List of Publications by Year in descending order

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FILEN THEVESSON

#	Article	IF	CITATIONS
1	Toward clinically applicable biomarkers for asthma: An <scp>EAACI</scp> position paper. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1835-1851.	5.7	135
2	Tumour necrosis factorâ€Î± interacts with biglycan and decorin. FEBS Letters, 2002, 530, 124-128.	2.8	107
3	Biglycan and decorin induce morphological and cytoskeletal changes involving signalling by the small GTPases RhoA and Rac1 resulting in lung fibroblast migration. Journal of Cell Science, 2003, 116, 4857-4864.	2.0	81
4	Altered matrix production in the distal airways of individuals with asthma. Thorax, 2010, 65, 670-676.	5.6	65
5	Exercise but not mannitol provocation increases urinary Clara cell protein (CC16) in elite swimmers. Respiratory Medicine, 2011, 105, 31-36.	2.9	64
6	Methodological improvements for measuring eicosanoids and cytokines in exhaled breath condensate. Respiratory Medicine, 2006, 100, 34-38.	2.9	62
7	The importance of fibroblasts in remodelling of the human uterine cervix during pregnancy and parturition. Molecular Human Reproduction, 2007, 13, 333-341.	2.8	60
8	Alteration of proteoglycan synthesis in human lung fibroblasts induced by interleukin-1? and tumor necrosis factor-?. , 2000, 77, 298-309.		59
9	Controlled and uncontrolled asthma display distinct alveolar tissue matrix compositions. Respiratory Research, 2014, 15, 67.	3.6	55
10	Lung function after extremely preterm birth—A populationâ€based cohort study (EXPRESS). Pediatric Pulmonology, 2018, 53, 64-72.	2.0	54
11	Presence of Activated Mobile Fibroblasts in Bronchoalveolar Lavage from Patients with Mild Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 1049-1056.	5.6	50
12	Hyperpnea-Induced Bronchoconstriction and Urinary CC16 Levels in Athletes. Medicine and Science in Sports and Exercise, 2011, 43, 1207-1213.	0.4	45
13	Patients with chronic obstructive pulmonary disease and chronically colonized with Haemophilus influenzae during stable disease phase have increased airway inflammation. International Journal of COPD, 2015, 10, 881.	2.3	38
14	Grading obstructive lung disease using tomographic pulmonary scintigraphy in patients with chronic obstructive pulmonary disease (COPD) and long-term smokers. Annals of Nuclear Medicine, 2015, 29, 91-99.	2.2	36
15	Revisiting the role of the mast cell in asthma. Current Opinion in Pulmonary Medicine, 2016, 22, 10-17.	2.6	36
16	Activation of plateletâ€derived growth factor pathway in human asthmatic pulmonaryâ€derived mesenchymal cells. Electrophoresis, 2003, 24, 276-285.	2.4	34
17	Flow-Volume Parameters in COPD Related to Extended Measurements of Lung Volume, Diffusion, and Resistance. Pulmonary Medicine, 2013, 2013, 1-10.	1.9	33
18	Biglycan isoforms with differences in polysaccharide substitution and core protein in human lung fibroblasts. FEBS Journal, 2002, 269, 3688-3696.	0.2	32

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19	Increase of club cell (Clara) protein (CC16) in plasma and urine after exercise challenge in asthmatics and healthy controls, and correlations to exhaled breath temperature and exhaled nitric oxide. Respiratory Medicine, 2013, 107, 1675-1681.	2.9	32
20	Proteome Annotations and Identifications of the Human Pulmonary Fibroblast. Journal of Proteome Research, 2004, 3, 525-537.	3.7	31
21	Oxidative Stress Attenuates TLR3 Responsiveness and Impairs Anti-viral Mechanisms in Bronchial Epithelial Cells From COPD and Asthma Patients. Frontiers in Immunology, 2019, 10, 2765.	4.8	31
