Sebastian L Johnston

List of Publications by Year in Descending Order

394 papers	31,611 citations	88 h-index	165 g-index
470 ext. papers	36,616 ext. citations	8.1 avg, IF	7.04 L-index

#	Paper	IF	Citations
394	Impact of COVID-19 on people with asthma: a mixed methods analysis from a UK wide survey.. *BMJ Open Respiratory Research*, **2022**, 9,	5.6	2
393	Respiratory viruses and eosinophilic airway inflammation **2022**, 204-218		0
392	The role of respiratory syncytial virus- and rhinovirus-induced bronchiolitis in recurrent wheeze and asthma-A systematic review and meta-analysis.. *Pediatric Allergy and Immunology*, **2022**, 33, e13741	4.2	5
391	Plasma proteins elevated in severe asthma despite oral steroid use and unrelated to Type-2 inflammation. *European Respiratory Journal*, **2021**,	13.6	1
390	Airway Epithelial Innate Immunity.. *Frontiers in Physiology*, **2021**, 12, 749077	4.6	2
389	The Role of Interferons in Driving Susceptibility to Asthma Following Bronchiolitis: Controversies and Research Gaps.. *Frontiers in Immunology*, **2021**, 12, 761660	8.4	1
388	Effect of CRTH2 antagonism on the response to experimental rhinovirus infection in asthma: a pilot randomised controlled trial. *Thorax*, **2021**,	7.3	1
387	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	35.1	54
386	Rhinovirus-induced CCL17 and CCL22 in Asthma Exacerbations and Differential Regulation by STAT6. *American Journal of Respiratory Cell and Molecular Biology*, **2021**, 64, 344-356	5.7	5
385	miR-122 promotes virus-induced lung disease by targeting SOCS1. *JCI Insight*, **2021**, 6,	9.9	4
384	Echinacea reduces antibiotic usage in children through respiratory tract infection prevention: a randomized, blinded, controlled clinical trial. *European Journal of Medical Research*, **2021**, 26, 33	4.8	7
383	Dual role of the miR-146 family in rhinovirus-induced airway inflammation and allergic asthma exacerbation. *Clinical and Translational Medicine*, **2021**, 11, e427	5.7	7
382	Loss of regulatory capacity in Treg cells following rhinovirus infection. *Journal of Allergy and Clinical Immunology*, **2021**, 148, 1016-1029.e16	11.5	2
381	Experimental Antiviral Therapeutic Studies for Human Rhinovirus Infections. *Journal of Experimental Pharmacology*, **2021**, 13, 645-659	3	3
380	Experimental rhinovirus infection induces an antiviral response in circulating B cells which is dysregulated in patients with asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2021**,	9.3	3
379	Virus-induced Volatile Organic Compounds Are Detectable in Exhaled Breath during Pulmonary Infection. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 204, 1075-1085	10.2	1
378	Review: The Nose as a Route for Therapy. Part 2 Immunotherapy.. *Frontiers in Allergy*, **2021**, 2, 668781	0	1

377	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	11.5	61
376	Composite type-2 biomarker strategy versus a symptom-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	35.1	35
375	Glucocorticoids impair type I IFN signalling and enhance rhinovirus replication. *European Journal of Pharmacology*, **2021**, 893, 173839	5.3	4
374	Lung function fluctuation patterns unveil asthma and COPD phenotypes unrelated to type 2 inflammation. *Journal of Allergy and Clinical Immunology*, **2021**, 148, 407-419	11.5	2
373	Pulmonary Innate Lymphoid Cell Responses during Rhinovirus-induced Asthma Exacerbations : A Clinical Trial. *American Journal of Respiratory and Critical Care Medicine*, **2021**, 204, 1259-1273	10.2	1
372	Sex differences in innate anti-viral immune responses to respiratory viruses and in their clinical outcomes in a birth cohort study. *Scientific Reports*, **2021**, 11, 23741	4.9	0
371	Profiling of H3K27Ac Reveals the Influence of Asthma on the Epigenome of the Airway Epithelium. *Frontiers in Genetics*, **2020**, 11, 585746	4.5	2
370	The Renin-Angiotensin system and SARS-CoV-2 infection: A role for the ACE2 receptor?. *JRAAS - Journal of the Renin-Angiotensin-Aldosterone System*, **2020**, 21, 1470320320926911	3	1
369	A compendium answering 150 questions on COVID-19 and SARS-CoV-2. *Allergy: European Journal of Allergy and Clinical Immunology*, **2020**, 75, 2503-2541	9.3	58
368	Toward personalization of asthma treatment according to trigger factors. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 1529-1534	11.5	20
367	Epitope-specific airway-resident CD4+ T cell dynamics during experimental human RSV infection. *Journal of Clinical Investigation*, **2020**, 130, 523-538	15.9	20
366	Beclomethasone Has Lesser Suppressive Effects on Inflammation and Antibacterial Immunity Than Fluticasone or Budesonide in Experimental Infection Models. *Chest*, **2020**, 158, 947-951	5.3	4
365	Attenuating COVID-19 infection and inflammation: Lessons from asthma. *Respirology*, **2020**, 25, 1233-1234	3.6	2
364	Repurposing Existing Drugs for the Treatment of COVID-19. *Annals of the American Thoracic Society* , **2020**, 17, 1186-1194	4.7	15
363	M1-like macrophages are potent producers of anti-viral interferons and M1-associated marker-positive lung macrophages are decreased during rhinovirus-induced asthma exacerbations. *EBioMedicine*, **2020**, 54, 102734	8.8	22
362	Bronchial mucosal inflammation and illness severity in response to experimental rhinovirus infection in COPD. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 840-850.e7	11.5	4
361	Inhaled corticosteroid suppression of cathelicidin drives dysbiosis and bacterial infection in chronic obstructive pulmonary disease. *Science Translational Medicine*, **2019**, 11,	17.5	35
360	ERS/EAACI statement on severe exacerbations in asthma in adults: facts, priorities and key research questions. *European Respiratory Journal*, **2019**, 54,	13.6	22

359	Antiviral immunity is impaired in COPD patients with frequent exacerbations. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2019**, 317, L893-L903	5.8	28
358	Locally instructed CXCR4 neutrophils trigger environment-driven allergic asthma through the release of neutrophil extracellular traps. *Nature Immunology*, **2019**, 20, 1444-1455	19.1	48
357	Bacterial flagellin promotes viral entry via an NF-kB and Toll Like Receptor 5 dependent pathway. *Scientific Reports*, **2019**, 9, 7903	4.9	9
356	Epitope mapping of antibodies induced with a conserved rhinovirus protein generating protective anti-rhinovirus immunity. *Vaccine*, **2019**, 37, 2805-2813	4.1	4
355	Inflammation and infections in unreported chronic obstructive pulmonary disease exacerbations. *International Journal of COPD*, **2019**, 14, 823-832	3	8
354	Retraction notice to "Efficacy of novel antibody-based drugs against rhinovirus infection: In vitro and in vivo results" [Antiviral Research 142 (2017) 185-192]. *Antiviral Research*, **2019**, 164, 176	10.8	2
353	Guidance to 2018 good practice: ARIA digitally-enabled, integrated, person-centred care for rhinitis and asthma. *Clinical and Translational Allergy*, **2019**, 9, 16	5.2	49
352	Exacerbations of chronic respiratory diseases **2019**, 137-168		2
351	Human Rhinovirus Impairs the Innate Immune Response to Bacteria in Alveolar Macrophages in Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 199, 1496-1507	10.2	21
350	IFN-□ enhances Staphylococcus aureus clearance in healthy nasal mucosa but not in nasal polyps. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 1416-1425.e4	11.5	7
349	Adherence to treatment in allergic rhinitis using mobile technology. The MASK Study. *Clinical and Experimental Allergy*, **2019**, 49, 442-460	4.1	37
348	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	11.5	70
347	Vitamin D attenuates rhinovirus-induced expression of intercellular adhesion molecule-1 (ICAM-1) and platelet-activating factor receptor (PAFR) in respiratory epithelial cells. *Journal of Steroid Biochemistry and Molecular Biology*, **2019**, 187, 152-159	5.1	34
346	Development and characterization of DNAzyme candidates demonstrating significant efficiency against human rhinoviruses. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 1403-1415	11.5	16
345	Bronchial mucosal IFN-□ and pattern recognition receptor expression in patients with experimental rhinovirus-induced asthma exacerbations. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 114-125.e4	11.5	41
344	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	10.2	47
343	□-Agonists Enhance Asthma-Relevant Inflammatory Mediators in Human Airway Epithelial Cells. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 58, 128-132	5.7	13
342	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	11.5	42

