Sebastian L Johnston

List of Publications by Year
in descending order

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441 papers	40,016 citations	3116 95 h-index	4035 182 g-index
470 all docs	470 docs citations	470 times ranked	26878 citing authors

#	Article	IF	Citations
1	Community study of role of viral infections in exacerbations of asthma in 9-11 year old children. BMJ: British Medical Journal, 1995, 310, 1225-1229.	2.4	1,737
2	Asthmatic bronchial epithelial cells have a deficient innate immune response to infection with rhinovirus. Journal of Experimental Medicine, 2005, 201, 937-947.	4.2	1,105
3	Role of deficient type III interferon-Î» production in asthma exacerbations. Nature Medicine, 2006, 12, 1023-1026.	15.2	955
4	Infections and Airway Inflammation in Chronic Obstructive Pulmonary Disease Severe Exacerbations. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 1114-1121.	2.5	901
5	Respiratory Viruses, Symptoms, and Inflammatory Markers in Acute Exacerbations and Stable Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 1618-1623.	2.5	899
6	Acute Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 662-671.	2.5	847
7	The ENFUMOSA cross-sectional European multicentre study of the clinical phenotype of chronic severe asthma. European Respiratory Journal, 2003, 22, 470-477.	3.1	722
8	The Infant Nasopharyngeal Microbiome Impacts Severity of Lower Respiratory Infection and Risk of Asthma Development. Cell Host and Microbe, 2015, 17, 704-715.	5.1	721
9	Early-life respiratory viral infections, atopic sensitization, and risk of subsequent development of persistent asthma. Journal of Allergy and Clinical Immunology, 2007, 119, 1105-1110.	1.5	655
10	The relationship between upper respiratory infections and hospital admissions for asthma: a time-trend analysis.. American Journal of Respiratory and Critical Care Medicine, 1996, 154, 654-660.	2.5	528
11	Frequency, severity, and duration of rhinovirus infections in asthmatic and non-asthmatic individuals: a longitudinal cohort study. Lancet, The, 2002, 359, 831-834.	6.3	516
12	Rhinoviruses Infect the Lower Airways. Journal of Infectious Diseases, 2000, 181, 1875-1884.	1.9	503
13	IL-33â€“Dependent Type 2 Inflammation during Rhinovirus-induced Asthma Exacerbations In Vivo. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1373-1382.	2.5	500
14	Blood Eosinophils to Direct Corticosteroid Treatment of Exacerbations of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 48-55.	2.5	499
15	The Role of Bacteria in the Pathogenesis and Progression of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 906-913.	2.5	453
16	Rhinovirus-induced lower respiratory illness is increased in asthma and related to virus load and Th1/2 cytokine and IL-10 production. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 13562-13567.	3.3	447
17	Study of modifiable risk factors for asthma exacerbations: virus infection and allergen exposure increase the risk of asthma hospital admissions in children. Thorax, 2006, 61, 376-382.	2.7	429
18	Role of Respiratory Viruses in Acute Upper and Lower Respiratory Tract Illness in the First Year of Life. Pediatric Infectious Disease Journal, 2006, 25, 680-686.	1.1	390

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19	Experimental Rhinovirus Infection as a Human Model of Chronic Obstructive Pulmonary Disease Exacerbation. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 734-742.	2.5	349
20	Mouse models of rhinovirus-induced disease and exacerbation of allergic airway inflammation. Nature Medicine, 2008, 14, 199-204.	15.2	339
21	Type 1 and Type 2 Cytokine Imbalance in Acute Respiratory Syncytial Virus Bronchiolitis. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 633-639.	2.5	337
22	Neutrophil degranulation and cell lysis is associated with clinical severity in virus-induced asthma. European Respiratory Journal, 2002, 19, 68-75.	3.1	331
