

Peter A B Wark

List of Publications by Citations

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225
papers

9,802
citations

51
h-index

92
g-index

311
ext. papers

12,076
ext. citations

7
avg, IF

6.14
L-index

#	Paper	IF	Citations
225	Asthmatic bronchial epithelial cells have a deficient innate immune response to infection with rhinovirus. <i>Journal of Experimental Medicine</i> , 2005 , 201, 937-47	16.6	928
224	Role of deficient type III interferon-lambda production in asthma exacerbations. <i>Nature Medicine</i> , 2006 , 12, 1023-6	50.5	800
223	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, 541-50	3.6	551
222	Neutrophil degranulation and cell lysis is associated with clinical severity in virus-induced asthma. <i>European Respiratory Journal</i> , 2002 , 19, 68-75	13.6	283
221	What is asthma-COPD overlap syndrome? Towards a consensus definition from a round table discussion. <i>European Respiratory Journal</i> , 2016 , 48, 664-73	13.6	229
220	Anti-inflammatory effect of itraconazole in stable allergic bronchopulmonary aspergillosis: a randomized controlled trial. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 952-7	11.5	212
219	Role for NLRP3 Inflammasome-mediated, IL-1 β -Dependent Responses in Severe, Steroid-Resistant Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 283-297	10.2	206
218	The effect of inhaled IFN- γ on worsening of asthma symptoms caused by viral infections. A randomized trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 145-54	10.2	182
217	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, 752-62	11.5	165
216	IFN-gamma-induced protein 10 is a novel biomarker of rhinovirus-induced asthma exacerbations. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 120, 586-93	11.5	142
215	Characteristics of a widespread community cluster of H275Y oseltamivir-resistant A(H1N1)pdm09 influenza in Australia. <i>Journal of Infectious Diseases</i> , 2012 , 206, 148-57	7	127
214	Serum amyloid A opposes lipoxin A $_2$ 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, 935-40	11.5	122
213	Rhinovirus exposure impairs immune responses to bacterial products in human alveolar macrophages. <i>Thorax</i> , 2008 , 63, 519-25	7.3	115
212	Long-term efficacy and safety of α 1-proteinase inhibitor treatment for emphysema caused by severe α 1-antitrypsin deficiency: an open-label extension trial (RAPID-OLE). <i>Lancet Respiratory Medicine</i> , 2017 , 5, 51-60	35.1	112
211	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. <i>Nature Medicine</i> , 2013 , 19, 232-7	50.5	110
210	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, 1308-15	50.5	102
209	Asthma exacerbations . 3: Pathogenesis. <i>Thorax</i> , 2006 , 61, 909-15	7.3	102

208	Corticosteroid suppression of antiviral immunity increases bacterial loads and mucus production in COPD exacerbations. <i>Nature Communications</i> , 2018 , 9, 2229	17.4	100
207	Targeting PI3K-p110 β suppresses Influenza Virus Infection in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1012-23	10.2	99
206	Understanding the mechanisms of viral induced asthma: new therapeutic directions 2008 , 117, 313-53		99
205	Antioxidant and anti-inflammatory effects of resveratrol in airway disease. <i>Antioxidants and Redox Signaling</i> , 2010 , 13, 1535-48	8.4	98
204	Soluble RAGE is deficient in neutrophilic asthma and COPD. <i>European Respiratory Journal</i> , 2012 , 39, 721-23, 6	9.6	98
203	Peripheral blood eosinophils: a surrogate marker for airway eosinophilia in stable COPD. <i>International Journal of COPD</i> , 2016 , 11, 1495-504	3	98
202	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	10.2	90
201	Viral and bacterial infection in acute asthma and chronic obstructive pulmonary disease increases the risk of readmission. <i>Respirology</i> , 2013 , 18, 996-1002	3.6	82
200	Induced sputum 8-isoprostane concentrations in inflammatory airway diseases. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 426-30	10.2	82
199	Treatable traits can be identified in a severe asthma registry and predict future exacerbations. <i>Respirology</i> , 2019 , 24, 37-47	3.6	80
198	Nebulised hypertonic saline for cystic fibrosis. <i>The Cochrane Library</i> , 2009 , CD001506	5.2	79
197	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,	13.6	75
196	A multinational report to characterise SARS-CoV-2 infection in people with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020 , 19, 355-358	4.1	73
195	Diversity in the bronchial epithelial cell response to infection with different rhinovirus strains. <i>Respirology</i> , 2009 , 14, 180-6	3.6	73
194	Toll-like receptor 7 governs interferon and inflammatory responses to rhinovirus and is suppressed by IL-5-induced lung eosinophilia. <i>Thorax</i> , 2015 , 70, 854-61	7.3	72
193	Fibulin-1 regulates the pathogenesis of tissue remodeling in respiratory diseases. <i>JCI Insight</i> , 2016 , 1,	9.9	72
192	MicroRNA-125a and -b inhibit A20 and MAVS to promote inflammation and impair antiviral response in COPD. <i>JCI Insight</i> , 2017 , 2, e90443	9.9	70
191	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,	6.7	68

