Anna S Pelkonen

List of Publications by Year
in descending order

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88 papers	2,340 citations	236912 25 h-index	243610 44 g-index
88 all docs	88 docs citations	88 times ranked	2400 citing authors

#	Article	IF	Citations
1	Airway Remodeling and Inflammation in Symptomatic Infants with Reversible Airflow Obstruction. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 722-727.	5.6	360
2	Clinical course and prognosis of cow's milk allergy are dependent on milk-specific IgE status. Journal of Allergy and Clinical Immunology, 2005, 116, 869-875.	2.9	249
3	Longitudinal Follow-up of Bronchial Inflammation, Respiratory Symptoms, and Pulmonary Function in Adolescents after Repair of Esophageal Atresia with Tracheoesophageal Fistula. Journal of Pediatrics, 2008, 153, 396-401.e1.	1.8	97
4	Human rhinovirus in bronchial epithelium of infants with recurrent respiratory symptoms. Journal of Allergy and Clinical Immunology, 2006, 118, 591-596.	2.9	78
5	Exerciseâ€induced changes in respiratory impedance in young wheezy children and nonatopic controls. Pediatric Pulmonology, 2008, 43, 538-544.	2.0	67
6	Neuroendocrine cell hyperplasia of infancy: a prospective follow-up of nine children. Archives of Disease in Childhood, 2013, 98, 141-144.	1.9	58
7	The prognosis of wheat hypersensitivity in children. Pediatric Allergy and Immunology, 2010, 21, e421-8.	2.6	51
8	Airway inflammation in probioticâ€treated children at 5â€ƒyears. Pediatric Allergy and Immunology, 2011, 22, 249-251.	2.6	51
9	High-Dose Vitamin D Supplementation Does Not Prevent Allergic Sensitization of Infants. Journal of Pediatrics, 2019, 209, 139-145.e1.	1.8	50
10	Lung function, airway remodelling and inflammation in symptomatic infants: outcome at 3 years. Thorax, 2011, 66, 157-162.	5.6	49
11	Outcome of oral immunotherapy for persistent cowâ€™s milk allergy from 11Âyears of experience in Finland. Pediatric Allergy and Immunology, 2019, 30, 356-362.	2.6	43
12	Effect of neonatal surfactant therapy on lung function at school age in children born very preterm. , 1998, 25, 182-190.		41
13	Exhaled nitric oxide and exerciseâ€induced bronchoconstriction in young wheezy children â€“ interactions with atopy. Pediatric Allergy and Immunology, 2009, 20, 673-678.	2.6	40
14	Bone Mineral Density in Children Treated With Daily or Periodical Inhaled Budesonide: The Helsinki Early Intervention Childhood Asthma Study. Pediatric Research, 2010, 68, 169-173.	2.3	40
15	Remodeling, inflammation and airway responsiveness in early childhood asthma. Current Opinion in Allergy and Clinical Immunology, 2013, 13, 203-210.	2.3	40
16	Maternal smoking affects lung function and airway inflammation in young children with multiple-trigger wheeze. Journal of Allergy and Clinical Immunology, 2013, 131, 730-735.	2.9	39
17	Allergy in children: practical recommendations of the Finnish Allergy Programme 2008â€“2018 for prevention, diagnosis, and treatment. Pediatric Allergy and Immunology, 2012, 23, 103-116.	2.6	34
18	Î±-Purothionin, a new wheat allergen associated with severe allergy. Journal of Allergy and Clinical Immunology, 2013, 132, 1000-1003.e4.	2.9	34