23	Lung microbiome dynamics in COPD exacerbations. European Respiratory Journal, 2016, 47, 1082-1092.	3.1	330
24	Outgrowth of the Bacterial Airway Microbiome after Rhinovirus Exacerbation of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1224-1231.	2.5	329
25	Montelukast Reduces Asthma Exacerbations in 2- to 5-Year-Old Children with Intermittent Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 315-322.	2.5	325
26	Targeting the NF-Î¹B pathway in asthma and chronic obstructive pulmonary disease. , 2009, 121, 1-13.		323
27	Rhinovirus Infection Induces Expression of Its Own Receptor Intercellular Adhesion Molecule 1 (ICAM-1) via Increased NF-Î¹B-mediated Transcription. Journal of Biological Chemistry, 1999, 274, 9707-9720.	1.6	322
28	Synergism between allergens and viruses and risk of hospital admission with asthma: case-control study. BMJ: British Medical Journal, 2002, 324, 763-763.	2.4	309
29	The role of viruses in acute exacerbations of asthma. Journal of Allergy and Clinical Immunology, 2010, 125, 1178-1187.	1.5	305
30	New year: new editors. Thorax, 2003, 58, 1-2.	2.7	304
31	Viruses as precipitants of asthma symptoms. I. Epidemiology. Clinical and Experimental Allergy, 1992, 22, 325-336.	1.4	301
32	Asthma exacerbations: Origin, effect, and prevention. Journal of Allergy and Clinical Immunology, 2011, 128, 1165-1174.	1.5	301
33	The September epidemic of asthma exacerbations in children: A search for etiology. Journal of Allergy and Clinical Immunology, 2005, 115, 132-138.	1.5	298
34	Personal exposure to nitrogen dioxide (NO2) and the severity of virus-induced asthma in children. Lancet, The, 2003, 361, 1939-1944.	6.3	286
35	Co-ordinated Role of TLR3, RIG-I and MDA5 in the Innate Response to Rhinovirus in Bronchial Epithelium. PLoS Pathogens, 2010, 6, e1001178.	2.1	286
36	Association of bacteria and viruses with wheezy episodes in young children: prospective birth cohort study. BMJ: British Medical Journal, 2010, 341, c4978-c4978.	2.4	281

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37	Rhinovirus-induced IL-25 in asthma exacerbation drives type 2 immunity and allergic pulmonary inflammation. Science Translational Medicine, 2014, 6, 256ra134.	5.8	280
38	Azithromycin induces anti-viral responses in bronchial epithelial cells. European Respiratory Journal, 2010, 36, 646-654.	3.1	270
39	The Effect of Telithromycin in Acute Exacerbations of Asthma. New England Journal of Medicine, 2006, 354, 1589-1600.	13.9	267
40	Host DNA released by NETosis promotes rhinovirus-induced type-2 allergic asthma exacerbation. Nature Medicine, 2017, 23, 681-691.	15.2	260
41	Use of polymerase chain reaction for diagnosis of picornavirus infection in subjects with and without respiratory symptoms. Journal of Clinical Microbiology, 1993, 31, 111-117.	1.8	246
42	Rhinovirus Infection Induces Degradation of Antimicrobial Peptides and Secondary Bacterial Infection in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 1117-1124.	2.5	238
43	Viruses and bacteria in acute asthma exacerbations â€“ A GA²LENâ€ÐARE* systematic review. Allergy: European Journal of Allergy and Clinical Immunology, 2011, 66, 458-468.	2.7	237
44	RSV-specific airway resident memory CD8+ T cells and differential disease severity after experimental human infection. Nature Communications, 2015, 6, 10224.	5.8	237
45	The Effect of Inhaled IFN-Î² on Worsening of Asthma Symptoms Caused by Viral Infections. A Randomized Trial. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 145-154.	2.5	231
46	A defective type 1 response to rhinovirus in atopic asthma. Thorax, 2002, 57, 328-332.	2.7	226
47	Toll-Like Receptor 3 Is Induced by and Mediates Antiviral Activity against Rhinovirus Infection of Human Bronchial Epithelial Cells. Journal of Virology, 2005, 79, 12273-12279.	1.5	210