190	RAGE: a new frontier in chronic airways disease. <i>British Journal of Pharmacology</i> , 2012 , 167, 1161-76	8.6	67
189	Chlamydia pneumoniae immunoglobulin A reactivation and airway inflammation in acute asthma. <i>European Respiratory Journal</i> , 2002 , 20, 834-40	13.6	67
188	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	7	66
187	Airway remodelling and inflammation in asthma are dependent on the extracellular matrix protein fibulin-1c. <i>Journal of Pathology</i> , 2017 , 243, 510-523	9.4	60
186	Glucocorticosteroids differentially regulate MMP-9 and neutrophil elastase in COPD. <i>PLoS ONE</i> , 2012 , 7, e33277	3.7	58
185	Impaired type I and III interferon response to rhinovirus infection during pregnancy and asthma. <i>Thorax</i> , 2012 , 67, 209-14	7.3	57
184	Induced sputum eosinophils and neutrophils and bronchiectasis severity in allergic bronchopulmonary aspergillosis. <i>European Respiratory Journal</i> , 2000 , 16, 1095-101	13.6	57
183	Critical role of constitutive type I interferon response in bronchial epithelial cell to influenza infection. <i>PLoS ONE</i> , 2012 , 7, e32947	3.7	56
182	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	4.1	55
181	Disease-associated gut microbiome and metabolome changes in patients with chronic obstructive pulmonary disease. <i>Nature Communications</i> , 2020 , 11, 5886	17.4	55
180	Pregnant women have attenuated innate interferon responses to 2009 pandemic influenza A virus subtype H1N1. <i>Journal of Infectious Diseases</i> , 2012 , 206, 646-53	7	53
179	Molecular modulators of celastrol as the keystones for its diverse pharmacological activities. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1785-1792	7.5	53
178	Induced sputum IL-8 gene expression, neutrophil influx and MMP-9 in allergic bronchopulmonary aspergillosis. <i>European Respiratory Journal</i> , 2003 , 21, 582-8	13.6	52
177	The genetic and epigenetic landscapes of the epithelium in asthma. <i>Respiratory Research</i> , 2016 , 17, 119	7.3	52
176	Viral infections trigger exacerbations of cystic fibrosis in adults and children. <i>European Respiratory Journal</i> , 2012 , 40, 510-2	13.6	51
175	Allergic bronchopulmonary aspergillosis: New concepts of pathogenesis and treatment. <i>Respirology</i> , 2001 , 6, 1-7	3.6	51
174	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, 977-81	10.2	50
173	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, 1054-62	1.6	49

