## Celeste M Porsbjerg

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. Nature Genetics, 2009, 41, 342-347.	9.4	709
2	Endosonography vs Conventional Bronchoscopy for the Diagnosis of Sarcoidosis. JAMA - Journal of the American Medical Association, 2013, 309, 2457.	3.8	209
3	Coâ€morbidities in severe asthma: <scp>C</scp> linical impact and management. Respirology, 2017, 22, 651-661.	1.3	172
4	The Prevalence of Severe Asthma and Low Asthma Control Among Danish Adults. Journal of Allergy and Clinical Immunology: in Practice, 2014, 2, 759-767.e2.	2.0	127
5	A rare IL33 loss-of-function mutation reduces blood eosinophil counts and protects from asthma. PLoS Genetics, 2017, 13, e1006659.	1.5	126
6	Eosinophilic and Noneosinophilic Asthma. Chest, 2021, 160, 814-830.	0.4	109
7	Relationship between airway responsiveness to mannitol and to methacholine and markers of airway inflammation, peak flow variability and quality of life in asthma patients. Clinical and Experimental Allergy, 2008, 38, 43-50.	1.4	95
8	Inflammatory Subtypes in Asthma are Related to Airway Hyperresponsiveness to Mannitol and Exhaled NO. Journal of Asthma, 2009, 46, 606-612.	0.9	95
9	Risk Factors for Onset of Asthma. Chest, 2006, 129, 309-316.	0.4	93
10	Anti-alarmins in asthma: targeting the airway epithelium with next-generation biologics. European Respiratory Journal, 2020, 56, 2000260.	3.1	92
11	Eosinophilic airway inflammation in asthmatic patients is associated with an altered airway microbiome. Journal of Allergy and Clinical Immunology, 2017, 140, 407-417.e11.	1.5	89
12	European Respiratory Society guidelines for the diagnosis of asthma in adults. European Respiratory Journal, 2022, 60, 2101585.	3.1	84
13	Defining a Severe Asthma Super-Responder: Findings from a Delphi Process. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3997-4004.	2.0	74
14	Effects of Exercise and Diet in Nonobese Asthma Patients—A Randomized Controlled Trial. Journal of Allergy and Clinical Immunology: in Practice, 2018, 6, 803-811.	2.0	63
15	The effect of tezepelumab on airway hyperresponsiveness to mannitol in asthma (UPSTREAM). European Respiratory Journal, 2022, 59, 2101296.	3.1	63
16	Airway hyperresponsiveness to mannitol and methacholine and exhaled nitric oxide: AÂrandom-sample population study. Journal of Allergy and Clinical Immunology, 2010, 126, 952-958.	1.5	61
17	Identification of airway mucosal type 2 inflammation by using clinical biomarkers in asthmatic patients. Journal of Allergy and Clinical Immunology, 2017, 140, 710-719.	1.5	57
18	Characteristics and treatment regimens across ERS SHARP severe asthma registries. European Respiratory Journal, 2020, 55, 1901163.	3.1	56

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19	Asthma characteristics and biomarkers from the Airways Disease Endotyping for Personalized Therapeutics (ADEPT) longitudinal profiling study. Respiratory Research, 2015, 16, 142.	1.4	53
20	Environmental factors as a cause for the increase in allergic disease. Annals of Allergy, Asthma and Immunology, 2001, 87, 7-11.	0.5	52
21	Diagnostic properties of inhaled mannitol in the diagnosis of asthma: A population study. Journal of Allergy and Clinical Immunology, 2009, 124, 928-932.e1.	1.5	49
22	The Prevalence of Subtypes of Type 2 Inflammation in an Unselected Population of Patients with Severe Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1267-1275.	2.0	49
23	Long-term real-world effectiveness of allergy immunotherapy in patients with allergic rhinitis and asthma: Results from the REACT study, a retrospective cohort study Lancet Regional Health - Europe, The, 2022, 13, 100275.	3.0	48
24	Point-of-care procalcitonin test to reduce antibiotic exposure in patients hospitalized with acute exacerbation of COPD. International Journal of COPD, 2016, 11, 1381.	0.9	47
