

# Peter A B Wark

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/323674/publications.pdf>

Version: 2024-02-01

264  
papers

13,929  
citations

18479

62  
h-index

27402

106  
g-index

311  
all docs

311  
docs citations

311  
times ranked

14723  
citing authors

#	ARTICLE	IF	CITATIONS
1	Asthmatic bronchial epithelial cells have a deficient innate immune response to infection with rhinovirus. <i>Journal of Experimental Medicine</i> , 2005, 201, 937-947.	8.5	1,105
2	Role of deficient type III interferon- $\gamma$ production in asthma exacerbations. <i>Nature Medicine</i> , 2006, 12, 1023-1026.	30.7	955
3	Effect of inulin on the human gut microbiota: stimulation of <i>Bifidobacterium adolescentis</i> and <i>Faecalibacterium prausnitzii</i> . <i>British Journal of Nutrition</i> , 2009, 101, 541-550.	2.3	675
4	Neutrophil degranulation and cell lysis is associated with clinical severity in virus-induced asthma. <i>European Respiratory Journal</i> , 2002, 19, 68-75.	6.7	331
5	Role for NLRP3 Inflammasome-mediated, IL-1 $\beta$ -Dependent Responses in Severe, Steroid-Resistant Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 283-297.	5.6	304
6	What is asthma-COPD overlap syndrome? Towards a consensus definition from a round table discussion. <i>European Respiratory Journal</i> , 2016, 48, 664-673.	6.7	287
7	Anti-inflammatory effect of itraconazole in stable allergic bronchopulmonary aspergillosis: A randomized controlled trial. <i>Journal of Allergy and Clinical Immunology</i> , 2003, 111, 952-957.	2.9	269
8	The Effect of Inhaled IFN- $\gamma$ on Worsening of Asthma Symptoms Caused by Viral Infections. A Randomized Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 145-154.	5.6	231
9	A new short-term mouse model of chronic obstructive pulmonary disease identifies a role for mast cell tryptase in pathogenesis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 752-762.e7.	2.9	210
10	Disease-associated gut microbiome and metabolome changes in patients with chronic obstructive pulmonary disease. <i>Nature Communications</i> , 2020, 11, 5886.	12.8	194
11	Treatable traits: a new paradigm for 21st century management of chronic airway diseases: Treatable Traits Down Under International Workshop report. <i>European Respiratory Journal</i> , 2019, 53, 1802058.	6.7	177
12	IFN- $\gamma$ -induced protein 10 is a novel biomarker of rhinovirus-induced asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 586-593.	2.9	157
13	Corticosteroid suppression of antiviral immunity increases bacterial loads and mucus production in COPD exacerbations. <i>Nature Communications</i> , 2018, 9, 2229.	12.8	153
14	Long-term efficacy and safety of $\alpha$ 1 proteinase inhibitor treatment for emphysema caused by severe $\alpha$ 1 antitrypsin deficiency: an open-label extension trial (RAPID-OLE). <i>Lancet Respiratory Medicine</i> , 2017, 5, 51-60.	10.7	151
15	Characteristics of a Widespread Community Cluster of H275Y Oseltamivir-Resistant A(H1N1)pdm09 Influenza in Australia. <i>Journal of Infectious Diseases</i> , 2012, 206, 148-157.	4.0	150
16	Effects of fruit and vegetable consumption on inflammatory biomarkers and immune cell populations: a systematic literature review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 136-155.	4.7	144
17	Serum amyloid A opposes lipoxin A <sub>4</sub> to mediate glucocorticoid refractory lung inflammation in chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 935-940.	7.1	140
18	Asthma exacerbations {middle dot} 3: Pathogenesis. <i>Thorax</i> , 2006, 61, 909-915.	5.6	139

#	ARTICLE	IF	CITATIONS
19	Rhinovirus exposure impairs immune responses to bacterial products in human alveolar macrophages. <i>Thorax</i> , 2008, 63, 519-525.	5.6	136
20	Treatable traits can be identified in a severe asthma registry and predict future exacerbations. <i>Respirology</i> , 2019, 24, 37-47.	2.3	136
21	Peripheral blood eosinophils: a surrogate marker for airway eosinophilia in stable COPD. <i>International Journal of COPD</i> , 2016, Volume 11, 1495-1504.	2.3	130
22	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. <i>Nature Medicine</i> , 2013, 19, 232-237.	30.7	127
23	Targeting PI3K-p110 $\alpha$ Suppresses Influenza Virus Infection in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 1012-1023.	5.6	126
24	Mepolizumab effectiveness and identification of super-responders in severe asthma. <i>European Respiratory Journal</i> , 2020, 55, 1902420.	6.7	124
25	Targeting treatable traits in severe asthma: a randomised controlled trial. <i>European Respiratory Journal</i> , 2020, 55, 1901509.	6.7	121
26	Soluble RAGE is deficient in neutrophilic asthma and COPD. <i>European Respiratory Journal</i> , 2012, 39, 721-729.	6.7	119
27	Antioxidant and Anti-Inflammatory Effects of Resveratrol in Airway Disease. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1535-1548.	5.4	117
28	Effects of Fruit and Vegetable Consumption on Risk of Asthma, Wheezing and Immune Responses: A Systematic Review and Meta-Analysis. <i>Nutrients</i> , 2017, 9, 341.	4.1	114
29	Understanding the mechanisms of viral induced asthma: New therapeutic directions. , 2008, 117, 313-353.		113
30	A multinational report to characterise SARS-CoV-2 infection in people with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 355-358.	0.7	113
31	Critical link between TRAIL and CCL20 for the activation of TH2 cells and the expression of allergic airway disease. <i>Nature Medicine</i> , 2007, 13, 1308-1315.	30.7	112
32	Phage Therapy of <i>Mycobacterium</i> Infections: Compassionate Use of Phages in 20 Patients With Drug-Resistant Mycobacterial Disease. <i>Clinical Infectious Diseases</i> , 2023, 76, 103-112.	5.8	109
33	MicroRNA Profiling Reveals a Role for MicroRNA-218-5p in the Pathogenesis of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 43-56.	5.6	108
34	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. <i>JCI Insight</i> , 2016, 1, .	5.0	100
35	Viral and bacterial infection in acute asthma and chronic obstructive pulmonary disease increases the risk of readmission. <i>Respirology</i> , 2013, 18, 996-1002.	2.3	99
36	Nebulised hypertonic saline for cystic fibrosis. <i>The Cochrane Library</i> , 2018, 2018, CD001506.	2.8	99