172	Innate Immunity and Immune Evasion by Enterovirus 71. <i>Viruses</i> , 2015 , 7, 6613-30	6.2	49
171	Down-titration from high-dose combination therapy in asthma: Removal of long-acting beta(2)-agonist. <i>Respiratory Medicine</i> , 2010 , 104, 1110-20	4.6	49
170	Pathophysiology of severe asthma: We've only just started. <i>Respirology</i> , 2018 , 23, 262-271	3.6	48
169	Shared <i>Pseudomonas aeruginosa</i> genotypes are common in Australian cystic fibrosis centres. <i>European Respiratory Journal</i> , 2013 , 41, 1091-100	13.6	48
168	Airway inflammation in thunderstorm asthma. <i>Clinical and Experimental Allergy</i> , 2002 , 32, 1750-6	4.1	48
167	Assessing the potential of liposomes loaded with curcumin as a therapeutic intervention in asthma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 172, 51-59	6	47
166	Pathogenesis of allergic bronchopulmonary aspergillosis and an evidence-based review of azoles in treatment. <i>Respiratory Medicine</i> , 2004 , 98, 915-23	4.6	47
165	Differential injurious effects of ambient and traffic-derived particulate matter on airway epithelial cells. <i>Respirology</i> , 2015 , 20, 73-9	3.6	46
164	A pathogenic role for tumor necrosis factor-related apoptosis-inducing ligand in chronic obstructive pulmonary disease. <i>Mucosal Immunology</i> , 2016 , 9, 859-72	9.2	46
163	Mepolizumab effectiveness and identification of super-responders in severe asthma. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	45
162	RIPLET, and not TRIM25, is required for endogenous RIG-I-dependent antiviral responses. <i>Immunology and Cell Biology</i> , 2019 , 97, 840-852	5	45
161	Innate immune response to viral infection of the lungs. <i>Paediatric Respiratory Reviews</i> , 2008 , 9, 243-50	4.8	45
160	Suppressor of cytokine signaling (SOCS)5 ameliorates influenza infection via inhibition of EGFR signaling. <i>ELife</i> , 2017 , 6,	8.9	45
159	Azoles for allergic bronchopulmonary aspergillosis associated with asthma. <i>The Cochrane Library</i> , 2004 , CD001108	5.2	44
158	Targeting treatable traits in severe asthma: a randomised controlled trial. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	44
157	Low rates of <i>Pseudomonas aeruginosa</i> misidentification in isolates from cystic fibrosis patients. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 1503-9	9.7	41
156	Anti-inflammatory effects of long-chain n-3 PUFA in rhinovirus-infected cultured airway epithelial cells. <i>British Journal of Nutrition</i> , 2009 , 101, 533-40	3.6	41
155	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. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 671-680	35.1	40

154	Novel immune genes associated with excessive inflammatory and antiviral responses to rhinovirus in COPD. <i>Respiratory Research</i> , 2013 , 14, 15	7.3	40
153	Allergic bronchopulmonary aspergillosis: new concepts of pathogenesis and treatment. <i>Respirology</i> , 2001 , 6, 1-7	3.6	39
152	Severe asthma: Current management, targeted therapies and future directions-A roundtable report. <i>Respirology</i> , 2017 , 22, 53-60	3.6	37
151	Multicentre audit of inpatient management of acute exacerbations of chronic obstructive pulmonary disease: comparison with clinical guidelines. <i>Internal Medicine Journal</i> , 2012 , 42, 380-7	1.6	37
150	Lycopene enrichment of cultured airway epithelial cells decreases the inflammation induced by rhinovirus infection and lipopolysaccharide. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 577-85	6.3	37
149	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, 339-46	14.5	37
148	A prospective study of respiratory viral infection in pregnant women with and without asthma. <i>Chest</i> , 2013 , 144, 420-427	5.3	36
147	The global impact of SARS-CoV-2 in 181 people with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2020 , 19, 868-871	4.1	34
146	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	7.3	34
145	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	3.7	34
144	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, 7320-5	4.1	34
143	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	11.6	33
142	A randomised trial of hypertonic saline during hospitalisation for exacerbation of cystic fibrosis. <i>Thorax</i> , 2016 , 71, 141-7	7.3	33
141	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	11.6	33
140	Impaired Antiviral Stress Granule and IFN-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, 117-27	5.7	32
139	Mechanisms and Management of Asthma Exacerbations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 423-432	10.2	32
138	Nebulised hypertonic saline for cystic fibrosis. <i>The Cochrane Library</i> , 2018 , 9, CD001506	5.2	32
137	Platelet activating factor receptor regulates colitis-induced pulmonary inflammation through the NLRP3 inflammasome. <i>Mucosal Immunology</i> , 2019 , 12, 862-873	9.2	31