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19	Tidal flow variability measured by impedance pneumography relates to childhood asthma risk. European Respiratory Journal, 2016, 47, 1687-1696.	6.7	34
20	Markers of gut mucosal inflammation and cow's milk specific immunoglobulins in nonâ€IgE cow's milk allergy. Clinical and Translational Allergy, 2014, 4, 8.	3.2	33
21	The Finnish Allergy Program 2008-2018: Society-wide proactive program for change of management to mitigate allergy burden. Journal of Allergy and Clinical Immunology, 2021, 148, 319-326.e4.	2.9	32
22	Exhaled nitric oxide at school age in prematurely born infants with neonatal chronic lung disease*. Pediatric Pulmonology, 2002, 33, 347-355.	2.0	31
23	Chronic Comorbidities Contribute to the Burden and Costs of Persistent Asthma. Mediators of Inflammation, 2015, 2015, 1-7.	3.0	30
24	Lung function, airway remodeling, and inflammation in infants: outcome at 8 years. Annals of Allergy, Asthma and Immunology, 2015, 114, 90-96.e2.	1.0	30
25	Preschool oscillometry and lung function at adolescence in asthmatic children. Pediatric Pulmonology, 2015, 50, 1205-1213.	2.0	28
26	Reproducibility of home spirometry in children with newly diagnosed asthma. , 2000, 29, 34-38.		26
27	Measurement of tidal breathing flows in infants using impedance pneumography. European Respiratory Journal, 2017, 49, 1600926.	6.7	25
28	Small airway function in children with mild to moderate asthmatic symptoms. Annals of Allergy, Asthma and Immunology, 2018, 121, 451-457.	1.0	25
29	Multimorbidity in Asthma, Allergic Conditions and COPD Increase Disease Severity, Drug Use and Costs: The Finnish Pharmacy Survey. International Archives of Allergy and Immunology, 2019, 179, 273-280.	2.1	25
30	Biochemical, Biophysical and IgE-Epitope Characterization of the Wheat Food Allergen, Tri a 37. PLoS ONE, 2014, 9, e111483.	2.5	24
31	Acceptability, Reproducibility, and Sensitivity of Forced Expiratory Volumes and Peak Expiratory Flow During Bronchial Challenge Testing in Asthmatic Children. Chest, 2001, 120, 1843-1849.	0.8	22
32	Tidal breathing flow measurement in awake young children by using impedance pneumography. Journal of Applied Physiology, 2013, 115, 1725-1731.	2.5	22
33	The effect of montelukast on respiratory symptoms and lung function in wheezy infants. European Respiratory Journal, 2013, 41, 664-670.	6.7	21
34	The Value of Sputum 8-Isoprostane in Detecting Oxidative Stress in Mild Asthma. Journal of Asthma, 2008, 45, 149-154.	1.7	20
35	Factors associated with elevated exhaled nitric oxide fraction in infants with recurrent respiratory symptoms. European Respiratory Journal, 2013, 41, 189-194.	6.7	20
36	Jet nebulization of budesonide suspension into a neonatal ventilator circuit: Synchronized versus continuous nebulizer flow. , 1997, 24, 282-286.		19