#	ARTICLE	IF	CITATIONS
37	MicroRNA-125a and -b inhibit A20 and MAVS to promote inflammation and impair antiviral response in COPD. JCI Insight, 2017, 2, e90443.	5.0	95
38	Toll-like receptor 7 governs interferon and inflammatory responses to rhinovirus and is suppressed by IL-5-induced lung eosinophilia. Thorax, 2015, 70, 854-861.	5.6	90
39	Nebulised hypertonic saline for cystic fibrosis. The Cochrane Library, 2009, , CD001506.	2.8	89
40	Induced Sputum 8-Isoprostane Concentrations in Inflammatory Airway Diseases. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 426-430.	5.6	87
41	Necroptosis Signaling Promotes Inflammation, Airway Remodeling, and Emphysema in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 667-681.	5.6	85
42	Diversity in the bronchial epithelial cell response to infection with different rhinovirus strains. Respiriology, 2009, 14, 180-186.	2.3	83
43	Mechanisms and Management of Asthma Exacerbations. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 423-432.	5.6	83
44	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. Journal of Pathology, 2017, 243, 510-523.	4.5	81
45	Predictive value of blood eosinophils and exhaled nitric oxide in adults with mild asthma: a prespecified subgroup analysis of an open-label, parallel-group, randomised controlled trial. Lancet Respiratory Medicine, 2020, 8, 671-680.	10.7	81
46	Chlamydia pneumoniae immunoglobulin A reactivation and airway inflammation in acute asthma. European Respiratory Journal, 2002, 20, 834-840.	6.7	80
47	Assessing the potential of liposomes loaded with curcumin as a therapeutic intervention in asthma. Colloids and Surfaces B: Biointerfaces, 2018, 172, 51-59.	5.0	79
48	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. Biomedicine and Pharmacotherapy, 2019, 109, 1785-1792.	5.6	79
49	RAGE: a new frontier in chronic airways disease. British Journal of Pharmacology, 2012, 167, 1161-1176.	5.4	76
50	The global impact of SARS-CoV-2 in 181 people with cystic fibrosis. Journal of Cystic Fibrosis, 2020, 19, 868-871.	0.7	74
51	Defining a Severe Asthma Super-Responder: Findings from a Delphi Process. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 3997-4004.	3.8	74
52	Critical Role of Constitutive Type I Interferon Response in Bronchial Epithelial Cell to Influenza Infection. PLoS ONE, 2012, 7, e32947.	2.5	72
53	The genetic and epigenetic landscapes of the epithelium in asthma. Respiratory Research, 2016, 17, 119.	3.6	72
54	Pregnant Women Have Attenuated Innate Interferon Responses to 2009 Pandemic Influenza A Virus Subtype H1N1. Journal of Infectious Diseases, 2012, 206, 646-653.	4.0	71

#	ARTICLE	IF	CITATIONS
55	Impaired type I and III interferon response to rhinovirus infection during pregnancy and asthma. <i>Thorax</i> , 2012, 67, 209-214.	5.6	70
56	RIPLET, and not TRIM25, is required for endogenous RIG-I-dependent antiviral responses. <i>Immunology and Cell Biology</i> , 2019, 97, 840-852.	2.3	70
57	Glucocorticosteroids Differentially Regulate MMP-9 and Neutrophil Elastase in COPD. <i>PLoS ONE</i> , 2012, 7, e33277.	2.5	69
58	Induced sputum eosinophils and neutrophils and bronchiectasis severity in allergic bronchopulmonary aspergillosis. <i>European Respiratory Journal</i> , 2000, 16, 1095-1101.	6.7	68
59	TLR3 and MDA5 signalling, although not expression, is impaired in asthmatic epithelial cells in response to rhinovirus infection. <i>Clinical and Experimental Allergy</i> , 2014, 44, 91-101.	2.9	68
60	Effectiveness and response predictors of omalizumab in a severe allergic asthma population with a high prevalence of comorbidities: the Australian Xolair Registry. <i>Internal Medicine Journal</i> , 2016, 46, 1054-1062.	0.8	68
61	Pathophysiology of severe asthma: We've only just started. <i>Respirology</i> , 2018, 23, 262-271.	2.3	68
62	Pathogenesis of allergic bronchopulmonary aspergillosis and an evidence-based review of azoles in treatment. <i>Respiratory Medicine</i> , 2004, 98, 915-923.	2.9	67
63	Viral infections trigger exacerbations of cystic fibrosis in adults and children: Figure 1. <i>European Respiratory Journal</i> , 2012, 40, 510-512.	6.7	67
64	Innate Immunity and Immune Evasion by Enterovirus 71. <i>Viruses</i> , 2015, 7, 6613-6630.	3.3	66
65	Azoles for allergic bronchopulmonary aspergillosis associated with asthma. <i>The Cochrane Library</i> , 2004, , CD001108.	2.8	65
66	A pathogenic role for tumor necrosis factor-related apoptosis-inducing ligand in chronic obstructive pulmonary disease. <i>Mucosal Immunology</i> , 2016, 9, 859-872.	6.0	63
67	Induced sputum IL-8 gene expression, neutrophil influx and MMP-9 in allergic bronchopulmonary aspergillosis. <i>European Respiratory Journal</i> , 2003, 21, 582-588.	6.7	61
68	Suppressor of cytokine signaling (SOCS)5 ameliorates influenza infection via inhibition of EGFR signaling. <i>ELife</i> , 2017, 6, .	6.0	61
69	Airway Epithelial Cell Immunity Is Delayed During Rhinovirus Infection in Asthma and COPD. <i>Frontiers in Immunology</i> , 2020, 11, 974.	4.8	60
70	Shared <i>Pseudomonas aeruginosa</i> genotypes are common in Australian cystic fibrosis centres. <i>European Respiratory Journal</i> , 2013, 41, 1091-1100.	6.7	59
71	ACE2 expression is elevated in airway epithelial cells from older and male healthy individuals but reduced in asthma. <i>Respirology</i> , 2021, 26, 442-451.	2.3	59
72	Down-titration from high-dose combination therapy in asthma: Removal of long-acting $\beta_2$ -agonist. <i>Respiratory Medicine</i> , 2010, 104, 1110-1120.	2.9	58