136	Nebulised hypertonic saline for cystic fibrosis. <i>Cochrane Database of Systematic Reviews</i> , 2005 , CD001506		31
135	Roles for T/B lymphocytes and ILC2s in experimental chronic obstructive pulmonary disease. <i>Journal of Leukocyte Biology</i> , 2019 , 105, 143-150	6.5	31
134	Appropriate use of oral corticosteroids for severe asthma. <i>Medical Journal of Australia</i> , 2018 , 209, S18-S21		31
133	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	3.6	30
132	Molecular mechanisms of action of naringenin in chronic airway diseases. <i>European Journal of Pharmacology</i> , 2020 , 879, 173139	5.3	29
131	Understanding the Unfolded Protein Response in the Pathogenesis of Asthma. <i>Frontiers in Immunology</i> , 2018 , 9, 175	8.4	29
130	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	5.8	28
129	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, 906-13	5.7	28
128	Safety of sputum induction with isotonic saline in adults with acute severe asthma. <i>Clinical and Experimental Allergy</i> , 2001 , 31, 1745-53	4.1	27
127	Adjusting prednisone using blood eosinophils reduces exacerbations and improves asthma control in difficult patients with asthma. <i>Respirology</i> , 2015 , 20, 1282-4	3.6	26
126	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, 1062-70	7	25
125	Characterization of innate immune signalling receptors in virus-induced acute asthma. <i>Clinical and Experimental Allergy</i> , 2011 , 41, 640-8	4.1	24
124	Targeted therapeutics for severe refractory asthma: monoclonal antibodies. <i>Expert Review of Clinical Pharmacology</i> , 2016 , 9, 927-41	3.8	24
123	IL-22 and its receptors are increased in human and experimental COPD and contribute to pathogenesis. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	23
122	Innate immunity to influenza in chronic airways diseases. <i>Respirology</i> , 2012 , 17, 1166-75	3.6	23
121	Clinical usefulness of inflammatory markers in asthma. <i>Treatments in Respiratory Medicine</i> , 2003 , 2, 11-9		23
120	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> , 2015 , 3, 640-50	35.1	22
119	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 , 12, 2929-2942	3	22

118	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	22
117	Fibulin-1c regulates transforming growth factor- β activation in pulmonary tissue fibrosis. <i>JCI Insight</i> , 2019 , 5,	9.9	21
116	Airway Epithelial Cell Immunity Is Delayed During Rhinovirus Infection in Asthma and COPD. <i>Frontiers in Immunology</i> , 2020 , 11, 974	8.4	20
115	Airway β -Defensin-1 Protein Is Elevated in COPD and Severe Asthma. <i>Mediators of Inflammation</i> , 2015 , 2015, 407271	4.3	20
114	Clinical and physiological features of postinfectious chronic cough associated with H1N1 infection. <i>Respiratory Medicine</i> , 2012 , 106, 138-44	4.6	20
113	TLR5 is not required for flagellin-mediated exacerbation of DSS colitis. <i>Inflammatory Bowel Diseases</i> , 2010 , 16, 401-9	4.5	20
112	Acute oxygen therapy: a review of prescribing and delivery practices. <i>International Journal of COPD</i> , 2016 , 11, 1067-75	3	20
111	Induced sputum eosinophils in the assessment of asthma and chronic cough. <i>Respirology</i> , 2000 , 5, 51-7	3.6	19
110	Respiratory syncytial virus co-opts host mitochondrial function to favour infectious virus production. <i>ELife</i> , 2019 , 8,	8.9	19
109	Persistent induction of goblet cell differentiation in the airways: Therapeutic approaches. <i>Pharmacology & Therapeutics</i> , 2018 , 185, 155-169	13.9	18
108	Diagnosis and investigation in the severe asthma clinic. <i>Expert Review of Respiratory Medicine</i> , 2016 , 10, 491-503	3.8	18
107	Immunological axis of curcumin-loaded vesicular drug delivery systems. <i>Future Medicinal Chemistry</i> , 2018 , 10, 839-844	4.1	17
106	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	4.5	17
105	Respiratory Viruses and Asthma. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2018 , 39, 45-55	3.9	16
104	Alterations in inflammatory, antiviral and regulatory cytokine responses in peripheral blood mononuclear cells from pregnant women with asthma. <i>Respirology</i> , 2013 , 18, 827-33	3.6	16
103	The placental protein syncytin-1 impairs antiviral responses and exaggerates inflammatory responses to influenza. <i>PLoS ONE</i> , 2015 , 10, e0118629	3.7	16
102	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	5.8	16
101	Immunological axis of berberine in managing inflammation underlying chronic respiratory inflammatory diseases. <i>Chemico-Biological Interactions</i> , 2020 , 317, 108947	5	15