48	Asthma and Natural Colds. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 1178-1184.	2.5	202
49	Chronic <I>Chlamydia pneumoniae</I> infection and asthma exacerbations in children. European Respiratory Journal, 1998, 11, 345-349.	3.1	200
50	Increased Interleukin-4, Interleukin-5, and Interferon-Î³ in Airway CD4+and CD8+T Cells in Atopic Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 224-230.	2.5	200
51	Impaired innate interferon induction in severe therapy resistant atopic asthmatic children. Mucosal Immunology, 2013, 6, 797-806.	2.7	198
52	Air pollution and infection in respiratory illness. British Medical Bulletin, 2003, 68, 95-112.	2.7	197
53	Lower Airways Inflammation during Rhinovirus Colds in Normal and in Asthmatic Subjects. American Journal of Respiratory and Critical Care Medicine, 1995, 151, 879-886.	2.5	195
54	Respiratory virus induction of alphaâ€‚betaâ€‰and lambdaâ€‰interferons in bronchial epithelial cells and peripheral blood mononuclear cells. Allergy: European Journal of Allergy and Clinical Immunology, 2009, 64, 375-386.	2.7	192

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55	Rhinovirus 16â€“induced IFN-Î± and IFN-Î² are deficient in bronchoalveolar lavage cells in asthmatic patients. Journal of Allergy and Clinical Immunology, 2012, 129, 1506-1514.e6.	1.5	190
56	Viral infections in allergy and immunology: How allergic inflammation influences viral infections and illness. Journal of Allergy and Clinical Immunology, 2017, 140, 909-920.	1.5	178
57	ChlamydophilapneumoniaeandMycoplasma pneumoniae. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1078-1089.	2.5	176
58	Vitamin D modulation of innate immune responses to respiratory viral infections. Reviews in Medical Virology, 2017, 27, e1909.	3.9	176
59	Role of nasal interleukin-8 in neutrophil recruitment and activation in children with virus-induced asthma.. American Journal of Respiratory and Critical Care Medicine, 1997, 155, 1362-1366.	2.5	170
60	The microbiology of asthma. Nature Reviews Microbiology, 2012, 10, 459-471.	13.6	170
61	Respiratory Syncytial Virus, Airway Inflammation, and FEV1Decline in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 871-876.	2.5	169
62	PMA Induces the MUC5AC Respiratory Mucin in Human Bronchial Epithelial Cells, via PKC, EGF/TGF-Î±, Ras/Raf, MEK, ERK and Sp1-dependent Mechanisms. Journal of Molecular Biology, 2004, 344, 683-695.	2.0	162
63	Rhinoviruses replicate effectively at lower airway temperatures. , 1999, 58, 100-104.		160
64	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.	2.7	160
65	Important research questions in allergy and related diseases: nonallergic rhinitis: a GA²LEN paper. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 842-853.	2.7	158
66	IFN-Î³â€“induced protein 10 is a novel biomarker of rhinovirus-induced asthma exacerbations. Journal of Allergy and Clinical Immunology, 2007, 120, 586-593.	1.5	157
67	The September epidemic of asthma hospitalization: School children as disease vectors. Journal of Allergy and Clinical Immunology, 2006, 117, 557-562.	1.5	155
68	Integrated care pathways for airway diseases (AIRWAYS-ICPs). European Respiratory Journal, 2014, 44, 304-323.	3.1	154
69	Corticosteroid suppression of antiviral immunity increases bacterial loads and mucus production in COPD exacerbations. Nature Communications, 2018, 9, 2229.	5.8	153
70	How Viral Infections Cause Exacerbation of Airway Diseases. Chest, 2006, 130, 1203-1210.	0.4	149
71	Detection of Airborne Rhinovirus and Its Relation to Outdoor Air Supply in Office Environments. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 1187-1190.	2.5	148
72	Airway Microbiota Dynamics Uncover a Critical Window for Interplay of Pathogenic Bacteria and Allergy in Childhood Respiratory Disease. Cell Host and Microbe, 2018, 24, 341-352.e5.	5.1	146