25	Differentiation of adult severe asthma from difficult-to-treat asthma – Outcomes of a systematic assessment protocol. Respiratory Medicine, 2018, 145, 41-47.	1.3	45
26	Descriptive analysis of long COVID sequela identified in a multidisciplinary clinic serving hospitalised and non-hospitalised patients. ERJ Open Research, 2021, 7, 00205-2021.	1.1	43
27	Real World Biologic Use and Switch Patterns in Severe Asthma: Data from the International Severe Asthma Registry and the US CHRONICLE Study. Journal of Asthma and Allergy, 2022, Volume 15, 63-78.	1.5	41
28	Bronchial provocation testing does not detect exercise-induced laryngeal obstruction. Journal of Asthma, 2017, 54, 77-83.	0.9	40
29	Nordic consensus statement on the systematic assessment and management of possible severe asthma in adults. European Clinical Respiratory Journal, 2018, 5, 1440868.	0.7	40
30	Development of the International Severe Asthma Registry (ISAR): A Modified Delphi Study. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 578-588.e2.	2.0	39
31	International Severe Asthma Registry. Chest, 2020, 157, 805-814.	0.4	38
32	Airway responsiveness to mannitol in asthma is associated with chymaseâ€positive mast cells and eosinophilic airway inflammation. Clinical and Experimental Allergy, 2016, 46, 288-297.	1.4	37
33	The value of exhaled nitric oxide to identify asthma in smoking patients with asthma-like symptoms. Respiratory Medicine, 2012, 106, 794-801.	1.3	35
34	Longitudinal stability of asthma characteristics and biomarkers from the Airways Disease Endotyping for Personalized Therapeutics (ADEPT) study. Respiratory Research, 2016, 17, 43.	1.4	35
35	Association between asthma-related phenotypes and the CC16 A38G polymorphism in an unselected population of young adult Danes. Immunogenetics, 2005, 57, 25-32.	1.2	33
36	Lung function impairment increases with age of diagnosis in adult onset asthma. Respiratory Medicine, 2015, 109, 821-827.	1.3	33

Celeste M Porsbjerg

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37	High fractional exhaled nitric oxide and sputum eosinophils are associated with an increased risk of future virusâ€induced exacerbations: A prospective cohort study. Clinical and Experimental Allergy, 2017, 47, 1007-1013.	1.4	32
38	Prevalence and predictors of atopy among young Danish adults. Clinical and Experimental Allergy, 2002, 32, 520-525.	1.4	31
39	The effect of smoking cessation on airway inflammation in young asthma patients. Clinical and Experimental Allergy, 2014, 44, 353-361.	1.4	31
40	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.	2.2	31
41	Systematic Assessment of Difficult-to-Treat Asthma: Principles and Perspectives. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 2222-2233.	2.0	31
42	Response to mannitol in asymptomatic subjects with airway hyper-responsiveness to methacholine. Clinical and Experimental Allergy, 2007, 37, 22-28.	1.4	30
43	The impact of dysfunctional breathing on the assessment of asthma control. Respiratory Medicine, 2017, 123, 42-47.	1.3	30
44	Treating severe asthma: Targeting the ILâ $\in$ 5 pathway. Clinical and Experimental Allergy, 2021, 51, 992-1005.	1.4	30
45	Impaired lung function is associated with systemic inflammation and macrophage activation. European Respiratory Journal, 2015, 45, 557-559.	3.1	29
46	International severe asthma registry (ISAR): protocol for a global registry. BMC Medical Research Methodology, 2020, 20, 212.	1.4	29
47	Diagnostic work-up in patients with possible asthma referred to a university hospital. European Clinical Respiratory Journal, 2015, 2, 27768.	0.7	28
48	Outcome in adulthood of asymptomatic airway hyperresponsiveness to histamine and exercise-induced bronchospasm in childhood. Annals of Allergy, Asthma and Immunology, 2005, 95, 137-142.	0.5	27
