Philippe Devillier

List of Publications by Year in descending order

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124 papers 5,345 citations

57758 44 h-index 98798 67 g-index

138 all docs

138 docs citations

138 times ranked 4852 citing authors

#	Article	IF	CITATIONS
1	Next-generation Allergic Rhinitis and Its Impact on Asthma (ARIA) guidelines for allergic rhinitis based on Grading of Recommendations Assessment, Development and Evaluation (GRADE) and real-world evidence. Journal of Allergy and Clinical Immunology, 2020, 145, 70-80.e3.	2.9	272
2	Early onset of action of a 5-grass-pollen 300-IR sublingual immunotherapy tablet evaluated in an allergen challenge chamber. Journal of Allergy and Clinical Immunology, 2009, 124, 471-477.e1.	2.9	174
3	MACVIA-ARIA Sentinel Network for allergic rhinitis (MASK-rhinitis): the new generation guideline implementation. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 1372-1392.	5.7	160
4	Impact of Allergic Rhinitis Symptoms on Quality of Life in Primary Care. International Archives of Allergy and Immunology, 2013, 160, 393-400.	2.1	159
5	Integrated care pathways for airway diseases (AIRWAYS-ICPs). European Respiratory Journal, 2014, 44, 304-323.	6.7	154
6	Metabolomics of exhaled breath in critically ill COVID-19 patients: A pilot study. EBioMedicine, 2021, 63, 103154.	6.1	143
7	Visual analogue scale in patients treated for allergic rhinitis: an observational prospective study in primary care. Clinical and Experimental Allergy, 2013, 43, 881-888.	2.9	135
8	Sublingual immunotherapy provides longâ€term relief in allergic rhinitis and reduces the risk of asthma: A retrospective, realâ€world database analysis. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 165-177.	5.7	135
9	ARIA 2016: Care pathways implementing emerging technologies for predictive medicine in rhinitis and asthma across the life cycle. Clinical and Translational Allergy, 2016, 6, 47.	3.2	121
10	Pharmacological Characterization of Olodaterol, a Novel Inhaled \hat{l}^2 sub>2-Adrenoceptor Agonist Exerting a 24-Hour-Long Duration of Action in Preclinical Models. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 53-62.	2.5	106
11	MASK 2017: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma multimorbidity using real-world-evidence. Clinical and Translational Allergy, 2018, 8, 45.	3.2	104
12	Peptides and histamine release from rat peritoneal mast cells. European Journal of Pharmacology, 1985, 117, 89-96.	3.5	103
13	Allergic Rhinitis and its Impact on Asthma (ARIA) Phase 4 (2018): Change management in allergic rhinitis and asthma multimorbidity using mobile technology. Journal of Allergy and Clinical Immunology, 2019, 143, 864-879.	2.9	103
14	Mobile technology offers novel insights into the control and treatment of allergic rhinitis: The MASK study. Journal of Allergy and Clinical Immunology, 2019, 144, 135-143.e6.	2.9	101
15	Treatment of allergic rhinitis using mobile technology with realâ€world data: The <scp>MASK</scp> observational pilot study. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1763-1774.	5.7	94
16	Pilot study of mobile phone technology in allergic rhinitis in European countries: the <scp>MASK</scp> â€rhinitis study. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 857-865.	5.7	93
17	A meta-analysis of sublingual allergen immunotherapy and pharmacotherapy in pollen-induced seasonal allergic rhinoconjunctivitis. BMC Medicine, 2014, 12, 71.	5.5	90
18	Next-generation ARIA care pathways for rhinitis and asthma: a model for multimorbid chronic diseases. Clinical and Translational Allergy, 2019, 9, 44.	3.2	87