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73	The role of viral infections in exacerbations of chronic obstructive pulmonary disease and asthma. Therapeutic Advances in Respiratory Disease, 2016, 10, 158-174.	1.0	144
74	Activated, Cytotoxic CD8⁺ T Lymphocytes Contribute to the Pathology of Asthma Death. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 560-564.	2.5	138
75	Rhinovirus exposure impairs immune responses to bacterial products in human alveolar macrophages. Thorax, 2008, 63, 519-525.	2.7	136
76	Th2 cytokines impair innate immune responses to rhinovirus in respiratory epithelial cells. Allergy: European Journal of Allergy and Clinical Immunology, 2015, 70, 910-920.	2.7	136
77	Microbes and mucosal immune responses in asthma. Lancet, The, 2013, 381, 861-873.	6.3	134
78	Novel antiviral properties of azithromycin in cystic fibrosis airway epithelial cells. European Respiratory Journal, 2015, 45, 428-439.	3.1	134
79	Host defense function of the airway epithelium in health and disease: clinical background. Journal of Leukocyte Biology, 2004, 75, 5-17.	1.5	132
80	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. Nature Medicine, 2013, 19, 232-237.	15.2	127
81	Review of the Molecular and Cellular Mechanisms of Action of Glucocorticoids for Use in Asthma. Pulmonary Pharmacology and Therapeutics, 2002, 15, 35-50.	1.1	125
82	Biological exacerbation clusters demonstrate asthma and chronic obstructive pulmonary disease overlap with distinct mediator and microbiome profiles. Journal of Allergy and Clinical Immunology, 2018, 141, 2027-2036.e12.	1.5	124
83	Vitamin D increases the antiviral activity of bronchial epithelial cells inÂvitro. Antiviral Research, 2017, 137, 93-101.	1.9	123
84	Risk of adverse outcomes in patients with underlying respiratory conditions admitted to hospital with COVID-19: a national, multicentre prospective cohort study using the ISARIC WHO Clinical Characterisation Protocol UK. Lancet Respiratory Medicine,the, 2021, 9, 699-711.	5.2	122
85	Viruses as precipitants of asthma symptoms II. Physiology and mechanisms. Clinical and Experimental Allergy, 1992, 22, 809-822.	1.4	121
86	Rhinovirus-induced interferon production is not deficient in well controlled asthma. Thorax, 2014, 69, 240-246.	2.7	121
87	Association between respiratory infections in early life and later asthma is independent of virus type. Journal of Allergy and Clinical Immunology, 2015, 136, 81-86.e4.	1.5	121
88	Inhaled corticosteroids downregulate the SARS-CoV-2 receptor ACE2 in COPD through suppression of type I interferon. Journal of Allergy and Clinical Immunology, 2021, 147, 510-519.e5.	1.5	121
89	Human Rhinovirus 1B Exposure Induces Phosphatidylinositol 3-Kinaseâ€“dependent Airway Inflammation in Mice. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 1111-1121.	2.5	120
90	EAACI position statement on asthma exacerbations and severe asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2013, 68, 1520-1531.	2.7	107

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91	Locally instructed CXCR4hi neutrophils trigger environment-driven allergic asthma through the release of neutrophil extracellular traps. Nature Immunology, 2019, 20, 1444-1455.	7.0	106
92	Rhinovirus infection up-regulates eotaxin and eotaxin-2 expression in bronchial epithelial cells. Clinical and Experimental Allergy, 2001, 31, 1060-1066.	1.4	105
93	Echinacea in the prevention of induced rhinovirus colds: A meta-analysis. Clinical Therapeutics, 2006, 28, 174-183.	1.1	105
94	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.	1.5	103
95	A Comprehensive Evaluation of Nasal and Bronchial Cytokines and Chemokines Following Experimental Rhinovirus Infection in Allergic Asthma: Increased Interferons (IFN-Î³ and IFN-Î») and Type 2 Inflammation (IL-5 and IL-13). EBioMedicine, 2017, 19, 128-138.	2.7	102