341	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	11.5	83
340	The potential of anti-infectives and immunomodulators as therapies for asthma and asthma exacerbations. *Allergy: European Journal of Allergy and Clinical Immunology*, **2018**, 73, 50-63	9.3	29
339	Plasmacytoid dendritic cells drive acute asthma exacerbations. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 542-556.e12	11.5	34
338	Vitamin D receptor genotype influences risk of upper respiratory infection. *British Journal of Nutrition*, **2018**, 120, 891-900	3.6	29
337	Innate Immune Response to Viral Infections in Primary Bronchial Epithelial Cells is Modified by the Atopic Status of Asthmatic Patients. *Allergy, Asthma and Immunology Research*, **2018**, 10, 144-154	5.3	21
336	Corticosteroid suppression of antiviral immunity increases bacterial loads and mucus production in COPD exacerbations. *Nature Communications*, **2018**, 9, 2229	17.4	100
335	Volatile organic compound (VOC) analysis to differentiate between bacterial and viral respiratory infections in COPD **2018**,		2
334	Trajectories of childhood immune development and respiratory health relevant to asthma and allergy. *ELife*, **2018**, 7,	8.9	14
333	Toll-like receptor 3 blockade in rhinovirus-induced experimental asthma exacerbations: A´randomized controlled study. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1220-1230	11.5	24
332	Comparative Metabolomic Sampling of Upper and Lower Airways by Four Different Methods to Identify Biochemicals That May Support Bacterial Growth. *Frontiers in Cellular and Infection Microbiology*, **2018**, 8, 432	5.9	8
331	Recent advances in understanding rhinovirus immunity. *F1000Research*, **2018**, 7,	3.6	26
330	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	23.4	80
329	Staphylococcus aureus Induces a Mucosal Type 2 Immune Response via Epithelial Cell-derived Cytokines. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 452-463	10.2	55
328	Fragment-derived inhibitors of human N-myristoyltransferase block capsid assembly and replication of the common cold virus. *Nature Chemistry*, **2018**, 10, 599-606	17.6	53
327	Human rhinoviruses enter and induce proliferation of B lymphocytes. *Allergy: European Journal of Allergy and Clinical Immunology*, **2017**, 72, 232-243	9.3	24
326	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	10.2	53
325	Investigation of the Role of Protein Kinase D in Human Rhinovirus Replication. *Journal of Virology*, **2017**, 91,	6.6	13
324	Host DNA released by NETosis promotes rhinovirus-induced type-2 allergic asthma exacerbation. *Nature Medicine*, **2017**, 23, 681-691	50.5	173

323	Addressing unmet needs in understanding asthma mechanisms: From the European Asthma Research and Innovation Partnership (EARIP) Work Package (WP)2 collaborators. *European Respiratory Journal*, **2017**, 49,	13.6	31
322	Incorrect Conclusions Concerning Antibiotics and Asthma Exacerbation. *JAMA Internal Medicine*, **2017**, 177, 598	11.5	
321	Effectiveness of Influenza Vaccines in Asthma: A Systematic Review and Meta-Analysis. *Clinical Infectious Diseases*, **2017**, 65, 1388-1395	11.6	60
320	Efficacy of novel antibody-based drugs against rhinovirus infection: In´vitro and in´vivo results. *Antiviral Research*, **2017**, 142, 185-192	10.8	6
319	A Comprehensive Evaluation of Nasal and Bronchial Cytokines and Chemokines Following Experimental Rhinovirus Infection in Allergic Asthma: Increased Interferons (IFN-γ and IFN-λ) and Type 2 Inflammation (IL-5 and IL-13). *EBioMedicine*, **2017**, 19, 128-138	8.8	70
318	Matrix Metalloproteinase-1 Activation Contributes to Airway Smooth Muscle Growth and Asthma Severity. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 1000-1009	10.2	39
317	Viral infections in allergy and immunology: How allergic inflammation influences viral infections and illness. *Journal of Allergy and Clinical Immunology*, **2017**, 140, 909-920	11.5	113
316	Immune mechanisms of respiratory viral infections in asthma. *Current Opinion in Immunology*, **2017**, 48, 31-37	7.8	17
315	Role of microbiome in the pathophysiology and disease course of asthma. *Current Opinion in Pulmonary Medicine*, **2017**, 23, 41-47	3	24
314	Vitamin D increases the antiviral activity of bronchial epithelial cells in´vitro. *Antiviral Research*, **2017**, 137, 93-101	10.8	92
313	Vitamin D modulation of innate immune responses to respiratory viral infections. *Reviews in Medical Virology*, **2017**, 27, e1909	11.7	114
312	Building Bridges for Innovation in Ageing: Synergies between Action Groups of the EIP on AHA. *Journal of Nutrition, Health and Aging*, **2017**, 21, 92-104	5.2	36
311	Raised interferon-β, type 3 interferon and interferon-stimulated genes - evidence of innate immune activation in neutrophilic asthma. *Clinical and Experimental Allergy*, **2017**, 47, 313-323	4.1	23
310	Microbiome balance in sputum determined by PCR stratifies COPD exacerbations and shows potential for selective use of antibiotics. *PLoS ONE*, **2017**, 12, e0182833	3.7	15
309	Rhinovirus induction of fractalkine (CX3CL1) in airway and peripheral blood mononuclear cells in asthma. *PLoS ONE*, **2017**, 12, e0183864	3.7	5
308	Research in progress: Medical Research Council United Kingdom Refractory Asthma Stratification Programme (RASP-UK). *Thorax*, **2016**, 71, 187-9	7.3	64
307	Identification of novel macrolides with antibacterial, anti-inflammatory and type I and III IFN-augmenting activity in airway epithelium. *Journal of Antimicrobial Chemotherapy*, **2016**, 71, 2767-81	5.1	28
306	Scaling up strategies of the chronic respiratory disease programme of the European Innovation Partnership on Active and Healthy Ageing (Action Plan B3: Area 5). *Clinical and Translational Allergy*, **2016**, 6, 29	5.2	34