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19	Allergen exposure chambers: harmonizing current concepts and projecting the needs for the future – an <scp>EAACI</scp> Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1035-1042.	5.7	85
20	The expression and relaxant effect of bitter taste receptors in human bronchi. Respiratory Research, 2013, 14, 134.	3.6	82
21	Guidance to 2018 good practice: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma. Clinical and Translational Allergy, 2019, 9, 16.	3.2	81
22	Role of the N-terminal arginine in the histamine-releasing activity of substance P, bradykinin and related peptides. European Journal of Pharmacology, 1989, 168, 53-60.	3.5	80
23	The Allergic Rhinitis and its Impact on Asthma (ARIA) score of allergic rhinitis using mobile technology correlates with quality of life: The MASK study. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 505-510.	5.7	77
24	Adherence to treatment in allergic rhinitis using mobile technology. The <scp>MASK</scp> Study. Clinical and Experimental Allergy, 2019, 49, 442-460.	2.9	73
25	The Role of Toll-Like Receptors in the Production of Cytokines by Human Lung Macrophages. Journal of Innate Immunity, 2020, 12, 63-73.	3.8	73
26	Update on the roles of distal airways in COPD. European Respiratory Review, 2011, 20, 007-22.	7.1	70
27	Work productivity in rhinitis using cell phones: The <scp>MASK</scp> pilot study. Allergy: European Journal of Allergy and Clinical Immunology, 2017, 72, 1475-1484.	5.7	69
28	Daily allergic multimorbidity in rhinitis using mobile technology: A novel concept of the <scp>MASK</scp> study. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 1622-1631.	5.7	69
29	House dust mite sublingual immunotherapy is safe and appears to be effective in moderate, persistent asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 1181-1188.	5.7	68
30	How to design and evaluate randomized controlled trials in immunotherapy for allergic rhinitis: an ARIA-GA2LEN statement. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 765-774.	5.7	67
31	Small airway impairment in moderate to severe asthmatics without significant proximal airway obstruction. Respiratory Medicine, 2013, 107, 1667-1674.	2.9	65
32	Clinical Pharmacokinetics and Pharmacodynamics of Desloratadine, Fexofenadine and Levocetirizine. Clinical Pharmacokinetics, 2008, 47, 217-230.	3.5	64
33	Update on the roles of distal airways in asthma. European Respiratory Review, 2009, 18, 80-95.	7.1	61
34	Roflumilast inhibits the release of chemokines and TNFâ€Î± from human lung macrophages stimulated with lipopolysaccharide. British Journal of Pharmacology, 2012, 165, 1877-1890.	5.4	61
35	Efficacy and safety of sublingual tablets of houseÂdust mite allergen extracts: Results of a dose-ranging study in an environmental exposure chamber. Journal of Allergy and Clinical Immunology, 2016, 138, 451-458.e5.	2.9	53
36	<scp>ARIA</scp> pharmacy 2018 "Allergic rhinitis care pathways for community pharmacy― Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1219-1236.	5. 7	52

3

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37	The average Adjusted Symptom Score, a new primary efficacy endâ€point for specific allergen immunotherapy trials. Clinical and Experimental Allergy, 2011, 41, 1282-1288.	2.9	51
38	Analysis of allergen immunotherapy studies shows increased clinical efficacy in highly symptomatic patients. Allergy: European Journal of Allergy and Clinical Immunology, 2012, 67, 321-327.	5.7	51
39	Bitter Taste Receptors (TAS2Rs) in Human Lung Macrophages: Receptor Expression and Inhibitory Effects of TAS2R Agonists. Frontiers in Physiology, 2019, 10, 1267.	2.8	51
40	The allergen challenge chamber: a valuable tool for optimizing the clinical development of pollen immunotherapy. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 163-169.	5.7	49
41	Scaling up strategies of the chronic respiratory disease programme of the European Innovation Partnership on Active and Healthy Ageing (Action Plan B3: Area 5). Clinical and Translational Allergy, 2016, 6, 29.	3.2	47
42	Immunotherapy with grass pollen tablets reduces medication dispensing for allergic rhinitis and asthma: A retrospective database study in France. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1317-1326.	5.7	47
43	ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 168-190.	5.7	46
44	15â€Lipoxygenases regulate the production of chemokines in human lung macrophages. British Journal of Pharmacology, 2015, 172, 4319-4330.	5.4	45
45	Cannabinoids inhibit cholinergic contraction in human airways through prejunctional <scp>CB₁</scp> receptors. British Journal of Pharmacology, 2014, 171, 2767-2777.	5.4	42
46	Desloratadine improves quality of life and symptom severity in patients with allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 1331-1334.	5.7	38
47	Personalized medicine for allergy treatment: Allergen immunotherapy still a unique and unmatched model. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 1041-1052.	5.7	38
48	The minimally important difference in the Rhinoconjunctivitis Total Symptom Score in grass-pollen-induced allergic rhinoconjunctivitis. Allergy: European Journal of Allergy and Clinical Immunology, 2014, 69, 1689-1695.	5.7	35
49	Tiotropium reduction of lung inflammation in a model of chronic gastro-oesophageal reflux. European Respiratory Journal, 2010, 35, 1370-1376.	6.7	34
50	House dust mite sublingual immunotherapy is safe in patients with mildâ€ŧoâ€moderate, persistent asthma: a clinical trial. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 249-257.	5.7	34
51	Treatment of allergic rhinitis during and outside the pollen season using mobile technology. A MASK study. Clinical and Translational Allergy, 2020, 10, 62.	3.2	34
52	How can we minimise the use of regular oral corticosteroids in asthma?. European Respiratory Review, 2020, 29, 190085.	7.1	34
53	The role of adenosine receptors in regulating production of tumour necrosis factorâ€i± and chemokines by human lung macrophages. British Journal of Pharmacology, 2010, 159, 1304-1311.	5 . 4	33
54	Geolocation with respect to personal privacy for the Allergy Diary app - a MASK study. World Allergy Organization Journal, 2018, 11, 15.	3.5	33