96	Lung microbiology and exacerbations in COPD. International Journal of COPD, 2012, 7, 555.	0.9	101
97	Rhinovirus Viremia in Children with Respiratory Infections. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 1037-1040.	2.5	99
98	Rhinovirus induces MUC5AC in a human infection model and in vitro via NF-ÂB and EGFR pathways. European Respiratory Journal, 2010, 36, 1425-1435.	3.1	99
99	Effectiveness of Influenza Vaccines in Asthma: A Systematic Review and Meta-Analysis. Clinical Infectious Diseases, 2017, 65, 1388-1395.	2.9	99
100	Combination Therapy. American Journal of Respiratory Cell and Molecular Biology, 2006, 34, 616-624.	1.4	97
101	Febrile respiratory illnesses in infancy and atopy are risk factors for persistent asthma and wheeze. European Respiratory Journal, 2012, 39, 876-882.	3.1	97
102	The emerging role of micro<scp>RNA</scp>s in regulating immune and inflammatory responses in the lung. Immunological Reviews, 2013, 253, 198-215.	2.8	97
103	The effect of the orally active platelet-activating factor antagonist WEB 2086 in the treatment of asthma.. American Journal of Respiratory and Critical Care Medicine, 1994, 149, 1142-1148.	2.5	96
104	Fragment-derived inhibitors of human N-myristoyltransferase block capsid assembly and replication of the common cold virus. Nature Chemistry, 2018, 10, 599-606.	6.6	96
105	Innate Immunity in the Pathogenesis of Virus-induced Asthma Exacerbations. Proceedings of the American Thoracic Society, 2007, 4, 267-270.	3.5	95
106	Etiology of asthma exacerbations. Journal of Allergy and Clinical Immunology, 2008, 122, 685-688.	1.5	95
107	Asthma and COVIDâ€19: Is asthma a risk factor for severe outcomes?. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1543-1545.	2.7	95
108	A compendium answering 150 questions on COVIDâ€19 and SARSâ€CoVâ€2. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2503-2541.	2.7	95

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109	Oral Oseltamivir Improves Pulmonary Function and Reduces Exacerbation Frequency for Influenza-Infected Children With Asthma. Pediatric Infectious Disease Journal, 2005, 24, 225-232.	1.1	94
110	Frequency of Detection of Picornaviruses and Seven Other Respiratory Pathogens in Infants. Pediatric Infectious Disease Journal, 2005, 24, 611-616.	1.1	94
111	Staphylococcus aureus Induces a Mucosal Type 2 Immune Response via Epithelial Cellâ€“derived Cytokines. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 452-463.	2.5	94
112	Amplified rhinovirus colds in atopic subjects. Clinical and Experimental Allergy, 1994, 24, 457-464.	1.4	93
113	Rhinovirus Replication in Human Macrophages Induces NF-ÎºB-Dependent Tumor Necrosis Factor Alpha Production. Journal of Virology, 2006, 80, 8248-8258.	1.5	93
114	National and regional asthma programmes in Europe. European Respiratory Review, 2015, 24, 474-483.	3.0	91
115	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.	2.7	90
116	Respiratory Epithelial Cell Expression of Vascular Cell Adhesion Molecule-1 and Its Up-regulation by Rhinovirus Infection via NF-ÎºB and GATA Transcription Factors. Journal of Biological Chemistry, 1999, 274, 30041-30051.	1.6	89
117	The immunology of virus infection in asthma. European Respiratory Journal, 2001, 18, 1013-1025.	3.1	89
118	Expression of Programmed Deathâ€“1 Ligand (PDâ€Ł) 1, PDâ€Ł2, B7â€H3, and Inducible Costimulator Ligand on Human Respiratory Tract Epithelial Cells and Regulation by Respiratory Syncytial Virus and Type 1 and 2 Cytokines. Journal of Infectious Diseases, 2006, 193, 404-412.	1.9	89
119	The role of macrolides in asthma: current evidence and future directions. Lancet Respiratory Medicine,the, 2014, 2, 657-670.	5.2	89
120	Increased nuclear suppressor of cytokine signaling 1 in asthmatic bronchial epithelium suppresses rhinovirus induction of innate interferons. Journal of Allergy and Clinical Immunology, 2015, 136, 177-188.e11.	1.5	89