305	Azithromycin for Acute Exacerbations of Asthma : The AZALEA Randomized Clinical Trial. *JAMA Internal Medicine*, **2016**, 176, 1630-1637	11.5	73
304	Reply. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 313-314	11.5	1
303	Picornavirus-Induced Airway Mucosa Immune Profile in Asymptomatic Neonates. *Journal of Infectious Diseases*, **2016**, 213, 1262-70	7	13
302	Oxidative and Nitrosative Stress and Histone Deacetylase-2 Activity in Exacerbations of COPD. *Chest*, **2016**, 149, 62-73	5.3	52
301	Lung microbiome dynamics in COPD exacerbations. *European Respiratory Journal*, **2016**, 47, 1082-92	13.6	206
300	The role of viral infections in exacerbations of chronic obstructive pulmonary disease and asthma. *Therapeutic Advances in Respiratory Disease*, **2016**, 10, 158-74	4.9	94
299	Interferon response of the cystic fibrosis bronchial epithelium to major and minor group rhinovirus infection. *Journal of Cystic Fibrosis*, **2016**, 15, 332-9	4.1	22
298	The MIF Antagonist ISO-1 Attenuates Corticosteroid-Insensitive Inflammation and Airways Hyperresponsiveness in an Ozone-Induced Model of COPD. *PLoS ONE*, **2016**, 11, e0146102	3.7	38
297	Tbet Deficiency Causes T Helper Cell Dependent Airways Eosinophilia and Mucus Hypersecretion in Response to Rhinovirus Infection. *PLoS Pathogens*, **2016**, 12, e1005913	7.6	19
296	Airway Epithelial Orchestration of Innate Immune Function in Response to Virus Infection. A Focus on Asthma. *Annals of the American Thoracic Society*, **2016**, 13 Suppl 1, S55-63	4.7	31
295	A randomised, double-blind, placebo-controlled study to evaluate the efficacy of oral azithromycin as a supplement to standard care for adult patients with acute exacerbations of asthma (the AZALEA trial). *Efficacy and Mechanism Evaluation*, **2016**, 3, 1-88	1.7	1
294	Reduced sputum expression of interferon-stimulated genes in severe COPD. *International Journal of COPD*, **2016**, 11, 1485-94	3	10
293	IFN Deficiency in Asthma Attacks. Is Restoring Toll-like Receptor-7 Expression a New Treatment Approach in Severe Asthma?. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 1-3	10.2	18
292	Smoke and viruses-a hindrance to relaxing the airways?. *Clinical Science*, **2016**, 130, 839-41	6.5	
291	Functional and genetic predisposition to rhinovirus lower respiratory tract infections in prematurely born infants. *European Journal of Pediatrics*, **2016**, 175, 1943-1949	4.1	10
290	Anti-inflammatory effects of the novel inhaled phosphodiesterase type 4 inhibitor CHF6001 on virus-inducible cytokines. *Pharmacology Research and Perspectives*, **2016**, 4, e00202	3.1	13
289	Toll-like receptor 7 governs interferon and inflammatory responses to rhinovirus and is suppressed by IL-5-induced lung eosinophilia. *Thorax*, **2015**, 70, 854-61	7.3	72
288	Duration of wheezy episodes in early childhood is independent of the microbial trigger. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 1208-14.e1-5	11.5	26

287	A short-term mouse model that reproduces the immunopathological features of rhinovirus-induced exacerbation of COPD. *Clinical Science*, **2015**, 129, 245-58	6.5	32
286	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	11.5	97
285	The infant nasopharyngeal microbiome impacts severity of lower respiratory infection and risk of asthma development. *Cell Host and Microbe*, **2015**, 17, 704-15	23.4	512
284	Effect of fluticasone propionate on virus-induced airways inflammation and anti-viral immune responses in mice. *Lancet, The*, **2015**, 385 Suppl 1, S88	40	10
283	CCL7 and IRF-7 Mediate Hallmark Inflammatory and IFN Responses following Rhinovirus 1B Infection. *Journal of Immunology*, **2015**, 194, 4924-30	5.3	34
282	Echinacea reduces the risk of recurrent respiratory tract infections and complications: a meta-analysis of randomized controlled trials. *Advances in Therapy*, **2015**, 32, 187-200	4.1	35
281	The influence of asthma control on the severity of virus-induced asthma exacerbations. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 497-500.e3	11.5	34
280	Th2 cytokines impair innate immune responses to rhinovirus in respiratory epithelial cells. *Allergy: European Journal of Allergy and Clinical Immunology*, **2015**, 70, 910-20	9.3	96
279	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	11.5	72
278	National and regional asthma programmes in Europe. *European Respiratory Review*, **2015**, 24, 474-83	9.8	56
277	Novel antiviral properties of azithromycin in cystic fibrosis airway epithelial cells. *European Respiratory Journal*, **2015**, 45, 428-39	13.6	101
276	Viral lower respiratory tract infections and preterm infantsPhealthcare utilisation. *European Journal of Pediatrics*, **2015**, 174, 209-15	4.1	16
275	Zwi□zek mi□dzy infekcjami wirusowymi we wczesnym okresie □ycia a p□niejszym rozwojem astmy jest niezale□ny od rodzaju wirusa. *Alergologia Polska - Polish Journal of Allergology*, **2015**, 2, T25-T35	0.1	
274	The role of macrophage IL-10/innate IFN interplay during virus-induced asthma. *Reviews in Medical Virology*, **2015**, 25, 33-49	11.7	32
273	MACVIA-ARIA Sentinel NetworK for allergic rhinitis (MASK-rhinitis): the new generation guideline implementation. *Allergy: European Journal of Allergy and Clinical Immunology*, **2015**, 70, 1372-92	9.3	123
272	Challenges in developing a cross-serotype rhinovirus vaccine. *Current Opinion in Virology*, **2015**, 11, 83-8	7.5	58
271	RSV-specific airway resident memory CD8+ T cells and differential disease severity after experimental human infection. *Nature Communications*, **2015**, 6, 10224	17.4	155
270	Rhinovirus-induced VP1-specific Antibodies are Group-specific and Associated With Severity of Respiratory Symptoms. *EBioMedicine*, **2015**, 2, 64-70	8.8	18

269	Interleukin-18 is associated with protection against rhinovirus-induced colds and asthma exacerbations. *Clinical Infectious Diseases*, **2015**, 60, 1528-31	11.6	14
268	Pathogenesis of Viral Infection in Exacerbations of Airway Disease. *Annals of the American Thoracic Society*, **2015**, 12 Suppl 2, S115-32	4.7	56
267	Mouse models of rhinovirus infection and airways disease. *Methods in Molecular Biology*, **2015**, 1221, 181-8	1.4	15
266	Evaluation of coagulation activation after rhinovirus infection in patients with asthma and healthy control subjects: an observational study. *Respiratory Research*, **2014**, 15, 14	7.3	18
265	Experimental rhinovirus infection in COPD: implications for antiviral therapies. *Antiviral Research*, **2014**, 102, 95-105	10.8	23
264	Genetic predisposition of RSV infection-related respiratory morbidity in preterm infants. *European Journal of Pediatrics*, **2014**, 173, 905-12	4.1	32
263	Rhinovirus-induced interferon production is not deficient in well controlled asthma. *Thorax*, **2014**, 69, 240-6	7.3	101
262	Inhaled dsRNA and rhinovirus evoke neutrophilic exacerbation and lung expression of thymic stromal lymphopoietin in allergic mice with established experimental asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2014**, 69, 348-58	9.3	33
261	IL-33-dependent type 2 inflammation during rhinovirus-induced asthma exacerbations in vivo. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 190, 1373-82	10.2	363
260	Human rhinovirus 16 causes Golgi apparatus fragmentation without blocking protein secretion. *Journal of Virology*, **2014**, 88, 11671-85	6.6	23
259	The effect of inhaled IFN-□on worsening of asthma symptoms caused by viral infections. A randomized trial. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 190, 145-54	10.2	182
258	The role of bacteria in the pathogenesis and progression of idiopathic pulmonary fibrosis. *American Journal of Respiratory and Critical Care Medicine*, **2014**, 190, 906-13	10.2	320
257	Inhaled corticosteroids and pneumonia in chronic obstructive pulmonary disease. *Lancet Respiratory Medicine,the*, **2014**, 2, 919-932	35.1	54
256	Respiratory outcome of prematurely born infants following human rhinovirus A and C infections. *European Journal of Pediatrics*, **2014**, 173, 913-9	4.1	24
255	Lung function of preterm infants before and after viral infections. *European Journal of Pediatrics*, **2014**, 173, 1497-504	4.1	22
254	The role of macrolides in asthma: current evidence and future directions. *Lancet Respiratory Medicine,the*, **2014**, 2, 657-70	35.1	70
253	IL-15 complexes induce NK- and T-cell responses independent of type I IFN signaling during rhinovirus infection. *Mucosal Immunology*, **2014**, 7, 1151-64	9.2	33
252	Tolerogenic signaling by pulmonary CD1c+ dendritic cells induces regulatory T cells in patients with chronic obstructive pulmonary disease by IL-27/IL-10/inducible costimulator ligand. *Journal of Allergy and Clinical Immunology*, **2014**, 134, 944-954.e8	11.5	31