22	Peripheral nitric oxide is increased in rhinitic patients with asthma compared to bronchial hyperresponsiveness. Respiratory Medicine, 2007, 101, 2321-2326.	2.9	30
23	Inflammatory Biomarkers in Sputum Predict COPD Exacerbations. Lung, 2013, 191, 413-416.	3.3	27
24	Nanocapillary liquid chromatography interfaced to tandem matrix-assisted laser desorption/ionization and electrospray ionization-mass spectrometry: Mapping the nuclear proteome of human fibroblasts. Electrophoresis, 2003, 24, 3806-3814.	2.4	26
25	Cysteinyl-leukotriene levels in sputum differentiate asthma from rhinitis patients with or without bronchial hyperresponsiveness. Clinical and Experimental Allergy, 2007, 37, 1067-1073.	2.9	26
26	Increased cysteinyl-leukotrienes and 8-isoprostane in exhaled breath condensate from systemic sclerosis patients. Rheumatology, 2010, 49, 2322-2326.	1.9	26
27	Exhaled Breath Temperature Increases after Exercise in Asthmatics and Controls. Respiration, 2012, 84, 283-290.	2.6	26
28	Azithromycin augments rhinovirus-induced IFNβ via cytosolic MDA5 in experimental models of asthma exacerbation. Oncotarget, 2017, 8, 31601-31611.	1.8	25
29	Allergic rhinitis with hyper-responsiveness differ from asthma in degree of peripheral obstruction during metacholine challenge test. Clinical Physiology and Functional Imaging, 2008, 28, 81-85.	1.2	24
30	Application of nitric oxide measurements in clinical conditions beyond asthma. European Clinical Respiratory Journal, 2015, 2, 28517.	1.5	24
31	Leukotriene receptors are differently expressed in fibroblast from peripheral versus central airways in asthmatics and healthy controls. Prostaglandins Leukotrienes and Essential Fatty Acids, 2011, 85, 67-73.	2.2	22
32	Comparison of central and peripheral airway involvement before and during methacholine, mannitol and eucapnic hyperventilation challenges in mild asthmatics. Clinical Respiratory Journal, 2011, 5, 10-18.	1.6	22
33	Inflammation and chronic colonization of Haemophilus influenzae in sputum in COPD patients related to the degree of emphysema and bronchiectasis in high-resolution computed tomography. International Journal of COPD, 2017, Volume 12, 3211-3219.	2.3	22
34	Endoplasmic reticulum, Golgi, and lysosomes are disorganized in lung fibroblasts from chronic obstructive pulmonary disease patients. Physiological Reports, 2018, 6, e13584.	1.7	22
35	Club cell protein (CC16) in plasma, bronchial brushes, BAL and urine following an inhaled allergen challenge in allergic asthmatics. Biomarkers, 2018, 23, 51-60.	1.9	19
36	The neutrophil-mobilizing cytokine interleukin-26 in the airways of long-term tobacco smokers. Clinical Science, 2018, 132, 959-983.	4.3	19

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37	Cognitive dysfunction and quality of life during pollen season in children with seasonal allergic rhinitis. Pediatric Allergy and Immunology, 2021, 32, 67-76.	2.6	19
38	Inducible nitric oxide synthase expression is increased in the alveolar compartment of asthmatic patients. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 627-635.	5.7	18
39	Osteopontin protects against pneumococcal infection in a murine model of allergic airway inflammation. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 663-674.	5.7	17
40	Splicosomal and serine and arginine-rich splicing factors as targets for TGF-β. Fibrogenesis and Tissue Repair, 2012, 5, 6.	3.4	16
41	Airway resistance and reactance are affected in systemic sclerosis. European Clinical Respiratory Journal, 2015, 2, 28667.	1.5	16
42	Acinar ventilation heterogeneity in COPD relates to diffusion capacity, resistance and reactance. Respiratory Medicine, 2016, 110, 28-33.	2.9	16