100	Necroptosis Signaling Promotes Inflammation, Airway Remodeling, and Emphysema in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 667-681	10.2	15
99	Regulation of xanthine dehydrogenase gene expression and uric acid production in human airway epithelial cells. <i>PLoS ONE</i> , 2017 , 12, e0184260	3.7	14
98	Lumacaftor/ Ivacaftor improves exercise tolerance in patients with Cystic Fibrosis and severe airflow obstruction. <i>BMC Pulmonary Medicine</i> , 2019 , 19, 106	3.5	14
97	Influenza vaccine effectiveness against hospitalisation with influenza in adults in Australia in 2014. <i>Vaccine</i> , 2015 , 33, 7352-7356	4.1	14
96	SARS-CoV-2 Spike protein promotes hyper-inflammatory response that can be ameliorated by Spike-antagonistic peptide and FDA-approved ER stress and MAP kinase inhibitors in vitro		14
95	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	5.7	14
94	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	4.2	13
93	Trends in asthma self-management skills and inhaled corticosteroid use during pregnancy and postpartum from 2004 to 2017. <i>Journal of Asthma</i> , 2019 , 56, 594-602	1.9	13
92	Omalizumab Is an Effective Intervention in Severe Asthma with Fungal Sensitization. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 3428-3433.e1	5.4	12
91	The interaction between mother and fetus and the development of allergic asthma. <i>Expert Review of Respiratory Medicine</i> , 2014 , 8, 57-66	3.8	12
90	Hypoxia-inducible factor and bacterial infections in chronic obstructive pulmonary disease. <i>Respirology</i> , 2020 , 25, 53-63	3.6	12
89	Lumacaftor/ivacaftor reduces exacerbations in adults homozygous for Phe508del mutation with severe lung disease. <i>Journal of Cystic Fibrosis</i> , 2020 , 19, 415-420	4.1	12
88	Defining a Severe Asthma Super-Responder: Findings from a Delphi Process. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 3997-4004	5.4	12
87	Asthma during pregnancy alters immune cell profile and airway epithelial chemokine release. <i>Inflammation Research</i> , 2010 , 59, 349-58	7.2	11
86	Sputum transcriptomics implicates increased p38 signalling activity in severe asthma. <i>Respirology</i> , 2020 , 25, 709-718	3.6	11
85	CSF3R/CD114 mediates infection-dependent transition to severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 785-788.e6	11.5	11
84	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	6.8	11
83	Crucial role for lung iron level and regulation in the pathogenesis and severity of asthma. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	10

82	Molecular and Immunological Mechanisms Underlying the Various Pharmacological Properties of the Potent Bioflavonoid, Rutin. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020 , 20, 1590-1596 ^{2,2} 10		
81	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	3	10
80	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	11.5	9
79	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	7.3	9
78	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. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L158-L163	5.8	9
77	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		9
76	World alliance against antibiotic resistance: The WAAAR declaration against antibiotic resistance. <i>Medicina Intensiva</i> , 2015 , 39, 34-9	1.2	8
75	Developments in the field of allergy in 2010 through the eyes of Clinical and Experimental Allergy. <i>Clinical and Experimental Allergy</i> , 2011 , 41, 1690-710	4.1	8
74	SUPPLEMENTATION OF LONG CHAIN N-3 POLYUNSATURATED FATTY ACIDS INCREASES THE UTILIZATION OF LYCOPENE IN CULTURED AIRWAY EPITHELIAL CELLS. <i>Journal of Food Lipids</i> , 2008 , 15, 421-432		8
73	Bisphosphonate-related osteonecrosis of the jaw in non-malignant bone disease. <i>Rheumatology International</i> , 2013 , 33, 2189-98	3.6	7
72	Influenza epidemiology in patients admitted to sentinel Australian hospitals in 2018: the Influenza Complications Alert Network (FluCAN). <i>Communicable Diseases Intelligence (2018)</i> , 2019 , 43,	1.9	7
71	Time-resolved proteomic profiling of cigarette smoke-induced experimental chronic obstructive pulmonary disease. <i>Respirology</i> , 2021 , 26, 960-973	3.6	7
70	Enhancing tristetraproline activity reduces the severity of cigarette smoke-induced experimental chronic obstructive pulmonary disease. <i>Clinical and Translational Immunology</i> , 2019 , 8, e01084	6.8	7
69	Asthma-COPD overlap: current understanding and the utility of experimental models. <i>European Respiratory Review</i> , 2021 , 30,	9.8	7
68	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		7
67	Management of acute COPD exacerbations in Australia: do we follow the guidelines?. <i>ERJ Open Research</i> , 2020 , 6,	3.5	6
66	Six gene and TH2 signature expression in endobronchial biopsies of participants with asthma. <i>Immunity, Inflammation and Disease</i> , 2020 , 8, 40-49	2.4	6
65	Hyperkalaemic ascending paralysis. <i>Journal of the Royal Society of Medicine</i> , 2004 , 97, 330-1	2.3	6