49	Factors associated with asthma in young Danish adults. Annals of Allergy, Asthma and Immunology, 2002, 89, 148-154.	0.5	26
50	Relationship between airway pathophysiology and airway inflammation in older asthmatics. Respirology, 2013, 18, n/a-n/a.	1.3	24
51	Smoking Cessation and the Microbiome in Induced Sputum Samples from Cigarette Smoking Asthma Patients. PLoS ONE, 2016, 11, e0158622.	1.1	24
52	Feasibility of high-intensity training in asthma. European Clinical Respiratory Journal, 2018, 5, 1468714.	0.7	24
53	The effect of Varenicline on smoking cessation in a group of young asthma patients. Respiratory Medicine, 2015, 109, 1416-1422.	1.3	23
54	The level of diagnostic assessment in severe asthma: A nationwide real-life study. Respiratory Medicine, 2017, 124, 21-29.	1.3	22

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55	Exhaled and nasal nitric oxide in chronic rhinosinusitis patients with nasal polyps in primary care. Rhinology, 2018, 56, 59-64.	0.7	22
56	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
57	Increase in the prevalence of rhinitis among Danish children from 1986 to 2001. Pediatric Allergy and Immunology, 2007, 18, 154-159.	1.1	21
58	Elevated blood eosinophils in acute COPD exacerbations: better short- and long-term prognosis. European Clinical Respiratory Journal, 2020, 7, 1757274.	0.7	21
59	Characteristics associated with clinical severity and inflammatory phenotype of naturally occurring virus-induced exacerbations of asthma in adults. Respiratory Medicine, 2017, 123, 34-41.	1.3	20
60	Allergen sensitization and allergen exposure in Greenlander Inuit residing in Denmark and Greenland. Respiratory Medicine, 2002, 96, 736-744.	1.3	19
61	Airborne pollen in Nuuk, Greenland, and the importance of meteorological parameters. Aerobiologia, 2003, 19, 29-37.	0.7	19
62	The use of inhaled mannitol in the diagnosis and management of asthma. Expert Opinion on Pharmacotherapy, 2012, 13, 115-123.	0.9	19
63	Allergic asthma is associated with increased risk of infections requiring antibiotics. Annals of Allergy, Asthma and Immunology, 2018, 120, 169-176.e1.	0.5	19
64	Physiological abnormalities in patients admitted with acute exacerbation of COPD: an observational study with continuous monitoring. Journal of Clinical Monitoring and Computing, 2020, 34, 1051-1060.	0.7	19
65	Association of airway hyperresponsiveness with reduced quality of life in patients with moderate to severe asthma. Annals of Allergy, Asthma and Immunology, 2007, 98, 44-50.	0.5	18
66	Predicting airway hyperreactivity to mannitol using exhaled nitric oxide in an unselected sample of adolescents and young adults. Respiratory Medicine, 2013, 107, 150-152.	1.3	17
67	Validation of ATS clinical practice guideline cut-points for FeNO in asthma. Respiratory Medicine, 2018, 144, 22-29.	1.3	17
68	Inhaled mannitol as a test for bronchial hyper-responsiveness. Expert Review of Respiratory Medicine, 2009, 3, 457-468.	1.0	16
69	Clinical characteristics of the BREATHE cohort – a real-life study on patients with asthma and COPD. European Clinical Respiratory Journal, 2020, 7, 1736934.	0.7	16
70	Genetic factors account for most of the variation in serum tryptase—a twin study. Annals of Allergy, Asthma and Immunology, 2013, 111, 286-289.	0.5	15
71	<scp>IL</scp> â€33 is related to innate immune activation and sensitization to <scp>HDM</scp> in mild steroidâ€free asthma. Clinical and Experimental Allergy, 2016, 46, 564-574.	1.4	15
72	The impact of dysfunctional breathing on the level of asthma control in difficult asthma. Respiratory Medicine, 2020, 163, 105894.	1.3	15

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73	Impact of former smoking exposure on airway eosinophilic activation and autoimmunity in patients with severe asthma. European Respiratory Journal, 2022, 60, 2102446.	3.1	15