251	Lymphocyte subsets in experimental rhinovirus infection in chronic obstructive pulmonary disease. *Respiratory Medicine*, **2014**, 108, 78-85	4.6	16
250	Small interfering RNAs targeted to interleukin-4 and respiratory syncytial virus reduce airway inflammation in a mouse model of virus-induced asthma exacerbation. *Human Gene Therapy*, **2014**, 25, 642-50	4.8	29
249	Role of interleukin 33 in respiratory allergy and asthma. *Lancet Respiratory Medicine,the*, **2014**, 2, 226-37	35.1	54
248	Salmeterol attenuates chemotactic responses in rhinovirus-induced exacerbation of allergic airways disease by modulating protein phosphatase 2A. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1720-7	11.5	28
247	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, 621-30	35.1	62
246	Integrated care pathways for airway diseases (AIRWAYS-ICPs). *European Respiratory Journal*, **2014**, 44, 304-23	13.6	112
245	Bronchial platelet-activating factor receptor in chronic obstructive pulmonary disease. *Respiratory Medicine*, **2014**, 108, 898-904	4.6	10
244	Soluble major histocompatibility complex class I-related chain B molecules are increased and correlate with clinical outcomes during rhinovirus infection in healthy subjects. *Chest*, **2014**, 146, 32-40	5.3	2
243	Airway inflammation and illness severity in response to experimental rhinovirus infection in asthma. *Chest*, **2014**, 145, 1219-1229	5.3	68
242	Pathogen sensing pathways in human embryonic stem cell derived-endothelial cells: role of NOD1 receptors. *PLoS ONE*, **2014**, 9, e91119	3.7	15
241	Lower airway colonization and inflammatory response in COPD: a focus on Haemophilus influenzae. *International Journal of COPD*, **2014**, 9, 1119-32	3	32
240	Experimental rhinovirus 16 infection in moderate asthmatics on inhaled corticosteroids. *European Respiratory Journal*, **2014**, 43, 1186-9	13.6	15
239	The application of prophylactic antibodies for rhinovirus infections. *Antiviral Chemistry and Chemotherapy*, **2014**, 23, 173-7	3.5	8
238	CXC chemokines and antimicrobial peptides in rhinovirus-induced experimental asthma exacerbations. *Clinical and Experimental Allergy*, **2014**, 44, 930-9	4.1	44
237	Rhinovirus-induced IL-25 in asthma exacerbation drives type 2 immunity and allergic pulmonary inflammation. *Science Translational Medicine*, **2014**, 6, 256ra134	17.5	227
236	Neutrophil adhesion molecules in experimental rhinovirus infection in COPD. *Respiratory Research*, **2013**, 14, 72	7.3	22
235	Rhinovirus infection causes steroid resistance in airway epithelium through nuclear factor B and c-Jun N-terminal kinase activation. *Journal of Allergy and Clinical Immunology*, **2013**, 132, 1075-1085.e6	11.5	65
234	Reprogramming of lysosomal gene expression by interleukin-4 and Stat6. *BMC Genomics*, **2013**, 14, 853	4.5	14

233	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. *Nature Medicine*, **2013**, 19, 232-7	50.5	110
232	Anti-viral agents: potential utility in exacerbations of asthma. *Current Opinion in Pharmacology*, **2013**, 13, 331-6	5.1	12
231	Microbes and mucosal immune responses in asthma. *Lancet, The*, **2013**, 381, 861-73	40	118
230	The emerging role of microRNAs in regulating immune and inflammatory responses in the lung. *Immunological Reviews*, **2013**, 253, 198-215	11.3	76
229	Outgrowth of the bacterial airway microbiome after rhinovirus exacerbation of chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 188, 1224-31	10.2	262
228	An anti-human ICAM-1 antibody inhibits rhinovirus-induced exacerbations of lung inflammation. *PLoS Pathogens*, **2013**, 9, e1003520	7.6	56
227	Cross-serotype immunity induced by immunization with a conserved rhinovirus capsid protein. *PLoS Pathogens*, **2013**, 9, e1003669	7.6	55
226	Rhinovirus infection and healthcare utilisation in prematurely born infants. *European Respiratory Journal*, **2013**, 42, 1029-36	13.6	29
225	Detection of exacerbations in asthma based on electronic diary data: results from the 1-year prospective BIOAIR study. *Thorax*, **2013**, 68, 611-8	7.3	25
224	Middle airway obstruction--it may be happening under our noses. *Thorax*, **2013**, 68, 396-8	7.3	9
223	Systemic tryptophan and kynurenine catabolite levels relate to severity of rhinovirus-induced asthma exacerbation: a prospective study with a parallel-group design. *Thorax*, **2013**, 68, 1122-30	7.3	38
222	EAACI position statement on asthma exacerbations and severe asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **2013**, 68, 1520-31	9.3	81
221	Obesity and susceptibility to severe outcomes following respiratory viral infection. *Thorax*, **2013**, 68, 684-6	7.3	59
220	Impaired innate interferon induction in severe therapy resistant atopic asthmatic children. *Mucosal Immunology*, **2013**, 6, 797-806	9.2	156
219	T cells suppress inflammation and disease during rhinovirus-induced asthma exacerbations. *Mucosal Immunology*, **2013**, 6, 1091-100	9.2	31
218	Inhibiting AKT phosphorylation employing non-cytotoxic anthraquinones ameliorates TH2 mediated allergic airways disease and rhinovirus exacerbation. *PLoS ONE*, **2013**, 8, e79565	3.7	16
217	TLR3, TLR4 and TLRs7-9 Induced Interferons Are Not Impaired in Airway and Blood Cells in Well Controlled Asthma. *PLoS ONE*, **2013**, 8, e65921	3.7	35
216	Immunological pathways in virus-induced COPD exacerbations: a role for IL-15. *European Journal of Clinical Investigation*, **2012**, 42, 1010-5	4.6	7

215	Blood eosinophils to direct corticosteroid treatment of exacerbations of chronic obstructive pulmonary disease: a randomized placebo-controlled trial. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 186, 48-55	10.2	400
214	Asthma: a chronic infectious disease?. *Clinics in Chest Medicine*, **2012**, 33, 473-84	5.3	6
213	RSV infection modulates IL-15 production and MICA levels in respiratory epithelial cells. *European Respiratory Journal*, **2012**, 39, 712-20	13.6	33
212	Rhinovirus infections and immunisation induce cross-serotype reactive antibodies to VP1. *Antiviral Research*, **2012**, 95, 193-201	10.8	39
211	Defining critical roles for NF-B p65 and type I interferon in innate immunity to rhinovirus. *EMBO Molecular Medicine*, **2012**, 4, 1244-60	12	68
210	Role of PD-L1/PD-1 in the immune response to respiratory viral infections. *Microbes and Infection*, **2012**, 14, 495-9	9.3	14
209	Viruses exacerbating chronic pulmonary disease: the role of immune modulation. *BMC Medicine*, **2012**, 10, 27	11.4	58
208	Rhinovirus-induced basic fibroblast growth factor release mediates airway remodeling features. *Clinical and Translational Allergy*, **2012**, 2, 14	5.2	24
207	Rhinovirus 16-induced IFN- and IFN- are deficient in bronchoalveolar lavage cells in asthmatic patients. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 1506-1514.e6	11.5	156
206	Neonatal bronchial hyperresponsiveness precedes acute severe viral bronchiolitis in infants. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 354-61.e3	11.5	53
205	Anti-Infective Treatments in Asthma and COPD **2012**, 232-267		
204	Lung microbiology and exacerbations in COPD. *International Journal of COPD*, **2012**, 7, 555-69	3	71
203	The microbiology of asthma. *Nature Reviews Microbiology*, **2012**, 10, 459-71	22.2	130
202	Lack of an exaggerated inflammatory response on virus infection in cystic fibrosis. *European Respiratory Journal*, **2012**, 39, 297-304	13.6	34
201	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, 1117-24	10.2	191
200	Impaired type I and type III interferon induction and rhinovirus control in human cystic fibrosis airway epithelial cells. *Thorax*, **2012**, 67, 517-25	7.3	32
199	Febrile respiratory illnesses in infancy and atopy are risk factors for persistent asthma and wheeze. *European Respiratory Journal*, **2012**, 39, 876-82	13.6	84
198	Pandemic influenza A (H1N1) virus 2009 in a prospectively followed cohort of prematurely born infants. *Pediatric Infectious Disease Journal*, **2012**, 31, 91-2	3.4	3