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37	Ophthalmologic findings in children with asthma receiving inhaled budesonide. Journal of Allergy and Clinical Immunology, 2008, 122, 832-834.	2.9	19
38	Wheat oral immunotherapy was moderately successful but was associated with very frequent adverse events in children aged 6â€“18 years. Acta Paediatrica, International Journal of Paediatrics, 2018, 107, 861-870.	1.5	19
39	Can we use portable nitric oxide analyzer in young children?. Pediatric Pulmonology, 2011, 46, 627-631.	2.0	18
40	The effect of oral immunotherapy treatment in severe IgE mediated milk, peanut, and egg allergy in adults. Immunity, Inflammation and Disease, 2018, 6, 307-311.	2.7	18
41	Sensitivity of newly defined impulse oscillometry indices in preschool children. Pediatric Pulmonology, 2017, 52, 598-605.	2.0	17
42	Assessing direct and indirect airway hyperresponsiveness in children using impulse oscillometry. Annals of Allergy, Asthma and Immunology, 2014, 113, 166-172.	1.0	16
43	Abnormal lung function at preschool age asthma in adolescence?. Annals of Allergy, Asthma and Immunology, 2018, 120, 520-526.	1.0	16
44	Nocturnal Heart Rate Variability Spectrum Characterization in Preschool Children With Asthmatic Symptoms. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1332-1340.	6.3	16
45	Cow's Milkâ€“Associated Gastrointestinal Symptoms Evaluated Using the Doubleâ€Blind, Placeboâ€Controlled Food Challenge. Journal of Pediatric Gastroenterology and Nutrition, 2013, 57, 281-286.	1.8	15
46	Continuous versus intermittent inhaled corticosteroid (budesonide) for mild persistent asthma in childrenâ€"not too much, not too little: Figure 1. Thorax, 2012, 67, 100-102.	5.6	14
47	Small airway oscillometry indices: Repeatability and bronchodilator responsiveness in young children. Pediatric Pulmonology, 2017, 52, 1260-1267.	2.0	14
48	Salmeterol and fluticasone in young children with multiple-trigger wheeze. Annals of Allergy, Asthma and Immunology, 2012, 109, 65-70.	1.0	13
49	Skin Thickness in Children Treated With Daily or Periodical Inhaled Budesonide for Mild Persistent Asthma. The Helsinki Early Intervention Childhood Asthma Study. Pediatric Research, 2010, 67, 221-225.	2.3	12
50	Severe allergic reaction to gluten hydrolysate without reaction to wheat. Annals of Allergy, Asthma and Immunology, 2011, 106, 343-344.	1.0	12
51	Very low birth weight and respiratory outcome: association between airway inflammation and hyperresponsiveness. Annals of Allergy, Asthma and Immunology, 2013, 111, 96-101.	1.0	12
52	Aberrant small airways function relates to asthma severity in young children. Respiratory Medicine, 2016, 111, 16-20.	2.9	12
53	Environmental Tobacco Smoke Affects Lung Function of Preschoolers with Asthma Even after a Decade. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 534-536.	5.6	12
54	Symptom-based classification of wheeze: How does it work in infants?. Journal of Allergy and Clinical Immunology, 2011, 128, 1111-1112.e2.	2.9	11

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55	A History of Cowâ€™s Milk Allergy Is Associated with Lower Vitamin D Status in Schoolchildren. Hormone Research in Paediatrics, 2017, 88, 244-250.	1.8	11
56	Birch pollen allergen immunotherapy reprograms nasal epithelial transcriptome and recovers microbial diversity. Journal of Allergy and Clinical Immunology, 2019, 143, 2293-2296.e11.	2.9	11
57	Young children with moderateâ€toâ€severe atopic dermatitis can be treated safely and effectively with either topical tacrolimus or mild corticosteroids. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 550-556.	1.5	11
58	For hazelnut allergy, component testing of Cor a 9 and Cor a 14 is relevant also in birchâ€endemic areas. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2977-2980.	5.7	11
59	Molecularly defined adult-type hypolactasia in school-aged children with a previous history of cowâ€™s milk allergy. World Journal of Gastroenterology, 2006, 12, 2264.	3.3	10
60	Serum chitinaseâ€like protein YKLâ€40 is linked to small airway function in children with asthmatic symptoms. Pediatric Allergy and Immunology, 2019, 30, 803-809.	2.6	9
61	Patients with asthma or chronic obstructive pulmonary disease (COPD) can generate sufficient inspiratory flows via EasyhalerÂ® dry powder inhaler: a pooled analysis of two randomized controlled trials. Journal of Thoracic Disease, 2021, 13, 621-631.	1.4	9
62	Tidal breathing flow volume profiles during sleep in wheezing infants measured by impedance pneumography. Journal of Applied Physiology, 2019, 126, 1409-1418.	2.5	8
63	Airway hyperresponsiveness, remodeling and inflammation in infants with wheeze. Clinical and Experimental Allergy, 2020, 50, 558-566.	2.9	8
64	Impulse oscillometry and free-running tests for diagnosing asthma and monitoring lung function in young children. Annals of Allergy, Asthma and Immunology, 2021, 127, 326-333.	1.0	8
65	Safety of tacrolimus 0.03% and 0.1% ointments in young children with atopic dermatitis: a 36â€month followâ€up study. Clinical and Experimental Dermatology, 2022, 47, 889-902.	1.3	8
66	Does tidal exhaled nitric oxide reflect mucosal airway inflammation in infants?. Thorax, 2010, 65, 1027-1027.	5.6	7
67	Vitamin D, high-sensitivity C-reactive protein, and airway hyperresponsiveness in infants with recurrent respiratory symptoms. Annals of Allergy, Asthma and Immunology, 2017, 119, 227-231.	1.0	7
68	Airway hyperresponsiveness in young children with respiratory symptoms. Annals of Allergy, Asthma and Immunology, 2019, 122, 492-497.	1.0	7
69	Methacholineâ€induced lung function changes measured with infant body plethysmography. Pediatric Pulmonology, 2011, 46, 362-368.	2.0	6
70	Bronchoalveolar lavage in infants with recurrent lower respiratory symptoms. Clinical and Translational Allergy, 2014, 4, 35.	3.2	6
71	Switching to the Dry-Powder Inhaler EasyhalerÂ®: A Narrative Review of the Evidence. Pulmonary Therapy, 2021, 7, 409-427.	2.2	6
72	How mothers interact with children with suspected cow's milk allergy symptoms. Acta Paediatrica, International Journal of Paediatrics, 2013, 102, 1180-1185.	1.5	5