#	ARTICLE	IF	CITATIONS
73	Airway inflammation in thunderstorm asthma. <i>Clinical and Experimental Allergy</i> , 2002, 32, 1750-1756.	2.9	57
74	Antiviral immunity is impaired in COPD patients with frequent exacerbations. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 317, L893-L903.	2.9	57
75	Allergic bronchopulmonary aspergillosis: New concepts of pathogenesis and treatment. <i>Respirology</i> , 2001, 6, 1-7.	2.3	56
76	Airway Eosinophilia Is Associated with Wheeze But Is Uncommon in Children with Persistent Cough and Frequent Chest Colds. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 977-981.	5.6	55
77	Roles for T/B lymphocytes and ILC2s in experimental chronic obstructive pulmonary disease. <i>Journal of Leukocyte Biology</i> , 2018, 105, 143-150.	3.3	55
78	Novel immune genes associated with excessive inflammatory and antiviral responses to rhinovirus in COPD. <i>Respiratory Research</i> , 2013, 14, 15.	3.6	54
79	IL-22 and its receptors are increased in human and experimental COPD and contribute to pathogenesis. <i>European Respiratory Journal</i> , 2019, 54, 1800174.	6.7	54
80	A microRNA-21â€‘mediated SATB1/S100A9/NF-Î²B axis promotes chronic obstructive pulmonary disease pathogenesis. <i>Science Translational Medicine</i> , 2021, 13, eaav7223.	12.4	54
81	Low Rates of <i>Pseudomonas aeruginosa</i> Misidentification in Isolates from Cystic Fibrosis Patients. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1503-1509.	3.9	52
82	A Prospective Study of Respiratory Viral Infection in Pregnant Women With and Without Asthma. <i>Chest</i> , 2013, 144, 420-427.	0.8	52
83	Anti-inflammatory effects of long-chain<i>n</i>-3 PUFA in rhinovirus-infected cultured airway epithelial cells. <i>British Journal of Nutrition</i> , 2009, 101, 533-540.	2.3	51
84	Innate immune response to viral infection of the lungs. <i>Paediatric Respiratory Reviews</i> , 2008, 9, 243-250.	1.8	50
85	Differential injurious effects of ambient and trafficâ€‘derived particulate matter on airway epithelial cells. <i>Respirology</i> , 2015, 20, 73-79.	2.3	50
86	Severe asthma: Current management, targeted therapies and future directionsâ€‘A roundtable report. <i>Respirology</i> , 2017, 22, 53-60.	2.3	50
87	Allergic bronchopulmonary aspergillosis: New concepts of pathogenesis and treatment. <i>Respirology</i> , 2001, 6, 1-7.	2.3	50
88	Influenza A virus infection dysregulates the expression of microRNA-22 and its targets; CD147 and HDAC4, in epithelium of asthmatics. <i>Respiratory Research</i> , 2018, 19, 145.	3.6	47
89	Respiratory syncytial virus co-opts host mitochondrial function to favour infectious virus production. <i>ELife</i> , 2019, 8, .	6.0	47
90	Influenza Epidemiology, Vaccine Coverage and Vaccine Effectiveness in Children Admitted to Sentinel Australian Hospitals in 2017: Results from the PAEDS-FluCAN Collaboration. <i>Clinical Infectious Diseases</i> , 2019, 68, 940-948.	5.8	46