197	Microbiologic Diagnosis of Respiratory Illness: Practical Applications **2012**, 399-423		0
196	Acute exacerbations of chronic obstructive pulmonary disease: identification of biologic clusters and their biomarkers. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 662-71	10.2	662
195	LTB4 increases nasal neutrophil activity and conditions neutrophils to exert antiviral effects. *Respiratory Medicine*, **2011**, 105, 997-1006	4.6	31
194	Asthma exacerbations: origin, effect, and prevention. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 1165-74	11.5	235
193	Viruses and bacteria in acute asthma exacerbations--a GA□LEN-DARE systematic review. *Allergy: European Journal of Allergy and Clinical Immunology*, **2011**, 66, 458-68	9.3	192
192	Rhinovirus infection induces expression of airway remodelling factors in vitro and in vivo. *Respirology*, **2011**, 16, 367-77	3.6	35
191	Interferon-lambda as a new approach for treatment of allergic asthma?. *EMBO Molecular Medicine*, **2011**, 3, 306-8	12	12
190	Lung function prior to viral lower respiratory tract infections in prematurely born infants. *Thorax*, **2011**, 66, 468-73	7.3	50
189	RSV-induced bronchial epithelial cell PD-L1 expression inhibits CD8+ T cell nonspecific antiviral activity. *Journal of Infectious Diseases*, **2011**, 203, 85-94	7	55
188	Role of interleukin-1 and MyD88-dependent signaling in rhinovirus infection. *Journal of Virology*, **2011**, 85, 7912-21	6.6	33
187	Experimental rhinovirus infection as a human model of chronic obstructive pulmonary disease exacerbation. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 183, 734-42	10.2	283
186	The role of IL-15 deficiency in the pathogenesis of virus-induced asthma exacerbations. *PLoS Pathogens*, **2011**, 7, e1002114	7.6	51
185	Rhinovirus infection induces extracellular matrix protein deposition in asthmatic and nonasthmatic airway smooth muscle cells. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2011**, 300, L951-7	5.8	31
184	Development and implementation of guidelines in allergic rhinitis □an ARIA-GA2LEN paper. *Allergy: European Journal of Allergy and Clinical Immunology*, **2010**, 65, 1212-21	9.3	71
183	Thorax 2010: celebrating the success of an international respiratory journal. *Thorax*, **2010**, 65, 755-756	7.3	
182	Azithromycin induces anti-viral responses in bronchial epithelial cells. *European Respiratory Journal*, **2010**, 36, 646-54	13.6	219
181	Rhinovirus induces MUC5AC in a human infection model and in vitro via NF-B and EGFR pathways. *European Respiratory Journal*, **2010**, 36, 1425-35	13.6	83
180	Co-ordinated role of TLR3, RIG-I and MDA5 in the innate response to rhinovirus in bronchial epithelium. *PLoS Pathogens*, **2010**, 6, e1001178	7.6	236

179	Association of bacteria and viruses with wheezy episodes in young children: prospective birth cohort study. *BMJ, The*, **2010**, 341, c4978	5.9	219
178	The role of viruses in acute exacerbations of asthma. *Journal of Allergy and Clinical Immunology*, **2010**, 125, 1178-87; quiz 1188-9	11.5	241
177	Mechanisms of adverse effects of {beta}-agonists in asthma. *Thorax*, **2009**, 64, 739-41	7.3	23
176	New paradigms in the pathogenesis of chronic obstructive pulmonary disease II. *Proceedings of the American Thoracic Society*, **2009**, 6, 532-4		50
175	Targeting the NF-kappaB pathway in asthma and chronic obstructive pulmonary disease **2009**, 121, 1-13		271
174	Respiratory virus induction of alpha-, beta- and lambda-interferons in bronchial epithelial cells and peripheral blood mononuclear cells. *Allergy: European Journal of Allergy and Clinical Immunology*, **2009**, 64, 375-86	9.3	158
173	Cough and viruses in airways disease: mechanisms. *Pulmonary Pharmacology and Therapeutics*, **2009** , 22, 108-13	3.5	33
172	Genetics and epidemiology: asthma and infection. *Current Opinion in Allergy and Clinical Immunology*, **2009**, 9, 395-400	3.3	31
171	Mouse models of rhinovirus-induced disease and exacerbation of allergic airway inflammation. *Nature Medicine*, **2008**, 14, 199-204	50.5	285
170	Important research questions in allergy and related diseases: nonallergic rhinitis: a GA2LEN paper. *Allergy: European Journal of Allergy and Clinical Immunology*, **2008**, 63, 842-53	9.3	137
169	Cord blood hemopoietic progenitor profiles predict acute respiratory symptoms in infancy. *Pediatric Allergy and Immunology*, **2008**, 19, 239-47	4.2	16
168	Rhinovirus infection and house dust mite exposure synergize in inducing bronchial epithelial cell interleukin-8 release. *Clinical and Experimental Allergy*, **2008**, 38, 1615-26	4.1	38
167	Etiology of asthma exacerbations. *Journal of Allergy and Clinical Immunology*, **2008**, 122, 685-688	11.5	72
166	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, 13562-7	11.5	369
165	Role of xanthine oxidase activation and reduced glutathione depletion in rhinovirus induction of inflammation in respiratory epithelial cells. *Journal of Biological Chemistry*, **2008**, 283, 28595-606	5.4	44
164	Rhinovirus exposure impairs immune responses to bacterial products in human alveolar macrophages. *Thorax*, **2008**, 63, 519-25	7.3	115
163	Human rhinovirus 1B exposure induces phosphatidylinositol 3-kinase-dependent airway inflammation in mice. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 177, 1111-21	10.2	106
162	Role of respiratory viral infections in the development of atopic conditions. *Current Opinion in Allergy and Clinical Immunology*, **2008**, 8, 150-3	3.3	12