74	Respiratory symptoms in Greenlanders living in Greenland and Denmark: a population-based study. Annals of Allergy, Asthma and Immunology, 2004, 93, 76-82.	0.5	14
75	The bronchial response to mannitol is attenuated by a previous methacholine test: but not vice versa. Clinical and Experimental Allergy, 2009, 39, 966-971.	1.4	14
76	Current and future use of the mannitol bronchial challenge in everyday clinical practice. Clinical Respiratory Journal, 2009, 3, 189-197.	0.6	14
77	Airway Interleukin-33 and type 2 cytokines in adult patients with acute asthma. Respiratory Medicine, 2018, 140, 50-56.	1.3	14
78	Chronic mucus hypersecretion: a marker of asthma in young adults?. Respiratory Medicine, 2005, 99, 1576-1582.	1.3	13
79	Airway hyperresponsiveness and development of lung function in adolescence and adulthood. Respiratory Medicine, 2014, 108, 752-757.	1.3	13
80	YKL-40 and genetic status of <i>CHI3L1</i> in a large group of asthmatics. European Clinical Respiratory Journal, 2015, 2, 25117.	0.7	13
81	Biomarkerâ€guided management reduces exacerbations in nonâ€eosinophilic asthma in pregnancy: A secondary analysis of a randomized controlled trial. Respirology, 2020, 25, 719-725.	1.3	13
82	Mast cell tryptase enhances wound healing by promoting migration in human bronchial epithelial cells. Cell Adhesion and Migration, 2021, 15, 202-214.	1.1	13
83	The usefulness of the mannitol challenge test for asthma. Expert Review of Respiratory Medicine, 2013, 7, 655-663.	1.0	12
84	Clinical characteristics of eosinophilic asthma exacerbations. Respirology, 2017, 22, 295-300.	1.3	12
85	House dust mite sensitization and exposure affects bronchial epithelial antiâ€microbial response to viral stimuli in patients with asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2498-2508.	2.7	12
86	A 3-year longitudinal study of asthma quality of life in undiagnosed and diagnosed asthma patients. International Journal of Tuberculosis and Lung Disease, 2007, 11, 463-9.	0.6	12
87	Real-world evidence: Methods for assessing long-term health and effectiveness of allergy immunotherapy. Journal of Allergy and Clinical Immunology, 2022, 149, 881-883.	1.5	12
88	Skin Test Reactivity Among Danish Children Measured 15 Years Apart. Journal of Asthma, 2006, 43, 151-153.	0.9	11
89	Associations of a novel IL4RA polymorphism, Ala57Thr, in Greenlander Inuit. Journal of Allergy and Clinical Immunology, 2006, 118, 627-634.	1.5	11
90	The importance of environment on respiratory genotype/phenotype relationships in the Inuit. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 229-237.	2.7	11

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91	<i>F</i> <sub>eNO</sub> -based asthma management results in faster improvement of airway hyperresponsiveness. ERJ Open Research, 2018, 4, 00147-2017.	1.1	11
92	Airway gene expression identifies subtypes of type 2 inflammation in severe asthma. Clinical and Experimental Allergy, 2022, 52, 59-69.	1.4	11
93	Environment Changes Genetic Effects on Respiratory Conditions and Allergic Phenotypes. Scientific Reports, 2017, 7, 6342.	1.6	10
94	Proactive Prophylaxis With Azithromycin and HydroxyChloroquine in Hospitalised Patients With COVID-19 (ProPAC-COVID): A structured summary of a study protocol for a randomised controlled trial. Trials, 2020, 21, 513.	0.7	10
95	SHARP: enabling generation of real-world evidence on a pan-European scale to improve the lives of individuals with severe asthma. ERJ Open Research, 2021, 7, 00064-2021.	1.1	10
96	Agreement between wireless and standard measurements of vital signs in acute exacerbation of chronic obstructive pulmonary disease: a clinical validation study. Physiological Measurement, 2021, 42, 055006.	1.2	10