#	ARTICLE	IF	CITATIONS
91	Lycopene enrichment of cultured airway epithelial cells decreases the inflammation induced by rhinovirus infection and lipopolysaccharide. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 577-585.	4.2	44
92	Impaired Antiviral Stress Granule and IFN- $\beta$ Enhanceosome Formation Enhances Susceptibility to Influenza Infection in Chronic Obstructive Pulmonary Disease Epithelium. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 117-127.	2.9	44
93	Appropriate use of oral corticosteroids for severe asthma. <i>Medical Journal of Australia</i> , 2018, 209, S18-S21.	1.7	44
94	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020, 879, 173139.	3.5	44
95	Plasmacytoid Dendritic Cells and CD8 T Cells From Pregnant Women Show Altered Phenotype and Function Following H1N1/09 Infection. <i>Journal of Infectious Diseases</i> , 2013, 208, 1062-1070.	4.0	43
96	Platelet activating factor receptor regulates colitis-induced pulmonary inflammation through the NLRP3 inflammasome. <i>Mucosal Immunology</i> , 2019, 12, 862-873.	6.0	43
97	Use of induced sputum for the diagnosis of influenza and infections in asthma: a comparison of diagnostic techniques. <i>Journal of Clinical Virology</i> , 2003, 26, 339-346.	3.1	42
98	Multicentre audit of inpatient management of acute exacerbations of chronic obstructive pulmonary disease: comparison with clinical guidelines. <i>Internal Medicine Journal</i> , 2012, 42, 380-387.	0.8	42
99	Fibulin-1c regulates transforming growth factor $\beta$ 2 activation in pulmonary tissue fibrosis. <i>JCI Insight</i> , 2019, 4, .	5.0	42
100	Effectiveness of H1N1/09 monovalent and trivalent influenza vaccines against hospitalization with laboratory-confirmed H1N1/09 influenza in Australia: A test-negative case control study. <i>Vaccine</i> , 2011, 29, 7320-7325.	3.8	41
101	Influenza Vaccine Effectiveness against Hospitalisation with Confirmed Influenza in the 2010-11 Seasons: A Test-negative Observational Study. <i>PLoS ONE</i> , 2013, 8, e68760.	2.5	40
102	A randomised trial of hypertonic saline during hospitalisation for exacerbation of cystic fibrosis. <i>Thorax</i> , 2016, 71, 141-147.	5.6	40
103	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. <i>European Respiratory Journal</i> , 2020, 55, 1901340.	6.7	40
104	Understanding the Unfolded Protein Response in the Pathogenesis of Asthma. <i>Frontiers in Immunology</i> , 2018, 9, 175.	4.8	39
105	Acute oxygen therapy: a review of prescribing and delivery practices. <i>International Journal of COPD</i> , 2016, 11, 1067.	2.3	38
106	Repeated Vaccination Does Not Appear to Impact Upon Influenza Vaccine Effectiveness Against Hospitalization With Confirmed Influenza. <i>Clinical Infectious Diseases</i> , 2017, 64, 1564-1572.	5.8	38
107	Safety of sputum induction with isotonic saline in adults with acute severe asthma. <i>Clinical and Experimental Allergy</i> , 2001, 31, 1745-1753.	2.9	37
108	Human Influenza Is More Effective than Avian Influenza at Antiviral Suppression in Airway Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 44, 906-913.	2.9	37

#	ARTICLE	IF	CITATIONS
109	Hypoxia-inducible factor and bacterial infections in chronic obstructive pulmonary disease. <i>Respirology</i> , 2020, 25, 53-63.	2.3	37
110	Blocking Notch3 Signaling Abolishes MUC5AC Production in Airway Epithelial Cells from Individuals with Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 513-523.	2.9	36
111	Human coronaviruses 229E and OC43 replicate and induce distinct antiviral responses in differentiated primary human bronchial epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L926-L931.	2.9	36
112	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020, 317, 108947.	4.0	36
113	Nebulised hypertonic saline for cystic fibrosis. , 2005, , CD001506.		35
114	Assessing the unified airway hypothesis in children via transcriptional profiling of the airway epithelium. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1562-1573.	2.9	35
115	Adjusting prednisone using blood eosinophils reduces exacerbations and improves asthma control in difficult patients with asthma. <i>Respirology</i> , 2015, 20, 1282-1284.	2.3	33
116	Innate immunity to influenza in chronic airways diseases. <i>Respirology</i> , 2012, 17, 1166-1175.	2.3	32
117	Celastrol-loaded liquid crystalline nanoparticles as an anti-inflammatory intervention for the treatment of asthma. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 754-763.	3.4	32
118	The complex interplay between endoplasmic reticulum stress and the NLRP3 inflammasome: a potential therapeutic target for inflammatory disorders. <i>Clinical and Translational Immunology</i> , 2021, 10, e1247.	3.8	30
119	Clinical and physiological features of postinfectious chronic cough associated with H1N1 infection. <i>Respiratory Medicine</i> , 2012, 106, 138-144.	2.9	29
120	Targeted therapeutics for severe refractory asthma: monoclonal antibodies. <i>Expert Review of Clinical Pharmacology</i> , 2016, 9, 927-941.	3.1	28
121	CSF3R/CD114 mediates infection-dependent transition to severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 785-788.e6.	2.9	28
122	TLR5 is not required for flagellin-mediated exacerbation of DSS colitis. <i>Inflammatory Bowel Diseases</i> , 2010, 16, 401-409.	1.9	27
123	CD8 T cells and dendritic cells: key players in the attenuated maternal immune response to influenza infection. <i>Journal of Reproductive Immunology</i> , 2015, 107, 1-9.	1.9	27
124	Treatment burden, clinical outcomes, and comorbidities in COPD: an examination of the utility of medication regimen complexity index in COPD. <i>International Journal of COPD</i> , 2017, Volume 12, 2929-2942.	2.3	27
125	Preparation, characterization and in-vitro efficacy of quercetin loaded liquid crystalline nanoparticles for the treatment of asthma. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101297.	3.0	27
126	The social network of cystic fibrosis centre care and shared <i>Pseudomonas aeruginosa</i> strain infection: a cross-sectional analysis. <i>Lancet Respiratory Medicine</i> , the, 2015, 3, 640-650.	10.7	26