161	Respiratory syncytial virus persistence in chronic obstructive pulmonary disease. *Pediatric Infectious Disease Journal*, **2008**, 27, S63-70	3.4	68
160	Early-life respiratory viral infections, atopic sensitization, and risk of subsequent development of persistent asthma. *Journal of Allergy and Clinical Immunology*, **2007**, 119, 1105-10	11.5	549
159	IFN-gamma-induced protein 10 is a novel biomarker of rhinovirus-induced asthma exacerbations. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 586-93	11.5	142
158	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, 457-70	9.3	75
157	Signalling pathways mediating type I interferon gene expression. *Microbes and Infection*, **2007**, 9, 1245-51	3.3	19
156	Exacerbations of asthma and chronic obstructive pulmonary disease (COPD): focus on virus induced exacerbations. *Current Pharmaceutical Design*, **2007**, 13, 73-97	3.3	53
155	Diagnosis of pathogens in exacerbations of chronic obstructive pulmonary disease. *Proceedings of the American Thoracic Society*, **2007**, 4, 642-6		27
154	Corticosteroids and beta2 agonists differentially regulate rhinovirus-induced interleukin-6 via distinct Cis-acting elements. *Journal of Biological Chemistry*, **2007**, 282, 15366-75	5.4	56
153	Innate immunity in the pathogenesis of virus-induced asthma exacerbations. *Proceedings of the American Thoracic Society*, **2007**, 4, 267-70		73
152	A human rhinovirus model of chronic obstructive pulmonary disease exacerbations. *Contributions To Microbiology*, **2007**, 14, 101-112		4
151	Models of infection and exacerbations in COPD. *Current Opinion in Pharmacology*, **2007**, 7, 259-65	5.1	6
150	Protein kinase R, IkappaB kinase-beta and NF-kappaB are required for human rhinovirus induced pro-inflammatory cytokine production in bronchial epithelial cells. *Molecular Immunology*, **2007**, 44, 1587-97	4.3	33
149	The role of antibiotics in asthma. *International Journal of Antimicrobial Agents*, **2007**, 29, 485-93	14.3	28
148	Pathophysiology of viral-induced exacerbations of COPD. *International Journal of COPD*, **2007**, 2, 477-83	3	11
147	Influenza infection and COPD. *International Journal of COPD*, **2007**, 2, 55-64	3	45
146	Rhinovirus infections: more than a common cold. *American Journal of Respiratory and Critical Care Medicine*, **2006**, 174, 1284-5	10.2	23
145	Combination therapy: Synergistic suppression of virus-induced chemokines in airway epithelial cells. *American Journal of Respiratory Cell and Molecular Biology*, **2006**, 34, 616-24	5.7	86
144	Respiratory syncytial virus, airway inflammation, and FEV1 decline in patients with chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*, **2006**, 173, 871-6	10.2	139

143	Molecular mechanisms of respiratory virus-induced asthma and COPD exacerbations and pneumonia. *Current Medicinal Chemistry*, **2006**, 13, 2267-90	4.3	22
142	Local CD11c+ MHC class II- precursors generate lung dendritic cells during respiratory viral infection, but are depleted in the process. *Journal of Immunology*, **2006**, 177, 2536-42	5.3	44
141	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, 376-82	7.3	331
140	Rhinovirus replication in human macrophages induces NF-kappaB-dependent tumor necrosis factor alpha production. *Journal of Virology*, **2006**, 80, 8248-58	6.6	83
139	Thorax update for the 60th year (October 2005–September 2006). *Thorax*, **2006**, 61, 1035-1036	7.3	78
138	Expression of programmed death-1 ligand (PD-L) 1, PD-L2, B7-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, 404-12	7	84
137	The effect of telithromycin in acute exacerbations of asthma. *New England Journal of Medicine*, **2006**, 354, 1589-600	59.2	229
136	Infections and airway inflammation in chronic obstructive pulmonary disease severe exacerbations. *American Journal of Respiratory and Critical Care Medicine*, **2006**, 173, 1114-21	10.2	731
135	Macrolide antibiotics and asthma treatment. *Journal of Allergy and Clinical Immunology*, **2006**, 117, 1233-6	11.5	41
134	An experimental model of rhinovirus induced chronic obstructive pulmonary disease exacerbations: a pilot study. *Respiratory Research*, **2006**, 7, 116	7.3	80
133	Increased proinflammatory responses from asthmatic human airway smooth muscle cells in response to rhinovirus infection. *Respiratory Research*, **2006**, 7, 71	7.3	57
132	The September epidemic of asthma hospitalization: school children as disease vectors. *Journal of Allergy and Clinical Immunology*, **2006**, 117, 557-62	11.5	135
131	Echinacea in the prevention of induced rhinovirus colds: a meta-analysis. *Clinical Therapeutics*, **2006**, 28, 174-83	3.5	89
130	New treatment regimes for virus-induced exacerbations of asthma. *Pulmonary Pharmacology and Therapeutics*, **2006**, 19, 320-34	3.5	24
129	Diagnosis of Viral Respiratory Illness: Practical Applications **2006**, 388-403		1
128	Role of respiratory viruses in acute upper and lower respiratory tract illness in the first year of life: a birth cohort study. *Pediatric Infectious Disease Journal*, **2006**, 25, 680-6	3.4	337
127	How viral infections cause exacerbation of airway diseases. *Chest*, **2006**, 130, 1203-10	5.3	119
126	Role of deficient type III interferon-lambda production in asthma exacerbations. *Nature Medicine*, **2006**, 12, 1023-6	50.5	800

125	Aetiological role of viral and bacterial infections in acute adult lower respiratory tract infection (LRTI) in primary care. *Thorax*, **2006**, 61, 75-9	7.3	59
124	Increased interleukin-4, interleukin-5, and interferon-gamma in airway CD4+ and CD8+ T cells in atopic asthma. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 171, 224-30	10.2	184
123	IL-1beta induces IL-8 in bronchial cells via NF-kappaB and NF-IL6 transcription factors and can be suppressed by glucocorticoids. *Pulmonary Pharmacology and Therapeutics*, **2005**, 18, 337-45	3.5	33
122	IL-4 increases type 2, but not type 1, cytokine production in CD8+ T cells from mild atopic asthmatics. *Respiratory Research*, **2005**, 6, 67	7.3	7
121	The September epidemic of asthma exacerbations in children: a search for etiology. *Journal of Allergy and Clinical Immunology*, **2005**, 115, 132-8	11.5	249
120	Oral oseltamivir improves pulmonary function and reduces exacerbation frequency for influenza-infected children with asthma. *Pediatric Infectious Disease Journal*, **2005**, 24, 225-32	3.4	77
119	Frequency of detection of picornaviruses and seven other respiratory pathogens in infants. *Pediatric Infectious Disease Journal*, **2005**, 24, 611-6	3.4	79
118	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, S217-22, discussion S220-1	3.4	66
117	Asthmatic bronchial epithelial cells have a deficient innate immune response to infection with rhinovirus. *Journal of Experimental Medicine*, **2005**, 201, 937-47	16.6	928
116	Impact of viruses on airway diseases. *European Respiratory Review*, **2005**, 14, 57-61	9.8	9
115	Gas cooking and smoking habits and the risk of childhood and adolescent wheeze. *American Journal of Epidemiology*, **2005**, 162, 513-22	3.8	28
114	Rhinovirus viremia in children with respiratory infections. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 172, 1037-40	10.2	91
113	Chlamydophila pneumoniae and Mycoplasma pneumoniae: a role in asthma pathogenesis?. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 172, 1078-89	10.2	155
112	Overview of virus-induced airway disease. *Proceedings of the American Thoracic Society*, **2005**, 2, 150-6		75
111	Montelukast reduces asthma exacerbations in 2- to 5-year-old children with intermittent asthma. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 171, 315-22	10.2	275
110	Toll-like receptor 3 is induced by and mediates antiviral activity against rhinovirus infection of human bronchial epithelial cells. *Journal of Virology*, **2005**, 79, 12273-9	6.6	183
109	Journal impact factors for 2004: another rise for Thorax. *Thorax*, **2005**, 60, 712	7.3	2
108	Thorax Annual Report October 2004–September 2005. *Thorax*, **2005**, 60, 987-988	7.3	78