43	Clinical characteristics of the BREATHE cohort – a real-life study on patients with asthma and COPD. European Clinical Respiratory Journal, 2020, 7, 1736934.	1.5	16
44	Extended diagnostic criteria used for indirect challenge testing in elite asthmatic swimmers. Respiratory Medicine, 2012, 106, 15-24.	2.9	14
45	Allergen provocation tests in respiratory research: building on 50â€years of experience. European Respiratory Journal, 2022, 60, 2102782.	6.7	14
46	The added value of hybrid ventilation/perfusion SPECT/CT in patients with stable COPD or apparently healthy smokers. Cancer-suspected CT findings in the lungs are common when hybrid imaging is used. International Journal of COPD, 2014, 10, 25.	2.3	13
47	Evaluating the role of leukotriene-modifying drugs in asthma management: Are their benefits †losing in translation'?. Pulmonary Pharmacology and Therapeutics, 2016, 41, 52-59.	2.6	13
48	Human Primary Airway Basal Cells Display a Continuum of Molecular Phases from Health to Disease in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 103-113.	2.9	13
49	The Chloroplast Small Heat Shock Protein—Purification and Characterization of Pea Recombinant Protein. Protein Expression and Purification, 1998, 14, 87-96.	1.3	12
50	A new approach to assess COPD by identifying lung function break-points. International Journal of COPD, 2015, 10, 2193.	2.3	12
51	Bronchodilator response of advanced lung function parameters depending on COPD severity. International Journal of COPD, 2016, Volume 11, 2939-2950.	2.3	12
52	Perinatal inflammation relates to early respiratory morbidity and lung function at 12 years of age in children born very preterm. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 2084-2092.	1.5	12
53	Which Biomarkers Are Effective for Identifying Th2-Driven Inflammation in Asthma?. Current Allergy and Asthma Reports, 2013, 13, 477-486.	5.3	11
54	Urinary CC16 after challenge with dry air hyperpnoea and mannitol in recreational summer athletes. Respiratory Medicine, 2013, 107, 1837-1844.	2.9	11

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55	Levels of cysteinylâ€leukotrienes in exhaled breath condensate are not due to saliva contamination. Clinical Respiratory Journal, 2010, 4, 83-88.	1.6	10
56	Exhaled Breath Temperature in Asthmatics and Controls after Eucapnic Voluntary Hyperventilation and a Methacholine Challenge Test. Respiration, 2014, 87, 149-157.	2.6	10
57	The potential role of CD16 ^{high} CD62L ^{dim} neutrophils in the allergic asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2265-2268.	5.7	10
58	Sulfatase modifying factor 1 (SUMF1) is associated with Chronic Obstructive Pulmonary Disease. Respiratory Research, 2017, 18, 77.	3.6	9
59	Fractional exhaled breath temperature in patients with asthma, chronic obstructive pulmonary disease, or systemic sclerosis compared to healthy controls. European Clinical Respiratory Journal, 2020, 7, 1747014.	1.5	9
60	Withinâ€session reproducibility of forced oscillometry. Clinical Physiology and Functional Imaging, 2021, 41, 401-407.	1.2	9
61	Asthma symptoms, mannitol reactivity and exercise-induced bronchoconstriction in adolescent swimmers versus tennis players. Journal of Asthma and Allergy, 2017, Volume10, 249-260.	3.4	8
62	Enhanced local production of IL-26 in uncontrolled compared with controlled adult asthma. Journal of Allergy and Clinical Immunology, 2019, 144, 1134-1136.e10.	2.9	7
63	Inflammatory Markers in Blood and Exhaled Air after Short-Term Exposure to Cooking Fumes. Annals of Occupational Hygiene, 2012, 57, 230-9.	1.9	6
64	iNOS affects matrix production in distal lung fibroblasts from patients with mild asthma. Pulmonary Pharmacology and Therapeutics, 2015, 34, 64-71.	2.6	6