64	Optimization of sputum-processing methods for the measurement of interleukin-5: effects of protease inhibition. <i>Respirology</i> , 2002 , 7, 111-6	3.6	6
63	Multi-centre ethics and research governance review can impede non-interventional clinical research. <i>Internal Medicine Journal</i> , 2019 , 49, 722-728	1.6	6
62	Use of biologics to treat acute exacerbations and manage disease in asthma, COPD and IPF. <i>Pharmacology & Therapeutics</i> , 2017 , 169, 1-12	13.9	5
61	Viral and bacterial interactions in pneumonia. <i>Expert Review of Respiratory Medicine</i> , 2010 , 4, 221-8	3.8	5
60	TLR2-mediated innate immune priming boosts lung anti-viral immunity. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	5
59	Curcumin-loaded niosomes downregulate mRNA expression of pro-inflammatory markers involved in asthma: an study. <i>Nanomedicine</i> , 2020 , 15, 2955-2970	5.6	5
58	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	5.7	5
57	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	5.7	5
56	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,	3.5	5
55	DX-890 (Dyax). <i>IDrugs: the Investigational Drugs Journal</i> , 2002 , 5, 586-9		5
54	Eosinophilia as a treatable trait in three patients with asthma and COPD. <i>Respirology Case Reports</i> , 2018 , 6, e00295	0.9	4
53	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, 607-20		4
52	A microRNA-21-mediated SATB1/S100A9/NF- κ B axis promotes chronic obstructive pulmonary disease pathogenesis. <i>Science Translational Medicine</i> , 2021 , 13, eaav7223	17.5	4
51	A Sputum 6 Gene Expression Signature Predicts Inflammatory Phenotypes and Future Exacerbations of COPD. <i>International Journal of COPD</i> , 2020 , 15, 1577-1590	3	4
50	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	4.1	4
49	Advances in the treatment of virus-induced asthma. <i>Expert Review of Respiratory Medicine</i> , 2016 , 10, 629-41	3.8	4
48	Blood Neutrophils In COPD But Not Asthma Exhibit A Primed Phenotype With Downregulated CD62L Expression. <i>International Journal of COPD</i> , 2019 , 14, 2517-2525	3	4
47	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	9.3	4

46	Endoplasmic reticulum-unfolded protein response signalling is altered in severe eosinophilic and neutrophilic asthma. <i>Thorax</i> , 2021 ,	7.3	4
45	An altered sputum macrophage transcriptome contributes to the neutrophilic asthma endotype. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 ,	9.3	4
44	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		4
43	Hyperkalaemic Ascending Paralysis. <i>Journal of the Royal Society of Medicine</i> , 2004 , 97, 330-331	2.3	3
42	Influenza epidemiology in patients admitted to sentinel Australian hospitals in 2017: the Influenza Complications Alert Network (FluCAN). <i>Communicable Diseases Intelligence (2018)</i> , 2019 , 43,	1.9	3
41	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	9.3	3
40	Asthma, COPD and SARS-CoV-2 infection (COVID-19): potential mechanistic insights. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	3
39	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	5.4	3
38	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		3
37	Contemporary Concise Review 2019: Asthma. <i>Respirology</i> , 2020 , 25, 651-656	3.6	2
36	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	3.6	2
35	Impaired Th1 responses in patients with acute exacerbations of COPD are improved with PD-1 blockade. <i>Clinical Immunology</i> , 2018 , 188, 64-66	9	2
34	Acute myocardial infarction in disseminated mucormycosis infection. <i>European Heart Journal</i> , 2017 , 38, 838	9.5	2
33	Deficient antiviral responses to influenza in primary bronchial epithelial cells of chronic obstructive pulmonary disease. <i>Frontiers in Immunology</i> , 4,	8.4	2
32	ACE2 Expression is elevated in Airway Epithelial Cells from aged and male donors but reduced in asthma		2
31	Severe Asthma Toolkit: an online resource for multidisciplinary health professionals-needs assessment, development process and user analytics with survey feedback. <i>BMJ Open</i> , 2020 , 10, e032877	7	2
30	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	8.4	2
29	We are not doing enough to prevent the spread of COVID-19 and other respiratory viruses in Australian hospitals. <i>Medical Journal of Australia</i> , 2021 , 215, 152-153.e1	4	2