121	Azithromycin for Acute Exacerbations of Asthma. JAMA Internal Medicine, 2016, 176, 1630.	2.6	89
122	Overview of Virus-induced Airway Disease. Proceedings of the American Thoracic Society, 2005, 2, 150-156.	3.5	88
123	Composite type-2 biomarker strategy versus a symptomâ€“risk-based algorithm to adjust corticosteroid dose in patients with severe asthma: a multicentre, single-blind, parallel group, randomised controlled trial. Lancet Respiratory Medicine,the, 2021, 9, 57-68.	5.2	88
124	An experimental model of rhinovirus induced chronic obstructive pulmonary disease exacerbations: a pilot study. Respiratory Research, 2006, 7, 116.	1.4	87
125	Development and implementation of guidelines in allergic rhinitis â€“ an ARIAâ€GA²LEN paper. Allergy: European Journal of Allergy and Clinical Immunology, 2010, 65, 1212-1221.	2.7	85
126	Role of Viral Infections, Atopy and Antiviral Immunity in the Etiology of Wheezing Exacerbations Among Children and Young Adults. Pediatric Infectious Disease Journal, 2005, 24, S217-S222.	1.1	84

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127	Mechanisms of virus-induced asthma exacerbations: state-of-the-art. A GA2LEN and InterAirways document. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 457-470.	2.7	84
128	Respiratory Syncytial Virus Persistence in Chronic Obstructive Pulmonary Disease. Pediatric Infectious Disease Journal, 2008, 27, S63-S70.	1.1	84
129	Natural and Experimental Rhinovirus Infections of the Lower Respiratory Tract. American Journal of Respiratory and Critical Care Medicine, 1995, 152, S46-S52.	2.5	81
130	Guidance to 2018 good practice: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma. Clinical and Translational Allergy, 2019, 9, 16.	1.4	81
131	RANTES, Macrophageâ€Inhibitory Protein 1?, and the Eosinophil Product Major Basic Protein Are Released into Upper Respiratory Secretions during Virusâ€Induced Asthma Exacerbations in Children. Journal of Infectious Diseases, 1999, 179, 677-681.	1.9	80
132	Chlamydia pneumoniae immunoglobulin A reactivation and airway inflammation in acute asthma. European Respiratory Journal, 2002, 20, 834-840.	3.1	80
133	Defining critical roles for NFâ€ºB p65 and type I interferon in innate immunity to rhinovirus. EMBO Molecular Medicine, 2012, 4, 1244-1260.	3.3	80
134	Rhinovirus infection causes steroid resistance in airway epithelium through nuclear factor ÎºB and c-Jun N-terminal kinase activation. Journal of Allergy and Clinical Immunology, 2013, 132, 1075-1085.e6.	1.5	80
135	Airway Inflammation and Illness Severity in Response to Experimental Rhinovirus Infection in Asthma. Chest, 2014, 145, 1219-1229.	0.4	80
136	Aetiological role of viral and bacterial infections in acute adult lower respiratory tract infection (LRTI) in primary care. Thorax, 2005, 61, 75-79.	2.7	79
137	Assessing the association of early life antibiotic prescription with asthma exacerbations, impaired antiviral immunity, and genetic variants in 17q21: a population-based birth cohort study. Lancet Respiratory Medicine,the, 2014, 2, 621-630.	5.2	79
138	Research in progress: Medical Research Council United Kingdom Refractory Asthma Stratification Programme (RASP-UK). Thorax, 2016, 71, 187-189.	2.7	78
139	Detection of rhinovirus infection of the nasal mucosa by oligonucleotide in situ hybridization.. American Journal of Respiratory Cell and Molecular Biology, 1994, 10, 207-213.	1.4	78
140	Challenges in developing a cross-serotype rhinovirus vaccine. Current Opinion in Virology, 2015, 11, 83-88.	2.6	77
141	Rhinovirus Infection Increases 5â€Lipoxygenase and Cyclooxygenaseâ€2 in Bronchial Biopsy Specimens from Nonatopic Subjects. Journal of Infectious Diseases, 2002, 185, 540-544.	1.9	76
142	Viruses in asthma. British Medical Bulletin, 2002, 61, 29-43.	2.7	76