#	ARTICLE	IF	CITATIONS
127	Regulation of xanthine dehydrogenase gene expression and uric acid production in human airway epithelial cells. PLoS ONE, 2017, 12, e0184260.	2.5	25
128	Lumacaftor/ Ivacaftor improves exercise tolerance in patients with Cystic Fibrosis and severe airflow obstruction. BMC Pulmonary Medicine, 2019, 19, 106.	2.0	25
129	Induced sputum eosinophils in the assessment of asthma and chronic cough*. Respiriology, 2000, 5, 51-57.	2.3	24
130	Characterization of innate immune signalling receptors in virus-induced acute asthma. Clinical and Experimental Allergy, 2011, 41, 640-648.	2.9	24
131	Respiratory Viruses and Asthma. Seminars in Respiratory and Critical Care Medicine, 2018, 39, 045-055.	2.1	24
132	Persistent induction of goblet cell differentiation in the airways: Therapeutic approaches. , 2018, 185, 155-169.		24
133	Trends in asthma self-management skills and inhaled corticosteroid use during pregnancy and postpartum from 2004 to 2017. Journal of Asthma, 2019, 56, 594-602.	1.7	24
134	Clinical Usefulness of Inflammatory Markers in Asthma. Treatments in Respiratory Medicine, 2003, 2, 11-19.	1.2	23
135	Airway Defensin-1 Protein Is Elevated in COPD and Severe Asthma. Mediators of Inflammation, 2015, 2015, 1-8.	3.0	23
136	Asthma-COPD overlap: current understanding and the utility of experimental models. European Respiratory Review, 2021, 30, 190185.	7.1	23
137	Pathogenesis, clinical features of asthma COPD overlap, and therapeutic modalities. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L64-L83.	2.9	23
138	Alterations in inflammatory, antiviral and regulatory cytokine responses in peripheral blood mononuclear cells from pregnant women with asthma. Respiriology, 2013, 18, 827-833.	2.3	22
139	Dysregulation of endocytic machinery and ACE2 in small airways of smokers and COPD patients can augment their susceptibility to SARS-CoV-2 (COVID-19) infections. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 320, L158-L163.	2.9	22
140	Time-resolved proteomic profiling of cigarette smoke-induced experimental chronic obstructive pulmonary disease. Respiriology, 2021, 26, 960-973.	2.3	22
141	The Placental Protein Syncytin-1 Impairs Antiviral Responses and Exaggerates Inflammatory Responses to Influenza. PLoS ONE, 2015, 10, e0118629.	2.5	22
142	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2020, 20, 1590-1596.	1.2	22
143	Diagnosis and investigation in the severe asthma clinic. Expert Review of Respiratory Medicine, 2016, 10, 491-503.	2.5	21
144	Omalizumab Is an Effective Intervention in Severe Asthma with Fungal Sensitization. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 3428-3433.e1.	3.8	21

#	ARTICLE	IF	CITATIONS
145	Increased SARS-CoV-2 Infection, Protease, and Inflammatory Responses in Chronic Obstructive Pulmonary Disease Primary Bronchial Epithelial Cells Defined with Single-Cell RNA Sequencing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 206, 712-729.	5.6	21
146	Sputum transcriptomics implicates increased p38 signalling activity in severe asthma. <i>Respirology</i> , 2020, 25, 709-718.	2.3	20
147	Type 2 low asthma phenotypes by integration of sputum transcriptomics and serum proteomics. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 380-383.	5.7	20
148	Immunological axis of curcumin-loaded vesicular drug delivery systems. <i>Future Medicinal Chemistry</i> , 2018, 10, 839-844.	2.3	19
149	Hypersegmented airway neutrophils and its association with reduced lung function in adults with obstructive airway disease: an exploratory study. <i>BMJ Open</i> , 2019, 9, e024330.	1.9	18
150	Endoplasmic reticulum-unfolded protein response signalling is altered in severe eosinophilic and neutrophilic asthma. <i>Thorax</i> , 2022, 77, 443-451.	5.6	18
151	Influenza vaccine effectiveness against hospitalisation with influenza in adults in Australia in 2014. <i>Vaccine</i> , 2015, 33, 7352-7356.	3.8	17
152	Adverse roles of mast cell chymase-1 in COPD. <i>European Respiratory Journal</i> , 2022, 60, 2101431.	6.7	17
153	Microbiomic Analysis on Low Abundant Respiratory Biomass Samples; Improved Recovery of Microbial DNA From Bronchoalveolar Lavage Fluid. <i>Frontiers in Microbiology</i> , 2020, 11, 572504.	3.5	16
154	The effects of increasing fruit and vegetable intake in children with asthma: A randomized controlled trial. <i>Clinical and Experimental Allergy</i> , 2021, 51, 1144-1156.	2.9	16
155	TLR2-mediated innate immune priming boosts lung anti-viral immunity. <i>European Respiratory Journal</i> , 2021, 58, 2001584.	6.7	16
156	Lumacaftor/ivacaftor reduces exacerbations in adults homozygous for Phe508del mutation with severe lung disease. <i>Journal of Cystic Fibrosis</i> , 2020, 19, 415-420.	0.7	15
157	Mepolizumab and Oral Corticosteroid Stewardship: Data from the Australian Mepolizumab Registry. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 2715-2724.e5.	3.8	15
158	Transcriptomics of biopsies identifies novel genes and pathways linked to neutrophilic inflammation in severe asthma. <i>Clinical and Experimental Allergy</i> , 2021, 51, 1279-1294.	2.9	15
159	Factors associated with clinical progression to severe COVID-19 in people with cystic fibrosis: A global observational study. <i>Journal of Cystic Fibrosis</i> , 2022, 21, e221-e231.	0.7	15
160	World alliance against antibiotic resistance: The WAAAR declaration against antibiotic resistance. <i>Medicina Intensiva</i> , 2015, 39, 34-39.	0.7	14
161	Enhancing tristetraprolin activity reduces the severity of cigarette smoke-induced experimental chronic obstructive pulmonary disease. <i>Clinical and Translational Immunology</i> , 2019, 8, e01084.	3.8	14
162	Gasping for Sulfide: A Critical Appraisal of Hydrogen Sulfide in Lung Disease and Accelerated Aging. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 551-579.	5.4	14