65	Sex differences in asthma in swimmers and tennis players. Annals of Allergy, Asthma and Immunology, 2017, 118, 311-317.	1.0	6
66	The Role of Airway Inflammation and Bronchial Hyperresponsiveness in Athlete's Asthma. Medicine and Science in Sports and Exercise, 2018, 50, 659-666.	0.4	6
67	Antimicrobial peptide LLâ€37 and its proâ€form, hCAP18, in desquamated epithelial cells of human whole saliva. European Journal of Oral Sciences, 2020, 128, 1-6.	1.5	6
68	The Efficiency Index (EFFi), based on volumetric capnography, may allow for simple diagnosis and grading of COPD. International Journal of COPD, 2018, Volume 13, 2033-2039.	2.3	5
69	An experimental exposure study revealing composite airway effects of physical exercise in a subzero environment. International Journal of Circumpolar Health, 2021, 80, 1897213.	1.2	5
70	Neutrophil phenotypes in bronchial airways differentiate single from dual responding allergic asthmatics. Clinical and Experimental Allergy, 2023, 53, 65-77.	2.9	5
71	Expression, activity and localization of lysosomal sulfatases in Chronic Obstructive Pulmonary Disease. Scientific Reports, 2019, 9, 1991.	3.3	4
72	<p>Type 2 Inflammatory Biomarker Response After Exercise Challenge Testing</p> . Journal of Asthma and Allergy, 2020, Volume 13, 269-274.	3.4	4

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73	Club cell secretory protein (CC16) in gastric fluid at birth and subsequent lung disease in preterm infants. Pediatric Pulmonology, 2018, 53, 1399-1406.	2.0	3
74	Lung function and pulmonary vascular resistance are not associated in 6â€yearâ€old children born extremely preterm. Acta Paediatrica, International Journal of Paediatrics, 2020, 109, 746-753.	1.5	3
75	A new role for "eat me―and "don't eat me―markers on neutrophils in asthmatic airway inflammation Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1510-1512.	¹ 5.7	3
76	Short term exposure to low amounts of airway irritants in a swine confinement building and inflammatory markers in blood and exhaled air. Annals of Agricultural and Environmental Medicine, 2014, 21, 479-484.	1.0	3
77	A new maximal bicycle test using a prediction algorithm developed from four large COPD studies. European Clinical Respiratory Journal, 2020, 7, 1692645.	1.5	2
78	Plasma proteome changes linked to late phase response after inhaled allergen challenge in asthmatics. Respiratory Research, 2022, 23, 50.	3.6	2
79	A breathing mask attenuates acute airway responses to exercise in sub-zero environment in healthy subjects. European Journal of Applied Physiology, 2022, , 1.	2.5	2
80	Single-nucleotide polymorphisms in the sulfatase-modifying factor 1 gene are associated with lung function and COPD. ERJ Open Research, 2022, 8, 00668-2021.	2.6	2
81	Antiproliferative heparan sulfate inhibiting hyaluronan and transforming growth factor-β expression in human lung fibroblast cells. Clinical Proteomics, 2004, 1, 271-284.	2.1	1
82	Reduced Variability of Endurance Time in New Protocols for Exercise Tests in COPD. International Journal of COPD, 2020, Volume 15, 3003-3012.	2.3	1
83	A new protocol for exercise testing in COPD; improved prediction algorithm for WMAX and validation of the endurance test in a placebo-controlled double bronchodilator study. Therapeutic Advances in Respiratory Disease, 2021, 15, 175346662110374.	2.6	1
84	A2.12â€Phenotype Changes of Blood Eosinophils Reflect Activity and Severity in Systemic Sclerosis. Annals of the Rheumatic Diseases, 2013, 72, A8.2-A9.	0.9	0
85	Cysteinyl–leukotriene and prostaglandin pathways in bronchial versus alveolar lavage in allergic asthmatics. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2549-2551.	5.7	0