. Jornal De Pediatria, 2021, 97, 37-43.	0.9	5
83	Is the press properly presenting the epidemiological data on COVID-19? An analysis of newspapers from 25 countries. Journal of Public Health Policy, 2021, 42, 359-372.	1.0	5
84	Proposta de um modelo murino de curta duraÃ§Ã£o de resposta pulmonar alÃ©rgica aguda sem utilizaÃ§Ã£o de adjuvante. Jornal Brasileiro De Pneumologia, 2012, 38, 595-604.	0.4	4
85	Neostigmine treatment induces neuroprotection against oxidative stress in cerebral cortex of asthmatic mice. Metabolic Brain Disease, 2020, 35, 765-774.	1.4	4
86	Low performance of a SARS-CoV-2 point-of-care lateral flow immunoassay in symptomatic children during the pandemic. Jornal De Pediatria, 2021, , .	0.9	4
87	HIV and the lung in developing world. Pediatric Pulmonology, 2004, 37, 62-63.	1.0	3
88	Levels of Th1 and Th2 cytokines in children with post-infectious bronchiolitis obliterans. Annals of Tropical Paediatrics, 2005, 25, 261-266.	1.0	3
89	Helminth extracts inhibit eosinophilic inflammation in a murine model of allergic rhinitis. Allergologia Et Immunopathologia, 2014, 42, 632-634.	1.0	3
90	Immunomodulator plasmid projected by systems biology as a candidate for the development of adjunctive therapy for respiratory syncytial virus infection. Medical Hypotheses, 2016, 88, 86-90.	0.8	3

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91	An expert review on breaking barriers in severe asthma in Brazil: Time to act. Chronic Respiratory Disease, 2021, 18, 147997312110282.	1.0	3
92	Cysteinyl leukotriene induces eosinophil extracellular trap formation via cysteinyl leukotriene 1 receptor in a murine model of asthma. Experimental Lung Research, 2021, 47, 355-367.	0.5	3
93	Association between interleukin-10 polymorphisms and CD4+CD25+FOXP3+ T cells in asthmatic children. Jornal De Pediatria, 2021, 97, 546-551.	0.9	3
94	Paralisia bulbar progressiva juvenil doenÃ§a de Fazio-Londe: relato de caso. Arquivos De Neuro-Psiquiatria, 2002, 60, 830-834.	0.3	2
95	Peripheral Glucocorticoid Sensitivity in Children with Controlled Persistent Asthma. NeuroImmunoModulation, 2011, 18, 98-102.	0.9	2
96	Modified Shuttle Test Distance Correlates With Peak Oxygen Uptake in Children and Adolescents With Severe Therapy-Resistant Asthma. Frontiers in Physiology, 2019, 10, 1245.	1.3	2
97	Immunomodulatory effect of different extracts from Angiostrongylus cantonensis on airway inflammation in an allergic asthma model. Parasitology Research, 2020, 119, 3719-3728.	0.6	2
98	Continuous positive airway pressure acutely increases exercise duration in children with severe therapy-resistant asthma: a randomized crossover trial. World Journal of Pediatrics, 2021, 17, 189-196.	0.8	2
99	Management of asthma in childhood: study protocol of a systematic evidence update by the Paediatric Asthma in Real Life (PeARL) Think Tank. BMJ Open, 2021, 11, e048338.	0.8	2
100	AssociaÃ§Ã£o de bronquiolite obliterante pÃ³s-infecciosa e hemossiderose pulmonar na infÂncia. Jornal Brasileiro De Pneumologia, 2006, 32, 587-591.	0.4	2
101	AvaliaÃ§Ã£o dos nÃveis de alfabetismo em saÃºde, conhecimento em asma e qualidade de vida de pais associados ao controle da doenÃ§a em crianÃ§as e adolescentes com diagnÃ³stico de asma de centros especializados. Scientia Medica, 2021, 31, e38767.	0.1	1
102	Desenvolvimento e ValidaÃ§Ã£o do QuestionÃ¡rio de Conhecimento em Asma PediÃ¡trica (Q-CAP) para populaÃ§Ã£o brasileira. Scientia Medica, 2020, 30, 34765.	0.1	1
103	Comparison between the health-related quality of life of children/adolescents with asthma and that of their caregivers: a systematic review and meta-analysis. Jornal Brasileiro De Pneumologia, 2020, 46, e20190095-e20190095.	0.4	1
104	Assessment of theoretical and practical knowledge of asthma among guardians of children treated in primary care. Jornal Brasileiro De Pneumologia, 2020, 46, e20190147.	0.4	1
105	Diagnostic accuracy of a SARS-CoV-2 rapid test and optimal time for seropositivity according to the onset of symptoms. Cadernos De Saude Publica, 2022, 38, e00069921.	0.4	1
106	Specific Instruments to Assess Quality of Life in Children and Adolescents with Asthma. Jornal De Pediatria (VersÃ£o Em PortuguÃªs), 2013, 89, 217-225.	0.2	0
107	PoluiÃ§Ã£o do ar relacionada ao trÃ¡fego urbano e carbono preto em macrÃ³fagos de escarro: uma doenÃ§a pulmonar "silenciosa"?. Scientia Medica, 2014, 24, 165.	0.1	0
108	EducaÃ§Ã£o em asma: principais tÃ©cnicas adotadas em programas de intervenÃ§Ã£o. Scientia Medica, 2014, 24, 297.	0.1	0

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109	Immune response of toddlers with history of prematurity. Allergologia Et Immunopathologia, 2017, 45, 425-431.	1.0	0
110	Low dose treatment of mice with bacterial extract (OM-85) for attenuation of experimental atopic asthma in mice â€“ Reply. Allergologia Et Immunopathologia, 2018, 46, 206-207.	1.0	0
111	Diagnostic performance of the physical activity-related question of the GINA questionnaire to detect exercise-induced bronchoconstriction in asthma. Anales De PediatrÃa (English Edition), 2021, 95, 40-47.	0.1	0
112	Asma, rinite e atopia em escolares de duas cidades ambientalmente distintas: metrÃ³pole industrializada e regiÃ£o agrÃcola. Scientia Medica, 2019, 29, 34336.	0.1	0
113	Reply to: GINA 2021: Asthma in Pre-School Children and SABA-Only Treatment. American Journal of Respiratory and Critical Care Medicine, 2022, , .	2.5	0
114	FrequÃªncia de alteraÃ§Ãµes espiromÃ©tricas, aprisionamento aÃ©reo e hiperinsuflaÃ§Ã£o pulmonar em crianÃ§as e adolescentes com asma grave resistente Ã terapia. Scientia Medica, 2021, 31, e41296.	0.1	0