107	Detection of airborne rhinovirus and its relation to outdoor air supply in office environments. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 169, 1187-90	10.2	101
106	Thank you to all Thorax reviewers. *Thorax*, **2004**, 59, 6-7	7.3	78
105	Increased frequency of detection of Chlamydophila pneumoniae in asthma. *European Respiratory Journal*, **2004**, 24, 745-9	13.6	48
104	Host defense function of the airway epithelium in health and disease: clinical background. *Journal of Leukocyte Biology*, **2004**, 75, 5-17	6.5	116
103	Unravelling synergistic immune interactions between respiratory virus infections and allergic airway inflammation. *Clinical and Experimental Allergy*, **2004**, 34, 1153-5	4.1	4
102	Mechanisms of rhinovirus-induced asthma. *Paediatric Respiratory Reviews*, **2004**, 5, 255-60	4.8	68
101	PMA induces the MUC5AC respiratory mucin in human bronchial epithelial cells, via PKC, EGF/TGF-alpha, Ras/Raf, MEK, ERK and Sp1-dependent mechanisms. *Journal of Molecular Biology*, **2004**, 344, 683-95	6.5	147
100	Pathogenesis of respiratory syncytial virus bronchiolitis-related wheezing. *Paediatric Respiratory Reviews*, **2004**, 5 Suppl A, S179-84	4.8	38
99	Type 2 cytokines in respiratory syncytial virus bronchiolitis. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 169, 1167-8; author reply 1168	10.2	4
98	Air pollution and infection in respiratory illness. *British Medical Bulletin*, **2003**, 68, 95-112	5.4	150
97	Experimental models of rhinovirus-induced exacerbations of asthma: where to now?. *American Journal of Respiratory and Critical Care Medicine*, **2003**, 168, 1145-6	10.2	12
96	Airborne rhinovirus detection and effect of ultraviolet irradiation on detection by a semi-nested RT-PCR assay. *BMC Public Health*, **2003**, 3, 5	4.1	42
95	Personal exposure to nitrogen dioxide (NO2) and the severity of virus-induced asthma in children. *Lancet, The*, **2003**, 361, 1939-44	40	238
94	Use of induced sputum for the diagnosis of influenza and infections in asthma: a comparison of diagnostic techniques. *Journal of Clinical Virology*, **2003**, 26, 339-46	14.5	37
93	Type 1 and type 2 cytokine imbalance in acute respiratory syncytial virus bronchiolitis. *American Journal of Respiratory and Critical Care Medicine*, **2003**, 168, 633-9	10.2	295
92	Cytokine production of RSV/PHA-stimulated tonsillar mononuclear cells: influences of age and atopy. *European Respiratory Journal*, **2003**, 22, 317-22	13.6	9
91	New year: new editors. *Thorax*, **2003**, 58, 1-2	7.3	174
90	The ENFUMOSA cross-sectional European multicentre study of the clinical phenotype of chronic severe asthma. European Network for Understanding Mechanisms of Severe Asthma. *European Respiratory Journal*, **2003**, 22, 470-7	13.6	604

89	Mouse respiratory epithelial cells support efficient replication of human rhinovirus. *Journal of General Virology*, **2003**, 84, 2829-2836	4.9	50
88	Respiratory viruses: do they protect from or induce asthma?. *Allergy: European Journal of Allergy and Clinical Immunology*, **2002**, 57, 1118-29	9.3	26
87	Rhinovirus-induced alterations on peripheral blood mononuclear cell phenotype and costimulatory molecule expression in normal and atopic asthmatic subjects. *Clinical and Experimental Allergy*, **2002**, 32, 537-42	4.1	42
86	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, 427-33	4.1	54
85	Increased aeroallergen-specific interleukin-4-producing T cells in asthmatic adults. *Clinical and Experimental Allergy*, **2002**, 32, 1739-44	4.1	12
84	Synergism between allergens and viruses and risk of hospital admission with asthma: case-control study. *BMJ, The*, **2002**, 324, 763	5.9	264
83	Reducing agents inhibit rhinovirus-induced up-regulation of the rhinovirus receptor intercellular adhesion molecule-1 (ICAM-1) in respiratory epithelial cells. *FASEB Journal*, **2002**, 16, 1934-6	0.9	44
82	A defective type 1 response to rhinovirus in atopic asthma. *Thorax*, **2002**, 57, 328-32	7.3	180
81	A hypothesis: antenatal sensitisation to respiratory syncytial virus in viral bronchiolitis. *Archives of Disease in Childhood*, **2002**, 86, 431-3	2.2	12
80	Neutrophil degranulation and cell lysis is associated with clinical severity in virus-induced asthma. *European Respiratory Journal*, **2002**, 19, 68-75	13.6	283
79	Rhinovirus infection increases 5-lipoxygenase and cyclooxygenase-2 in bronchial biopsy specimens from nonatopic subjects. *Journal of Infectious Diseases*, **2002**, 185, 540-4	7	60
78	Chlamydia pneumoniae immunoglobulin A reactivation and airway inflammation in acute asthma. *European Respiratory Journal*, **2002**, 20, 834-40	13.6	67
77	Viruses in asthma. *British Medical Bulletin*, **2002**, 61, 29-43	5.4	63
76	Respiratory Syncytial Virus Infection: Determinants of Disease Severity. *Clinical Pulmonary Medicine*, **2002**, 9, 306-314	0.3	
75	Chlamydia pneumoniae and COPD exacerbation. *Thorax*, **2002**, 57, 1087-8; author reply 1088-9	7.3	27
74	Review of the molecular and cellular mechanisms of action of glucocorticoids for use in asthma. *Pulmonary Pharmacology and Therapeutics*, **2002**, 15, 35-50	3.5	115
73	Frequency, severity, and duration of rhinovirus infections in asthmatic and non-asthmatic individuals: a longitudinal cohort study. *Lancet, The*, **2002**, 359, 831-4	40	444
72	Anti-influenza therapies. *Virus Research*, **2002**, 82, 147-52	6.4	13

71	The role of viruses in the induction and progression of asthma. *Current Allergy and Asthma Reports*, **2001**, 1, 144-52	5.6	11
70	Rhinovirus infection up-regulates eotaxin and eotaxin-2 expression in bronchial epithelial cells. *Clinical and Experimental Allergy*, **2001**, 31, 1060-6	4.1	90
69	Is Chlamydia pneumoniae important in asthma? The first controlled trial of therapy leaves the question unanswered. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 164, 513-4	10.2	24
68	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, 1618-23	10.2	742
67	Induction of type 2 activity in adult human CD8(+) T cells by repeated stimulation and IL-4. *International Immunology*, **2001**, 13, 341-8	4.9	16
66	The immunology of virus infection in asthma. *European Respiratory Journal*, **2001**, 18, 1013-25	13.6	72
65	The relationship between atopic status and IL-10 nasal lavage levels in the acute and persistent inflammatory response to upper respiratory tract infection. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 163, 1101-7	10.2	42
64	Activated, cytotoxic CD8(+) T lymphocytes contribute to the pathology of asthma death. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 164, 560-4	10.2	123
63	Effect of desloratadine and loratadine on rhinovirus-induced intercellular adhesion molecule 1 upregulation and promoter activation in respiratory epithelial cells. *Journal of Allergy and Clinical Immunology*, **2001**, 108, 221-8	11.5	45
62	Zanamivir: a review of clinical safety in individuals at high risk of developing influenza-related complications. *Drug Safety*, **2001**, 24, 1113-25	5.1	17
61	The practical implications of diagnosis. *Practice Nursing*, **2001**, 12, 399-402	0.1	
60	The protective effect of childhood infections. *BMJ: British Medical Journal*, **2001**, 322, 376-7		20
59	Peak expiratory flow changes during experimental rhinovirus infection. *European Respiratory Journal*, **2000**, 16, 980-5	13.6	29
58	Rhinovirus infection induces major histocompatibility complex class I and costimulatory molecule upregulation on respiratory epithelial cells. *Journal of Infectious Diseases*, **2000**, 181, 1780-4	7	53
57	Rhinoviruses infect the lower airways. *Journal of Infectious Diseases*, **2000**, 181, 1875-84	7	445
56	Corticosteroids inhibit rhinovirus-induced intercellular adhesion molecule-1 up-regulation and promoter activation on respiratory epithelial cells. *Journal of Allergy and Clinical Immunology*, **2000**, 105, 318-26	11.5	50
55	RANTES, macrophage-inhibitory protein 1alpha, and the eosinophil product major basic protein are released into upper respiratory secretions during virus-induced asthma exacerbations in children. *Journal of Infectious Diseases*, **1999**, 179, 677-81	7	71
54	Rhinovirus infection induces expression of its own receptor intercellular adhesion molecule 1 (ICAM-1) via increased NF-kappaB-mediated transcription. *Journal of Biological Chemistry*, **1999**, 274, 9707-20	5.4	255