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73	How mothers perceive infants with unspecific gastrointestinal symptoms suggestive of cow's milk allergy?. Acta Paediatrica, International Journal of Paediatrics, 2014, 103, 524-528.	1.5	5
74	Realâ€world evidence of reduced disability costs during the Finnish Allergy Programme 2008â€“2018. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3817-3819.	5.7	5
75	The challenge of relaying the right public health messages in allergy. Pediatric Allergy and Immunology, 2012, 23, 102-102.	2.6	4
76	Children with wheat allergy usually tolerate oats. Pediatric Allergy and Immunology, 2019, 30, 855-857.	2.6	4
77	Early bronchial inflammation and remodeling and airway hyperresponsiveness at school age. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1765-1768.	5.7	4
78	Healthâ€related quality of life in patients who had partaken in milk oral immunotherapy and comparison to the general population. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 387-390.	5.7	3
79	Nonlinear Local Projection Filter for Impedance Pneumography. IFMBE Proceedings, 2018, , 306-309.	0.3	3
80	Improvement in lung function is associated with a decrease in serum soluble CD30 in atopic infants. Annals of Allergy, Asthma and Immunology, 2015, 114, 156-157.	1.0	2
81	Overweight and exerciseâ€induced bronchoconstriction â€“ Is there a link?. Pediatric Allergy and Immunology, 2021, 32, 992-998.	2.6	2
82	Expiratory variability index is associated with asthma risk, wheeze and lung function in infants with recurrent respiratory symptoms. ERJ Open Research, 2020, 6, 00167-2020.	2.6	2
83	Effective treatment of atopic dermatitis in small children significantly improves the quality of life of patients and their families. European Journal of Dermatology, 2021, 31, 791-797.	0.6	2
84	Turnip rapeseed does not worsen atopic eczema in most sensitized children. Pediatric Allergy and Immunology, 2014, 25, n/a-n/a.	2.6	1
85	Likelihood of Immediate Food Challenge Reactions Varies by Age, History, Allergens, and Levels of Sensitization. Pediatric, Allergy, Immunology, and Pulmonology, 2017, 30, 45-52.	0.8	1
86	Molecular and Immunological Characterization of Gamma Gliadins As Major Allergens in Wheat Food Allergy. Journal of Allergy and Clinical Immunology, 2016, 137, AB269.	2.9	0
87	Serum soluble TH cell activity markers and high-sensitivity C-reactive protein in multiple-trigger wheezers. Annals of Allergy, Asthma and Immunology, 2016, 117, 196-198.	1.0	0
88	Observational study of inhaled corticosteroid treatment for improved expiratory variability index in steroid-naive asthmatic children. ERJ Open Research, 2022, 8, 00499-2021.	2.6	0