#	ARTICLE	IF	CITATIONS
163	An altered sputum macrophage transcriptome contributes to the neutrophilic asthma endotype. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 1204-1215.	5.7	14
164	Influenza epidemiology in patients admitted to sentinel Australian hospitals in 2017: the Influenza Complications Alert Network (FluCAN). <i>Communicable Diseases Intelligence</i> (2018), 2019, 43, .	0.7	14
165	Asthma during pregnancy alters immune cell profile and airway epithelial chemokine release. <i>Inflammation Research</i> , 2010, 59, 349-358.	4.0	13
166	The interaction between mother and fetus and the development of allergic asthma. <i>Expert Review of Respiratory Medicine</i> , 2014, 8, 57-66.	2.5	13
167	Management of acute COPD exacerbations in Australia: do we follow the guidelines?. <i>ERJ Open Research</i> , 2020, 6, 00270-2019.	2.6	13
168	Rhinovirus-induced CCL17 and CCL22 in Asthma Exacerbations and Differential Regulation by STAT6. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 344-356.	2.9	13
169	Factors Associated with Asthma Exacerbations During Pregnancy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 4343-4352.e4.	3.8	13
170	Nasal epithelial cells to assess in vitro immune responses to respiratory virus infection in pregnant women with asthma. <i>Respiratory Research</i> , 2019, 20, 259.	3.6	12
171	Diagnosis and treatment of lung disease associated with alpha one antitrypsin deficiency: A position statement from the Thoracic Society of Australia and New Zealand*. <i>Respirology</i> , 2020, 25, 321-335.	2.3	12
172	SUPPLEMENTATION OF LONG CHAIN $\omega$ 3 POLYUNSATURATED FATTY ACIDS INCREASES THE UTILIZATION OF LYCOPENE IN CULTURED AIRWAY EPITHELIAL CELLS. <i>Journal of Food Lipids</i> , 2008, 15, 421-432.	1.0	11
173	Multi-centre ethics and research governance review can impede non-interventional clinical research. <i>Internal Medicine Journal</i> , 2019, 49, 722-728.	0.8	11
174	&lt;p&gt;A Sputum 6 Gene Expression Signature Predicts Inflammatory Phenotypes and Future Exacerbations of COPD&lt;/p&gt;. <i>International Journal of COPD</i> , 2020, Volume 15, 1577-1590.	2.3	10
175	Molecular markers of type 2 airway inflammation are similar between eosinophilic severe asthma and eosinophilic chronic obstructive pulmonary disease. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2079-2089.	5.7	10
176	Influenza epidemiology in patients admitted to sentinel Australian hospitals in 2018: the Influenza Complications Alert Network (FluCAN). <i>Communicable Diseases Intelligence</i> (2018), 2019, 43, .	0.7	10
177	Influenza epidemiology, vaccine coverage and vaccine effectiveness in sentinel Australian hospitals in 2012: the Influenza Complications Alert Network (FluCAN). <i>Communicable Diseases Intelligence</i> , 2013, 37, E246-52.	0.5	10
178	Developments in the field of allergy in 2010 through the eyes of <i>Clinical and Experimental Allergy</i>. <i>Clinical and Experimental Allergy</i> , 2011, 41, 1690-1710.	2.9	9
179	Bisphosphonate-related osteonecrosis of the jaw in non-malignant bone disease. <i>Rheumatology International</i> , 2013, 33, 2189-2198.	3.0	9
180	Advances in the treatment of virus-induced asthma. <i>Expert Review of Respiratory Medicine</i> , 2016, 10, 629-641.	2.5	9

#	ARTICLE	IF	CITATIONS
181	Six gene and TH2 signature expression in endobronchial biopsies of participants with asthma. <i>Immunity, Inflammation and Disease</i> , 2020, 8, 40-49.	2.7	9
182	Factors Associated with Nonadherence to Inhaled Corticosteroids for Asthma During Pregnancy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 1242-1252.e1.	3.8	9
183	COPD exacerbations: targeting IL-33 as a new therapy. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1213-1214.	10.7	9
184	IL-25 blockade augments antiviral immunity during respiratory virus infection. <i>Communications Biology</i> , 2022, 5, 415.	4.4	9
185	Hyperkalaemic ascending paralysis. <i>Journal of the Royal Society of Medicine</i> , 2004, 97, 330-331.	2.0	8
186	Why are people with asthma more susceptible to influenza?. <i>European Respiratory Journal</i> , 2019, 54, 1901748.	6.7	8
187	Children With Asthma Have Impaired Innate Immunity and Increased Numbers of Type 2 Innate Lymphoid Cells Compared With Healthy Controls. <i>Frontiers in Immunology</i> , 2021, 12, 664668.	4.8	8
188	Asthma, COPD and SARS-CoV-2 infection (COVID-19): potential mechanistic insights. <i>European Respiratory Journal</i> , 2021, 58, 2100920.	6.7	8
189	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an <i>in vitro</i> study. <i>Nanomedicine</i> , 2020, 15, 2955-2970.	3.3	8
190	Influenza epidemiology, vaccine coverage and vaccine effectiveness in sentinel Australian hospitals in 2013: the Influenza Complications Alert Network. <i>Communicable Diseases Intelligence</i> , 2014, 38, E143-9.	0.5	8
191	Airway and parenchymal transcriptomics in a novel model of asthma and COPD overlap. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 817-829.e6.	2.9	8
192	Use of biologics to treat acute exacerbations and manage disease in asthma, COPD and IPF. , 2017, 169, 1-12.		7
193	&lt;p&gt;Blood Neutrophils In COPD But Not Asthma Exhibit A Primed Phenotype With Downregulated CD62L Expression&lt;/p&gt;. <i>International Journal of COPD</i> , 2019, Volume 14, 2517-2525.	2.3	7
194	Severe Asthma Toolkit: an online resource for multidisciplinary health professionalsâ€™ needs assessment, development process and user analytics with survey feedback. <i>BMJ Open</i> , 2020, 10, e032877.	1.9	7
195	Avatar acceptability: views from the Australian Cystic Fibrosis community on the use of personalised organoid technology to guide treatment decisions. <i>ERJ Open Research</i> , 2021, 7, 00448-2020.	2.6	7
196	Hemopexin: A Novel Anti-inflammatory Marker for Distinguishing COPD From Asthma. <i>Allergy, Asthma and Immunology Research</i> , 2021, 13, 450.	2.9	7
197	Aim2 suppresses cigarette smokeâ€™induced neutrophil recruitment, neutrophil caspaseâ€™1 activation and antiâ€™Ly6Gâ€™mediated neutrophil depletion. <i>Immunology and Cell Biology</i> , 2022, 100, 235-249.	2.3	7
198	Optimization of sputum-processing methods for the measurement of interleukin-5: Effects of protease inhibition. <i>Respirology</i> , 2002, 7, 111-116.	2.3	6