28	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	4.1	2
27	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	1.6	2
26	Hemopexin: A Novel Anti-inflammatory Marker for Distinguishing COPD From Asthma. <i>Allergy, Asthma and Immunology Research</i> , 2021 , 13, 450-467	5.3	2
25	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		2
24	Aim2 suppresses cigarette smoke-induced neutrophil recruitment, neutrophil caspase-1 activation and anti-Ly6G-mediated neutrophil depletion.. <i>Immunology and Cell Biology</i> , 2022 ,	5	2
23	ACP Journal Club. Tiotropium reduced exacerbations more than salmeterol in moderate-to-very severe COPD. <i>Annals of Internal Medicine</i> , 2011 , 155, JC1-3	8	1
22	Bronchitis (acute). <i>Clinical Evidence</i> , 2011 , 2011,		1
21	Pathogenesis, clinical features of asthma COPD overlap (ACO), and therapeutic modalities. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 ,	5.8	1
20	PAT in the ER for Transmembrane Protein Folding. <i>Trends in Biochemical Sciences</i> , 2020 , 45, 1007-1008	10.3	1
19	Severe Nocardia pneumonia in an immunocompromised patient with alpha-1 antitrypsin deficiency. <i>Respirology Case Reports</i> , 2020 , 8, e00670	0.9	1
18	Understanding CliniciansSPerceived Barriers and Facilitators to Optimal Use of Acute Oxygen Therapy in Adults. <i>International Journal of COPD</i> , 2020 , 15, 2275-2287	3	1
17	COPD exacerbations: targeting IL-33 as a new therapy. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1213-1214	3.1	1
16	Redesign of the Australian Cystic Fibrosis Data Registry: A multidisciplinary collaboration. <i>Paediatric Respiratory Reviews</i> , 2021 , 37, 37-43	4.8	1
15	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	5.4	1
14	Factors Associated with Asthma Exacerbations During Pregnancy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 4343-4352.e4	5.4	1
13	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	8.4	1
12	Mental health care needs in cystic fibrosis: A scoping review.. <i>Social Work in Health Care</i> , 2022 , 1-15	2	1
11	Mepolizumab asthma treatment failure due to refractory airway eosinophilia, which responded to benralizumab. <i>Respirology Case Reports</i> , 2021 , 9, e00743	0.9	0

- 10 IL-25 blockade augments antiviral immunity during respiratory virus infection.. *Communications Biology*, **2022**, 5, 415 6.7 0
- 9 The interplay of the host, virus, and the environment **2019**, 169-194
- 8 Cough Formation in Viral Infections in Children **2014**, 71-89
- 7 Airway Epithelial and Early Innate Immune Responses to Virus Infections **2014**, 29-44
- 6 Flagellin exacerbates DSS induced Colitis via TLR5 independent mechanisms. *Inflammatory Bowel Diseases*, **2008**, 14, S11 4.5
- 5 Pathogenesis of ABPA **2009**, 695-706
- 4 Respiratory Examination **2011**, 17-40
- 3 Serum prednisolone levels as a marker of oral corticosteroid adherence in severe asthma. *BMC Pulmonary Medicine*, **2020**, 20, 228 3.5
- 2 Pseudomonas pharyngitis in a cystic fibrosis patient. *Respirology Case Reports*, **2018**, 6, e00325 0.9
- 1 Acute Asthma **2022**, 278-295