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55	Correlation between work impairment, scores of rhinitis severity and asthma using the MASKâ€air [®] App. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1672-1688.	5.7	32
56	Development and validation of combined symptomâ€medication scores for allergic rhinitis*. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2147-2162.	5.7	32
57	In allergic rhinitis, work, classroom and activity impairments are weakly related to other outcome measures. Clinical and Experimental Allergy, 2016, 46, 1456-1464.	2.9	31
58	Placebo effects in allergen immunotherapy—An EAACI Task Force Position Paper. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 629-647.	5.7	31
59	Validity, reliability, and responsiveness of daily monitoring visual analog scales in MASKâ€air®. Clinical and Translational Allergy, 2021, 11, e12062.	3.2	31
60	Comparison of outcome measures in allergic rhinitis in children, adolescents and adults. Pediatric Allergy and Immunology, 2016, 27, 375-381.	2.6	30
61	Contrasting Effects of Adipokines on the Cytokine Production by Primary Human Bronchial Epithelial Cells: Inhibitory Effects of Adiponectin. Frontiers in Pharmacology, 2020, 11, 56.	3.5	25
62	Inhibition of the histamineâ€induced weal and flare response: a valid surrogate measure for antihistamine clinical efficacy?. Clinical and Experimental Allergy, 2007, 37, 400-414.	2.9	24
63	Clinical Relevance of Cluster Analysis in Phenotyping Allergic Rhinitis in a Real-Life Study. International Archives of Allergy and Immunology, 2015, 166, 231-240.	2.1	24
64	Allergy immunotherapy across the life cycle to promote active and healthy ageing: from research to policies. Clinical and Translational Allergy, 2016, 6, 41.	3.2	24
65	Grass pollen sublingual immunotherapy tablets provide long-term relief of grass pollen-associated allergic rhinitis and reduce the risk of asthma: findings from a retrospective, real-world database subanalysis. Expert Review of Clinical Immunology, 2017, 13, 1199-1206.	3.0	24
66	Roflumilast Inhibits Lipopolysaccharide-Induced Tumor Necrosis Factor-α and Chemokine Production by Human Lung Parenchyma. PLoS ONE, 2013, 8, e74640.	2.5	24
67	Desloratadine relieves nasal congestion and improves qualityâ€ofâ€ife in persistent allergic rhinitis. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 1663-1670.	5.7	23
68	Technical standards in allergen exposure chambers worldwide – an EAACI Task Force Report. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3589-3612.	5.7	23
69	<scp>CCR</scp> 10 ⁺ <scp>ILC</scp> 2s with <scp>ILC</scp> 1â€like properties exhibit a protective function in severe allergic asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 933-943.	5.7	22
70	Expression and function of human hemokinin-1 in human and guinea pig airways. Respiratory Research, 2010, 11, 139.	3.6	20
71	Allergen immunotherapy: what is the added value of real-world evidence from retrospective claims database studies?. Expert Review of Respiratory Medicine, 2020, 14, 445-452.	2.5	20
72	Muscarinic receptors involved in airway vascular leakage induced by experimental gastro-oesophageal reflux. Life Sciences, 2008, 82, 949-955.	4.3	18