#	ARTICLE	IF	CITATIONS
199	Viral and bacterial interactions in pneumonia. <i>Expert Review of Respiratory Medicine</i> , 2010, 4, 221-228.	2.5	6
200	Recent advances in understanding and managing asthma. <i>F1000Research</i> , 2016, 5, 2052.	1.6	6
201	&lt;p&gt;Understanding Cliniciansâ€™ Perceived Barriers and Facilitators to Optimal Use of Acute Oxygen Therapy in Adults&lt;/p&gt;. <i>International Journal of COPD</i> , 2020, Volume 15, 2275-2287.	2.3	6
202	Asthma and the Dysregulated Immune Response to Rhinovirus. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 157-159.	5.6	6
203	DX-890 (Dyax). <i>IDrugs: the Investigational Drugs Journal</i> , 2002, 5, 586-9.	0.7	6
204	The role of exhaled nitric oxide and exhaled breath condensates in evaluating airway inflammation in asthma. <i>Expert Opinion on Medical Diagnostics</i> , 2008, 2, 607-620.	1.6	5
205	Severe asthma assessment, management and the organisation of care in Australia and New Zealand: expert forum roundtable meetings. <i>Internal Medicine Journal</i> , 2021, 51, 169-180.	0.8	5
206	Eosinophilia as a treatable trait in three patients with asthma and COPD. <i>Respirology Case Reports</i> , 2018, 6, e00295.	0.6	4
207	PAT in the ER for Transmembrane Protein Folding. <i>Trends in Biochemical Sciences</i> , 2020, 45, 1007-1008.	7.5	4
208	We are not doing enough to prevent the spread of COVIDâ€19 and other respiratory viruses in Australian hospitals. <i>Medical Journal of Australia</i> , 2021, 215, 152.	1.7	4
209	Influenza epidemiology in patients admitted to sentinel Australian hospitals in 2016: the Influenza Complications Alert Network (FluCAN). <i>Communicable Diseases Intelligence</i> , 2017, 41, E337-E347.	0.5	4
210	Hyperkalaemic Ascending Paralysis. <i>Journal of the Royal Society of Medicine</i> , 2004, 97, 330-331.	2.0	3
211	Acute myocardial infarction in disseminated mucormycosis infection. <i>European Heart Journal</i> , 2016, 38, ehw517.	2.2	3
212	Redesign of the Australian Cystic Fibrosis Data Registry: A multidisciplinary collaboration. <i>Paediatric Respiratory Reviews</i> , 2021, 37, 37-43.	1.8	3
213	Mepolizumab asthma treatment failure due to refractory airway eosinophilia, which responded to benralizumab. <i>Respirology Case Reports</i> , 2021, 9, e00743.	0.6	3
214	Influenza epidemiology in adults admitted to sentinel Australian hospitals in 2014: the Influenza Complications Alert Network (FluCAN). <i>Communicable Diseases Intelligence</i> , 2015, 39, E355-60.	0.5	3
215	Influenza epidemiology in patients admitted to sentinel Australian hospitals in 2015: the Influenza Complications Alert Network. <i>Communicable Diseases Intelligence</i> , 2016, 40, E521-E526.	0.5	3
216	Pathways linked to unresolved inflammation and airway remodelling characterize the transcriptome in two independent severe asthma cohorts. <i>Respirology</i> , 2022, 27, 730-738.	2.3	3