97	Direct effects of mast cell proteases, tryptase and chymase, on bronchial epithelial integrity proteins and anti-viral responses. BMC Immunology, 2021, 22, 35.	0.9	10
98	Alternatives to exercise challenge for the objective assessment of exercise-induced bronchospasm: eucapnic voluntary hyperpnoea and the osmotic challenge tests. Breathe, 2010, 7, 52-63.	0.6	9
99	FENO and AHR mannitol in patients referred to an out-of-hospital asthma clinic: a real-life study. Journal of Asthma, 2014, 51, 411-416.	0.9	9
100	Combining the Mannitol Test and FeNO in the Assessment of Poorly Controlled Asthma. Journal of Allergy and Clinical Immunology: in Practice, 2015, 3, 553-559.	2.0	9
101	Twoâ€week inhalation of budesonide increases muscle Na,K ATPase content but not endurance in response to terbutaline in men. Scandinavian Journal of Medicine and Science in Sports, 2017, 27, 684-691.	1.3	9
102	Natural history of skin prick test reactivity. Annals of Allergy, Asthma and Immunology, 2017, 119, 184-188.e1.	0.5	9
103	Novel monoclonal treatments in severe asthma. Journal of Asthma, 2017, 54, 991-1011.	0.9	9
104	3TR: a pan-European cross-disease research consortium aimed at improving personalised biological treatment of asthma and COPD. European Respiratory Journal, 2021, 58, 2102168.	3.1	8
105	Phenotype and severity of asthma determines bronchial epithelial immune responses to a viral mimic. European Respiratory Journal, 2022, 60, 2102333.	3.1	8
106	Predictors of neutrophilic airway inflammation in young smokers with asthma. Journal of Asthma, 2014, 51, 341-347.	0.9	7
107	Emerging corticosteroid agonists for the treatment of asthma. Expert Opinion on Emerging Drugs, 2015, 20, 653-662.	1.0	7
108	Increased asthma and adipose tissue inflammatory gene expression with obesity and Inuit migration to a western country. Respiratory Medicine, 2016, 111, 8-15.	1.3	7

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109	Testing for Exercise-Induced Bronchoconstriction. Immunology and Allergy Clinics of North America, 2018, 38, 215-229.	0.7	7
110	Objective confirmation of asthma diagnosis improves medication adherence. Journal of Asthma, 2018, 55, 1262-1268.	0.9	7
111	NORDSTAR: paving the way for a new era in asthma research. European Respiratory Journal, 2020, 55, 1902476.	3.1	7
112	The Danish severe asthma register: an electronic platform for severe asthma management and research. European Clinical Respiratory Journal, 2021, 8, 1842117.	0.7	7
113	Profiling Bispebjerg Acute Cohort: Database Formation, Acute Contact Characteristics of a Metropolitan Hospital, and Comparisons to Urban and Rural Hospitals in Denmark. Clinical Epidemiology, 2022, Volume 14, 409-424.	1.5	7
114	A review of mometasone furoate/formoterol in the treatment of asthma. Expert Opinion on Pharmacotherapy, 2013, 14, 339-346.	0.9	6
115	The six-gene expression signature in whole sampled sputum provides clinically feasible inflammatory phenotyping of asthma. ERJ Open Research, 2020, 6, 00280-2019.	1.1	6
116	Automated cell differential count in sputum is feasible and comparable to manual cell count in identifying eosinophilia. Journal of Asthma, 2022, 59, 552-560.	0.9	6
117	Clinical impact of vital sign abnormalities in patients admitted with acute exacerbation of chronic obstructive pulmonary disease: an observational study using continuous wireless monitoring. Internal and Emergency Medicine, 2022, 17, 1689-1698.	1.0	6
118	Stability of FeNO and airway hyperresponsiveness to mannitol in untreated asthmatics. Journal of Asthma, 2017, 54, 530-536.	0.9	5
119	Eosinophilic airway diseases: basic science, clinical manifestations and future challenges. European Clinical Respiratory Journal, 2022, 9, 2040707.	0.7	5
120	Think twice – Diagnostic delay in a patient with acute chest pain. Respiratory Medicine Case Reports, 2016, 19, 94-97.	0.2	4