143	Mechanisms of rhinovirus-induced asthma. Paediatric Respiratory Reviews, 2004, 5, 255-260.	1.2	76
144	Obesity and susceptibility to severe outcomes following respiratory viral infection. Thorax, 2013, 68, 684-686.	2.7	76

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145	Pathogenesis of Viral Infection in Exacerbations of Airway Disease. Annals of the American Thoracic Society, 2015, 12, S115-S132.	1.5	76
146	Inhaled corticosteroid suppression of cathelicidin drives dysbiosis and bacterial infection in chronic obstructive pulmonary disease. Science Translational Medicine, 2019, 11, .	5.8	75
147	Increased proinflammatory responses from asthmatic human airway smooth muscle cells in response to rhinovirus infection. Respiratory Research, 2006, 7, 71.	1.4	73
148	Cytokine Responses to Rhinovirus and Development of Asthma, Allergic Sensitization, and Respiratory Infections during Childhood. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1265-1274.	2.5	73
149	Adherence to treatment in allergic rhinitis using mobile technology. The <scp>MASK</scp> Study. Clinical and Experimental Allergy, 2019, 49, 442-460.	1.4	73
150	Mucosal Type 2 Innate Lymphoid Cells Are a Key Component of the Allergic Response to Aeroallergens. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1586-1596.	2.5	71
151	Prostaglandin D₂-induced bronchoconstriction is mediated only in part by the thromboxane prostanoid receptor. European Respiratory Journal, 1995, 8, 411-415.	3.1	70
152	Oxidative and Nitrosative Stress and Histone Deacetylase-2 Activity in Exacerbations of COPD. Chest, 2016, 149, 62-73.	0.4	70
153	An Anti-Human ICAM-1 Antibody Inhibits Rhinovirus-Induced Exacerbations of Lung Inflammation. PLoS Pathogens, 2013, 9, e1003520.	2.1	69
154	Cross-Serotype Immunity Induced by Immunization with a Conserved Rhinovirus Capsid Protein. PLoS Pathogens, 2013, 9, e1003669.	2.1	69
155	Corticosteroids and Î²2 Agonists Differentially Regulate Rhinovirus-induced Interleukin-6 via Distinct Cis-acting Elements. Journal of Biological Chemistry, 2007, 282, 15366-15375.	1.6	68
156	Inhaled corticosteroids and pneumonia in chronic obstructive pulmonary disease. Lancet Respiratory Medicine,the, 2014, 2, 919-932.	5.2	68
157	Viruses exacerbating chronic pulmonary disease: the role of immune modulation. BMC Medicine, 2012, 10, 27.	2.3	67
158	RSV-Induced Bronchial Epithelial Cell PD-L1 Expression Inhibits CD8+ T Cell Nonspecific Antiviral Activity. Journal of Infectious Diseases, 2011, 203, 85-94.	1.9	66
159	Neonatal bronchial hyperresponsiveness precedes acute severe viral bronchiolitis in infants. Journal of Allergy and Clinical Immunology, 2012, 130, 354-361.e3.	1.5	65
160	Bronchial mucosal IFN-Î±/Î² and pattern recognition receptor expression in patients with experimental rhinovirus-induced asthma exacerbations. Journal of Allergy and Clinical Immunology, 2019, 143, 114-125.e4.	1.5	65
161	Rhinoviruses Induce Interleukin-8 mRNA and Protein Production in Human Monocytes. Journal of Infectious Diseases, 1997, 175, 323-329.	1.9	64
162	Peripheral blood CD4+ and CD8+ T cell type 1 and type 2 cytokine production in atopic asthmatic and normal subjects. Clinical and Experimental Allergy, 2002, 32, 427-433.	1.4	64

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163	Exacerbations of Asthma and Chronic Obstructive Pulmonary Disease (COPD): Focus on Virus Induced Exacerbations. Current Pharmaceutical Design, 2007, 13, 73-97.	0.9	63
164	Role of airway glucose in bacterial infections in patients with chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2018, 142, 815-823.e6.	1.5	63
165	Rhinovirus Infection Induces Major Histocompatibility Complex Class I and Costimulatory Molecule Upregulation on Respiratory Epithelial Cells. Journal of Infectious Diseases, 2000, 181, 1780-1784.	1.9	62
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