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73	Human lung and monocyte-derived macrophages differ with regard to the effects of \hat{l}^2 2-adrenoceptor agonists on cytokine release. Respiratory Research, 2017, 18, 126.	3.6	18
74	Metabolic reprograming of LPS-stimulated human lung macrophages involves tryptophan metabolism and the aspartate-arginosuccinate shunt. PLoS ONE, 2020, 15, e0230813.	2.5	18
75	Comparison of the in vitro pharmacological profiles of long-acting muscarinic antagonists in human bronchus. Pulmonary Pharmacology and Therapeutics, 2018, 49, 46-53.	2.6	17
76	Google Trends and pollen concentrations in allergy and airway diseases in France. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1910-1919.	5.7	17
77	Adiponectin Inhibits the Production of TNF- \hat{l} ±, IL-6 and Chemokines by Human Lung Macrophages. Frontiers in Pharmacology, 2021, 12, 718929.	3.5	17
78	Behavioural patterns in allergic rhinitis medication in Europe: A study using MASKâ€air [®] realâ€world data. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 2699-2711.	5.7	17
79	TNF-α-induced CXCL8 production by A549 cells: Involvement of the non-neuronal cholinergic system. Pharmacological Research, 2013, 68, 16-23.	7.1	16
80	The longâ€acting β ₂ â€adrenoceptor agonist olodaterol attenuates pulmonary inflammation. British Journal of Pharmacology, 2015, 172, 3537-3547.	5.4	15
81	Home spirometry in bronchiolitis obliterans after allogeneic haematopoietic cell transplant. European Respiratory Journal, 2018, 52, 1702328.	6.7	14
82	Effects of allergen immunotherapy in the MASKâ€air study: a proofâ€ofâ€concept analysis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 3212-3214.	5.7	14
83	Metabolomics in the Diagnosis and Pharmacotherapy of Lung Diseases. Current Pharmaceutical Design, 2017, 23, 2050-2059.	1.9	14
84	Biomedical detection dogs for the identification of SARS-CoV-2 infections from axillary sweat and breath samples ^{**} . Journal of Breath Research, 2022, 16, 037101.	3.0	14
85	Comparing the new antihistamines: the role of pharmacological parameters. Clinical and Experimental Allergy, 2006, 36, 5-7.	2.9	13
86	Expression and proliferative effect of hemokinin-1 in human B-cells. Peptides, 2011, 32, 1027-1034.	2.4	13
87	Prevalence and reversibility of lung hyperinflation in adult asthmatics with poorly controlled disease or significant dyspnea. Allergy: European Journal of Allergy and Clinical Immunology, 2016, 71, 108-114.	5.7	13
88	Patient preference for chronic obstructive pulmonary disease (COPD) treatment inhalers: a discrete choice experiment in France. Current Medical Research and Opinion, 2019, 35, 785-792.	1.9	13
89	300 IR HDM tablet: a sublingual immunotherapy tablet for the treatment of house dust mite-associated allergic rhinitis. Expert Review of Clinical Immunology, 2016, 12, 1141-1151.	3.0	12
90	Tobacco-associated pulmonary vascular dysfunction in smokers: role of the ET-1 pathway. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 300, L831-L839.	2.9	11

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91	Characterization of V0162, a new long-acting antagonist at human M3 muscarinic acetylcholine receptors. Pharmacological Research, 2015, 100, 117-126.	7.1	11
92	Sialylated Fetuin-A as a candidate predictive biomarker for successful grass pollen allergen immunotherapy. Journal of Allergy and Clinical Immunology, 2017, 140, 759-770.e13.	2.9	11
93	Efficacy and safety of once-daily fluticasone furoate/vilanterol (FF/VI) versus twice-daily inhaled corticosteroids/long-acting \hat{I}^22 -agonists (ICS/LABA) in patients with uncontrolled asthma: An open-label, randomized, controlled trial. Respiratory Medicine, 2018, 141, 111-120.	2.9	11
94	Assessment of the Control of Allergic Rhinitis and Asthma Test (CARAT) using MASK-air. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 343-345.e2.	3.8	11
95	Is arginase a potential drug target in tobacco-induced pulmonary endothelial dysfunction?. Respiratory Research, 2015, 16, 46.	3.6	10
96	Determination of the minimally important difference in a nasal symptom score in house dust mite allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2191-2198.	5.7	10
97	Can β ₂ â€adrenoceptor agonists, anticholinergic drugs, and theophylline contribute to the control of pulmonary inflammation and emphysema in COPD?. Fundamental and Clinical Pharmacology, 2012, 26, 118-134.	1.9	9
98	V0162 a new long-acting bronchodilator for treatment of chronic obstructive lung diseases: preclinical and clinical results. Respiratory Research, 2015, 16, 68.	3.6	9
99	Limited treatment adaptation despite poor asthma control in asthma patients treated with inhaled corticosteroids. Journal of Asthma, 2016, 53, 76-85.	1.7	9
100	Chloroquine Inhibits the Release of Inflammatory Cytokines by Human Lung Explants. Clinical Infectious Diseases, 2020, 71, 2265-2268.	5.8	9
101	Allergen immunotherapy in MASKâ€air users in realâ€life: Results of a Bayesian mixedâ€effects model. Clinical and Translational Allergy, 2022, 12, e12128.	3.2	9
102	Oual versus triple therapy in patients hospitalized for COPD in France: a claims data study $\langle p \rangle$. International Journal of COPD, 2019, Volume 14, 1839-1854.	2.3	8
103	Efficacy of immunoglobulin replacement therapy and azithromycin in severe asthma with antibody deficiency. Allergology International, 2020, 69, 215-222.	3.3	8
104	Heterogeneity of the pharmacologic treatment of allergic rhinitis in Europe based on MIDAS and OTCims platforms. Clinical and Experimental Allergy, 2021, 51, 1033-1045.	2.9	8
105	Comparison of rhinitis treatments using <scp>MASK</scp> â€air® data and considering the minimal important difference. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 3002-3014.	5.7	8
106	Characterisation of enkephalinase (EC 3.4.24.11) activity on various leukemic cells expressing the common acute lymphocytic leukemia antigen (CALLA). FEBS Letters, 1989, 248, 123-126.	2.8	7
107	Methodological aspects of a meta-analysis of grass pollen allergen sublingual immunotherapy tablets. Journal of Allergy and Clinical Immunology, 2016, 138, 314-315.e4.	2.9	7
108	Roflumilast n-oxide associated with PGE2 prevents the neutrophil elastase-induced production of chemokines by epithelial cells. International Immunopharmacology, 2016, 30, 1-8.	3.8	7