121	Inhaled Steroids and Active Smoking Drive Chronic Obstructive Pulmonary Disease Symptoms and Biomarkers to a Greater Degree Than Airflow Limitation. Biomarker Insights, 2017, 12, 117727191773030.	1.0	4
122	Airway hyperresponsiveness to mannitol improves in both type 2 high and type 2 low asthma after specialist management. Journal of Asthma, 2020, 58, 1-8.	0.9	4
123	Agreement Between Transcutaneous Monitoring and Arterial Blood Gases During COPD Exacerbation. Respiratory Care, 2021, 66, 1560-1566.	0.8	4
124	Airway Hyperresponsiveness to Inhaled Mannitol Identifies a Cluster of Noneosinophilic Asthma Patients with High Symptom Burden. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 4029-4036.e2.	2.0	4
125	The use of the mannitol test as an outcome measure in asthma intervention studies: a review and practical recommendations. Respiratory Research, 2021, 22, 287.	1.4	4
126	Predictors of Airway Hyperresponsiveness in Elite Athletes. Medicine and Science in Sports and Exercise, 2015, 47, 914-920.	0.2	3

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127	Bronchoscopic mucosal cryobiopsies as a method for studying airway disease. Clinical and Experimental Allergy, 2019, 49, 27-34.	1.4	3
128	Detecting immunoglobulins in processed sputa. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3798-3800.	2.7	3
129	Protocol for a multicentre randomised controlled trial to investigate the effect on asthma-related quality of life from breathing retraining in patients with incomplete asthma control attending specialist care in Denmark. BMJ Open, 2019, 9, e032984.	0.8	3
130	Imiquimod Boosts Interferon Response, and Decreases ACE2 and Pro-Inflammatory Response of Human Bronchial Epithelium in Asthma. Frontiers in Immunology, 2021, 12, 743890.	2.2	3
131	The level of specialist assessment of adult asthma is influenced by patient age. Respiratory Medicine, 2014, 108, 1453-1459.	1.3	2
132	P156â€Overuse of inhaled corticosteroids in asthma patients with concurrent exercise-induced laryngeal obstruction. Thorax, 2015, 70, A156.1-A156.	2.7	2
133	Emerging corticosteroid agonists for the treatment of asthma. Expert Opinion on Emerging Drugs, 2015, 20, 653-662.	1.0	2
134	Biomarkers of eosinophilic inflammation. , 2022, , 37-50.		2
135	Need for longitudinal studies to assess the real-world effectiveness of allergy immunotherapy in patients with allergic rhinitis and asthma – Authors´ reply. Lancet Regional Health - Europe, The, 2022, 17, 100388.	3.0	2
136	Breathing Exercises for Patients with Asthma in Specialist Care: A Multicenter Randomized Clinical Trial. Annals of the American Thoracic Society, 2022, 19, 1498-1506.	1.5	2
137	Treatment of Exercise-Induced Bronchoconstriction. Immunology and Allergy Clinics of North America, 2013, 33, 347-362.	0.7	1
138	Overweight in childhood and adolescence: Does it lead to airway hyperresponsiveness in adulthood?. Journal of Asthma, 2018, 55, 137-144.	0.9	1
139	Balancing treatment and side-effects in severe asthma: a patient and professional perspective. Breathe, 2021, 17, 210045.	0.6	1
140	Mucosal Cryobiopsies – A new Method for Studying Airway Pathology in Asthma. ERJ Open Research, 2022, 8, 00666-2021.	1.1	1
141	Airway hyperresponsiveness: the usefulness of airway hyperresponsiveness testing in epidemiology, in diagnosing asthma and in the assessment of asthma severity. Clinical Respiratory Journal, 2007, 1, 58-59.	0.6	О
142	Advancing the management of obstructive airways diseases through translational research. Clinical and Experimental Allergy, 2018, 48, 493-501.	1.4	0
143	Letter from Denmark. Respirology, 2020, 25, 903-904.	1.3	0
144	Missing sputum samples are common in asthma intervention studies and successful collection at follow-up is related to improvement in clinical outcomes. ERJ Open Research, 2022, 8, 00612-2021.	1.1	0