#	ARTICLE	IF	CITATIONS
217	Airway inflammation in asthma, a single measurement is not enough. <i>Respirology</i> , 2012, 17, 393-394.	2.3	2
218	How the placenta makes pregnant women vulnerable to influenza (Flu). <i>Placenta</i> , 2014, 35, A64.	1.5	2
219	Impaired Th1 responses in patients with acute exacerbations of COPD are improved with PD-1 blockade. <i>Clinical Immunology</i> , 2018, 188, 64-66.	3.2	2
220	Serum prednisolone levels as a marker of oral corticosteroid adherence in severe asthma. <i>BMC Pulmonary Medicine</i> , 2020, 20, 228.	2.0	2
221	Contemporary Concise Review 2019: Asthma. <i>Respirology</i> , 2020, 25, 651-656.	2.3	2
222	Effect of oxidative stress and rhinovirus infection on mitochondrial/endoplasmic reticular function in human primary bronchial epithelial cells. , 2016, , .		2
223	Deficient antiviral responses to influenza in primary bronchial epithelial cells of chronic obstructive pulmonary disease. <i>Frontiers in Immunology</i> , 0, 4, .	4.8	2
224	Surveillance for severe influenza and COVID-19 in patients admitted to sentinel Australian hospitals in 2020: the Influenza Complications Alert Network (FluCAN). <i>Communicable Diseases Intelligence</i> (2018), 2022, 45, .	0.7	2
225	Mental health care needs in cystic fibrosis: A scoping review. <i>Social Work in Health Care</i> , 2022, 61, 108-122.	1.6	2
226	Tiotropium reduced exacerbations more than salmeterol in moderate-to-very severe COPD. <i>Annals of Internal Medicine</i> , 2011, 155, JC1-3.	3.9	1
227	Severe Nocardia pneumonia in an immunocompromised patient with alpha $\alpha$ 1 antitrypsin deficiency. <i>Respirology Case Reports</i> , 2020, 8, e00670.	0.6	1
228	Can blood eosinophils predict sputum eosinophils in stable COPD?. , 2015, , .		1
229	Bronchitis (acute). <i>Clinical Evidence</i> , 2011, 2011, .	0.2	1
230	Regional variation in prevalence of difficult-to-treat asthma and oral corticosteroid use for patients in Australia: heat map analysis. <i>Journal of Asthma</i> , 2023, 60, 727-736.	1.7	1
231	Guest Editorial. <i>Paediatric Respiratory Reviews</i> , 2008, 9, 233-235.	1.8	0
232	Flagellin exacerbates DSS induced Colitis via TLR5 independent mechanisms. <i>Inflammatory Bowel Diseases</i> , 2008, 14, S11.	1.9	0
233	ENHANCED CD147 EXPRESSION AFTER H1N1 INFECTION; A POTENTIAL MECHANISM FOR AIRWAY EPITHELIUM IMPAIRMENT IN ASTHMA. <i>Respirology</i> , 2017, 22, 17-17.	2.3	0
234	SPUTUM 6 GENE EXPRESSION SIGNATURE PREDICTS INFLAMMATORY PHENOTYPE OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE. <i>Respirology</i> , 2017, 22, 6-6.	2.3	0

#	ARTICLE	IF	CITATIONS
235	A new website to support dietary assessment in health research: Nutritools.org. European Journal of Public Health, 2017, 27, .	0.3	0
236	Developments in cystic fibrosis personalised epithelial assays: Science and patient perspectives. Journal of Cystic Fibrosis, 2018, 17, 289-291.	0.7	0
237	Systematic review and website presentation of validated dietary assessment tools. Proceedings of the Nutrition Society, 2018, 77, .	1.0	0
238	Pseudomonas pharyngitis in a cystic fibrosis patient. Respirology Case Reports, 2018, 6, e00325.	0.6	0
239	The interplay of the host, virus, and the environment. , 2019, , 169-194.		0
240	A survey of specialist opinions on biomarker use in severe asthma in Australia: scepticism but hope?. ERJ Open Research, 2020, 6, 00113-2020.	2.6	0
241	Dysregulated actin cytoskeleton associated with barrier dysfunction in asthma. FASEB Journal, 2021, 35, .	0.5	0
242	Acute Asthma. , 2022, , 278-295.		0
243	Safety concerns with salmeterol. Australian Prescriber, 2006, 29, 118-119.	1.0	0
244	Pathogenesis of ABPA. , 2009, , 695-706.		0
245	Respiratory Examination. , 2011, , 17-40.		0
246	Potential role of SPARC, a downstream mediator of TGF- $\beta$ in chronic airways disease. , 2015, , .		0
247	Micro-RNA-125a/b target A20 and MAVS to promote inflammatory and impair antiviral responses in chronic obstructive pulmonary disease. , 2016, , .		0
248	NLRP3 inflammasome-mediated, IL-1 $\beta$ -dependent inflammatory responses drive steroid-resistant asthma. , 2016, , .		0
249	A treatment algorithm adjusting oral corticosteroid using blood eosinophils reduces exacerbations and improves asthma control, in difficult asthmatics. , 2016, , .		0
250	A transcriptomic comparison between nasal and bronchial airway epithelia from children. , 2017, , .		0
251	Multidimensional assessment and targeted therapy of severe asthma: a randomised controlled trial (RCT). , 2017, , .		0
252	Mechanisms of impaired anti-bacterial Th1 responses in patients with chronic obstructive pulmonary disease. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
253	Identification of treatable traits in a severe asthma registry: prevalence and exacerbation predictors. , 2018, , .		0
254	Treatment with Omalizumab in adults with severe allergic reduces Fc?l expression on dendritic cells and improves antiviral responses. , 2019, , .		0
255	Sputum gene signature comparison study between U-BIOPRED and Australia asthma cohorts. , 2019, , .		0
256	Asthmatic airway epithelial cells subjected to apical mechanical stress exhibit suppressed interferon release following viral infection. , 2019, , .		0
257	Bronchitis (acute). Clinical Evidence, 2008, 2008, .	0.2	0
258	Bronchitis (acute). Clinical Evidence, 2015, 2015, .	0.2	0
259	Comparison of blood ILC2 cell numbers, phenotypes and proliferation between atopic severe asthma participants, healthy controls with atopy and non-atopic healthy controls. , 2020, , .		0
260	Omaliuzumab is an effective intervention in severe asthma with aspergillus sensitisation. , 2020, , .		0
261	Late Breaking Abstract - ACE2 expression in lower airway epithelial cells is increased with age and in males, but is less in asthma. , 2020, , .		0
262	Managing T2-High Inflammation in Severe Asthma - Are Biomarkers Better Than Clinician Judgement?. , 2020, , .		0
263	Understanding motivation for Australian adolescents and young adults with cystic fibrosis: Modifiable factors to support selfâ€management. Health and Social Care in the Community, 2022, , .	1.6	0
264	Influenza epidemiology in patients admitted to sentinel Australian hospitals in 2019: the Influenza Complications Alert Network FluCAN. Communicable Diseases Intelligence (2018), 2022, 46, .	0.7	0