53	Respiratory epithelial cell expression of vascular cell adhesion molecule-1 and its up-regulation by rhinovirus infection via NF-kappaB and GATA transcription factors. *Journal of Biological Chemistry*, **1999**, 274, 30041-51	5.4	73
52	Rhinovirus identification by BglI digestion of picornavirus RT-PCR amplicons. *Journal of Virological Methods*, **1999**, 80, 179-85	2.6	50
51	A multiplex RT-PCR for the detection of parainfluenza viruses 1-3 in clinical samples. *Journal of Virological Methods*, **1999**, 82, 9-18	2.6	27
50	Rhinoviruses replicate effectively at lower airway temperatures. *Journal of Medical Virology*, **1999**, 58, 100-4	19.7	130
49	The role of viral and atypical bacterial pathogens in asthma pathogenesis. *Pediatric Pulmonology*, **1999**, 27, 141-143	3.5	27
48	Asthma survey items as predictors of respiratory problems in children 2 yrs later: a longitudinal study. *European Respiratory Journal*, **1999**, 14, 650-8	13.6	8
47	The role of viral and atypical bacterial pathogens in asthma pathogenesis **1999**, 27, 141		1
46	Viruses and asthma. *Allergy: European Journal of Allergy and Clinical Immunology*, **1998**, 53, 922-32	9.3	39
45	Asthma and natural colds. Inflammatory indices in induced sputum: a feasibility study. *American Journal of Respiratory and Critical Care Medicine*, **1998**, 158, 1178-84	10.2	176
44	Chronic Chlamydia pneumoniae infection and asthma exacerbations in children. *European Respiratory Journal*, **1998**, 11, 345-9	13.6	155
43	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, 1362-6	10.2	145
42	Rhinoviruses induce interleukin-8 mRNA and protein production in human monocytes. *Journal of Infectious Diseases*, **1997**, 175, 323-9	7	57
41	Problems and prospects of developing effective therapy for common cold viruses. *Trends in Microbiology*, **1997**, 5, 58-63	12.4	17
40	A comparison of RT-PCR, in-situ hybridisation and in-situ RT-PCR for the detection of rhinovirus infection in paraffin sections. *Journal of Virological Methods*, **1997**, 67, 153-60	2.6	23
39	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, 654-60	10.2	458
38	Epidemiology of Viral Respiratory Tract Infections **1996**, 1-38		27
37	Increased sensitivity to the consequences of rhinoviral infection in atopic subjects. *Chest*, **1995**, 107, 157S	5.3	4
36	Natural and experimental rhinovirus infections of the lower respiratory tract. *American Journal of Respiratory and Critical Care Medicine*, **1995**, 152, S46-52	10.2	69

35	Lower airways inflammation during rhinovirus colds in normal and in asthmatic subjects. *American Journal of Respiratory and Critical Care Medicine*, **1995**, 151, 879-86	10.2	140
34	Prostaglandin D2-induced bronchoconstriction is mediated only in part by the thromboxane prostanoid receptor. *European Respiratory Journal*, **1995**, 8, 411-5	13.6	59
33	Community study of role of viral infections in exacerbations of asthma in 9-11 year old children. *BMJ: British Medical Journal*, **1995**, 310, 1225-9		1412
32	Spectrum of activity of soluble intercellular adhesion molecule-1 against rhinovirus reference strains and field isolates. *Antimicrobial Agents and Chemotherapy*, **1994**, 38, 1413-5	5.9	22
31	Immunohistochemical analysis of nasal biopsies during rhinovirus experimental colds. *American Journal of Respiratory and Critical Care Medicine*, **1994**, 150, 1130-6	10.2	39
30	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, 1142-8	10.2	85
29	Amplified rhinovirus colds in atopic subjects. *Clinical and Experimental Allergy*, **1994**, 24, 457-64	4.1	77
28	Leukocyte responses to experimental infection with human rhinovirus. *Journal of Allergy and Clinical Immunology*, **1994**, 94, 1255-62	11.5	11
27	Leukotrienes as a target in asthma therapy. *Drugs*, **1994**, 47, 12-24	12.1	51
26	Detection of rhinovirus infection of the nasal mucosa by oligonucleotide in situ hybridization. *American Journal of Respiratory Cell and Molecular Biology*, **1994**, 10, 207-13	5.7	62
25	The effect of local hyperthermia on allergen-induced nasal congestion and mediator release. *Journal of Allergy and Clinical Immunology*, **1993**, 92, 850-6	11.5	15
24	The effect of BAY u 3405, a thromboxane receptor antagonist, on prostaglandin D2-induced nasal blockage. *Journal of Allergy and Clinical Immunology*, **1993**, 91, 903-9	11.5	27
23	Comparison of 3Pand 5Pbiotin labelled oligonucleotides for in situ hybridisation. *Histochemistry*, **1993**, 100, 387-92		3
22	Viruses as precipitants of asthma symptoms. III. Rhinoviruses: molecular biology and prospects for future intervention. *Clinical and Experimental Allergy*, **1993**, 23, 237-46	4.1	34
21	Use of polymerase chain reaction for diagnosis of picornavirus infection in subjects with and without respiratory symptoms. *Journal of Clinical Microbiology*, **1993**, 31, 111-7	9.7	190
20	Attenuation of exercise induced asthma by local hyperthermia. *Thorax*, **1992**, 47, 592-7	7.3	6
19	The effects of an oral thromboxane TP receptor antagonist BAY u 3405, on prostaglandin D2- and histamine-induced bronchoconstriction in asthma, and relationship to plasma drug concentrations. *British Journal of Clinical Pharmacology*, **1992**, 34, 402-8	3.8	36
18	Longitudinal changes in skin-prick test reactivity over 2 years in a population of schoolchildren with respiratory symptoms. *Clinical and Experimental Allergy*, **1992**, 22, 948-57	4.1	20

17	Viruses as precipitants of asthma symptoms. II. Physiology and mechanisms. *Clinical and Experimental Allergy*, **1992**, 22, 809-22	4.1	95
16	Viruses as precipitants of asthma symptoms. I. Epidemiology. *Clinical and Experimental Allergy*, **1992** , 22, 325-36	4.1	258
15	A simultaneous, noninvasive comparison with sinus rhythm, of two activity sensing, rate adaptive pacemakers, in an elderly population. *PACE - Pacing and Clinical Electrophysiology*, **1991**, 14, 20-7	1.6	3
14	Cardiac tamponade due to pneumopericardium. *Thorax*, **1988**, 43, 482-3	7.3	7
13	Rhinoviruses361-377		2
12	Parainfluenza Viruses299-321		
11	Rhinovirus infection induces expression of airway remodelling factors in vitro and in vivo		1
10	Viral infection76-96		2
9	Inhaled corticosteroids downregulate the SARS-CoV-2 receptor ACE2 in COPD through suppression of type I interferon		5
8	Evaluation of the Abbott Architect, Roche Elecsys and Virtus S1 SARS-CoV-2 antibody tests in community-managed COVID-19 cases		1
7	Dynamics of the upper airway microbiome in the pathogenesis of asthma-associated persistent wheeze in preschool children		4
6	Genome-wide profiling of an enhancer-associated histone modification reveals the influence of asthma on the epigenome of the airway epithelium		2
5	Anti-microbial immunity is impaired in COPD patients with frequent exacerbations		1
4	MUC5AC drives COPD exacerbation severity through amplification of virus-induced airway inflammation		3
3	Rhinoviruses329-343		
2	Parainfluenza Viruses409-439		3
1	Rhinoviruses489-510		