7

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109	Comparison of scores associating symptoms and rescue medication use for evaluating the efficacy of allergy immunotherapy in seasonal allergic rhinoconjunctivitis: results from five trials. Clinical and Experimental Allergy, 2017, 47, 254-263.	2.9	7
110	Clinical efficacy of sublingual immunotherapy tablets for allergic rhinitis is unlikely to be derived from <i>in vitro</i> allergen-release data. Expert Review of Clinical Immunology, 2019, 15, 921-928.	3.0	7
111	Prostanoid Receptors Involved in Regulation of the Beating Rate of Neonatal Rat Cardiomyocytes. PLoS ONE, 2012, 7, e45273.	2.5	6
112	Prioritising outcomes for evaluating eosinophil-guided corticosteroid therapy among patients with acute COPD exacerbations requiring hospitalisation: a Delphi consensus study. BMJ Open, 2020, 10, e035811.	1.9	5
113	Determining the minimal important differences in the RQLQ score with grass and tree allergy immunotherapy versus placebo in adults with moderateâ€toâ€severe allergy. Allergy: European Journal of Allergy and Clinical Immunology, 2022, 77, 1843-1851.	5.7	5
114	In smokers, Sonic hedgehog modulates pulmonary endothelial function through vascular endothelial growth factor. Respiratory Research, 2017, 18, 102.	3.6	4
115	Clinical Relevance of the Anti-inflammatory Effects of Roflumilast on Human Bronchus: Potentiation by a Long-Acting Beta-2-Agonist. Frontiers in Pharmacology, 2020, 11, 598702.	3.5	4
116	Clinical relevance of the relaxant effects of roflumilast on human bronchus: potentiation by a longâ€acting betaâ€2â€agonist. Fundamental and Clinical Pharmacology, 2021, 35, 725-731.	1.9	4
117	Rhinite allergiqueÂ: Dymista®, une alternative thérapeutique. Revue Francaise D'allergologie, 2016, 56, 462-470.	0.2	1
118	Gamma globulin replacement therapy in uncontrolled, severe asthma associated with humoral immunodeficiency: A series of five case reports. Journal of Asthma, 2019, 56, 79-83.	1.7	1
119	Evaluating response to biologics in severe asthma: PrecisionÂor guesstimation?. Respiratory Medicine and Research, 2021, 80, 100813.	0.6	1
120	Letter to the editor. Clinical Therapeutics, 2007, 29, 2774-2775.	2.5	0
121	Response by P. Devillier, on behalf of the authors. Clinical and Experimental Allergy, 2012, 42, 806-806.	2.9	O
122	Allergic rhinitis treatment with sublingual immunotherapy. Journal of Pediatrics, 2015, 167, 1169-1172.	1.8	0
123	Granulomatous Lymphocytic Interstitial Lung Disease (GLILD) in Commun Variable Immuno Deficiency (CVID)., 2020,,.		0
124	Position paper of the French Society of Respiratory Diseases regarding pharmacological treatment optimization for stable COPD in 2021. Respiratory Medicine and Research, 2022, 81, 100889.	0.6	0