

Peter J M Openshaw

List of Publications by Citations

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247
papers

16,322
citations

67
h-index

122
g-index

340
ext. papers

20,954
ext. citations

11.7
avg, IF

6.64
L-index

#	Paper	IF	Citations
247	Features of 20 133 UK patients in hospital with covid-19 using the ISARIC WHO Clinical Characterisation Protocol: prospective observational cohort study. <i>BMJ, The</i> , 2020 , 369, m1985	5.9	1552
246	Broad and strong memory CD4 and CD8 T cells induced by SARS-CoV-2 in UK convalescent individuals following COVID-19. <i>Nature Immunology</i> , 2020 , 21, 1336-1345	19.1	615
245	IFITM3 restricts the morbidity and mortality associated with influenza. <i>Nature</i> , 2012 , 484, 519-23	50.4	537
244	Heterogeneity of intracellular cytokine synthesis at the single-cell level in polarized T helper 1 and T helper 2 populations. <i>Journal of Experimental Medicine</i> , 1995 , 182, 1357-67	16.6	495
243	Genetic mechanisms of critical illness in COVID-19. <i>Nature</i> , 2021 , 591, 92-98	50.4	451
242	Cytotoxic T cells clear virus but augment lung pathology in mice infected with respiratory syncytial virus. <i>Journal of Experimental Medicine</i> , 1988 , 168, 1163-8	16.6	399
241	Risk stratification of patients admitted to hospital with covid-19 using the ISARIC WHO Clinical Characterisation Protocol: development and validation of the 4C Mortality Score. <i>BMJ, The</i> , 2020 , 370, m3339	5.9	378
240	Reversibility of T helper 1 and 2 populations is lost after long-term stimulation. <i>Journal of Experimental Medicine</i> , 1996 , 183, 901-13	16.6	360
239	Circulating SARS-CoV-2 spike N439K variants maintain fitness while evading antibody-mediated immunity. <i>Cell</i> , 2021 , 184, 1171-1187.e20	56.2	331
238	Bronchiolitis. <i>Lancet, The</i> , 2006 , 368, 312-22	40	327
237	Distinct types of lung disease caused by functional subsets of antiviral T cells. <i>Journal of Experimental Medicine</i> , 1994 , 179, 81-9	16.6	269
236	Clinical characteristics of children and young people admitted to hospital with covid-19 in United Kingdom: prospective multicentre observational cohort study. <i>BMJ, The</i> , 2020 , 370, m3249	5.9	259
235	Inhibition of tumor necrosis factor reduces the severity of virus-specific lung immunopathology. <i>European Journal of Immunology</i> , 2001 , 31, 2566-73	6.1	240
234	Immune responses and disease enhancement during respiratory syncytial virus infection. <i>Clinical Microbiology Reviews</i> , 2005 , 18, 541-55	34	237
233	The respiratory syncytial virus vaccine landscape: lessons from the graveyard and promising candidates. <i>Lancet Infectious Diseases, The</i> , 2018 , 18, e295-e311	25.5	218
232	Tracheostomy in the COVID-19 era: global and multidisciplinary guidance. <i>Lancet Respiratory Medicine, the</i> , 2020 , 8, 717-725	35.1	212
231	Age at first viral infection determines the pattern of T cell-mediated disease during reinfection in adulthood. <i>Journal of Experimental Medicine</i> , 2002 , 196, 1381-6	16.6	211

230	CD8+ T cells control Th2-driven pathology during pulmonary respiratory syncytial virus infection. <i>European Journal of Immunology</i> , 1997 , 27, 3341-9	6.1	202
229	Pulmonary eosinophilic response to respiratory syncytial virus infection in mice sensitized to the major surface glycoprotein G. <i>International Immunology</i> , 1992 , 4, 493-500	4.9	192
228	Flow cytometric measurement of intracellular cytokines. <i>Journal of Immunological Methods</i> , 2000 , 243, 107-24	2.5	181
227	Risk factors for hospitalisation and poor outcome with pandemic A/H1N1 influenza: United Kingdom first wave (May-September 2009). <i>Thorax</i> , 2010 , 65, 645-51	7.3	179
226	Impaired Antibody-mediated Protection and Defective IgA B-Cell Memory in Experimental Infection of Adults with Respiratory Syncytial Virus. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1040-9	10.2	163
225	A potential molecular mechanism for hypersensitivity caused by formalin-inactivated vaccines. <i>Nature Medicine</i> , 2006 , 12, 905-7	50.5	161
224	RSV-specific airway resident memory CD8+ T cells and differential disease severity after experimental human infection. <i>Nature Communications</i> , 2015 , 6, 10224	17.4	155
223	Alveolar macrophages are a major determinant of early responses to viral lung infection but do not influence subsequent disease development. <i>Journal of Virology</i> , 2008 , 82, 4441-8	6.6	155
222	Respiratory syncytial virus, airway inflammation, and FEV1 decline in patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 173, 871-6	10.2	139
221	EULAR provisional recommendations for the management of rheumatic and musculoskeletal diseases in the context of SARS-CoV-2. <i>Annals of the Rheumatic Diseases</i> , 2020 , 79, 851-858	2.4	133
220	Regulatory T cells expressing granzyme B play a critical role in controlling lung inflammation during acute viral infection. <i>Mucosal Immunology</i> , 2012 , 5, 161-72	9.2	133
219	The microbiology of asthma. <i>Nature Reviews Microbiology</i> , 2012 , 10, 459-71	22.2	130
218	Latency and persistence of respiratory syncytial virus despite T cell immunity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 801-5	10.2	126
217	CD4+ T cells clear virus but augment disease in mice infected with respiratory syncytial virus. Comparison with the effects of CD8+ T cells. <i>Clinical and Experimental Immunology</i> , 1992 , 88, 527-36	6.2	123
216	CD25+ natural regulatory T cells are critical in limiting innate and adaptive immunity and resolving disease following respiratory syncytial virus infection. <i>Journal of Virology</i> , 2010 , 84, 8790-8	6.6	120
215	Immunopathogenesis of vaccine-enhanced RSV disease. <i>Vaccine</i> , 2001 , 20 Suppl 1, S27-31	4.1	119
214	Microbes and mucosal immune responses in asthma. <i>Lancet, The</i> , 2013 , 381, 861-73	40	118
213	Eliminating a region of respiratory syncytial virus attachment protein allows induction of protective immunity without vaccine-enhanced lung eosinophilia. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1921-8	16.6	117

212	Protective and Harmful Immunity to RSV Infection. <i>Annual Review of Immunology</i> , 2017 , 35, 501-532	34.7	116
211	Immunity to RSV in Early-Life. <i>Frontiers in Immunology</i> , 2014 , 5, 466	8.4	113
210	Immunity and immunopathology to respiratory syncytial virus. The mouse model. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995 , 152, S59-62	10.2	108
209	Influenza virus lung infection protects from respiratory syncytial virus-induced immunopathology. <i>Journal of Experimental Medicine</i> , 2000 , 192, 1317-26	16.6	106
208	Human cytotoxic T cells stimulated by antigen on dendritic cells recognize the N, SH, F, M, 22K, and 1b proteins of respiratory syncytial virus. <i>Journal of Virology</i> , 1992 , 66, 2102-10	6.6	106
207	Global Disease Burden Estimates of Respiratory Syncytial Virus-Associated Acute Respiratory Infection in Older Adults in 2015: A Systematic Review and Meta-Analysis. <i>Journal of Infectious Diseases</i> , 2020 , 222, S577-S583	7	101
206	Alpha/beta interferon receptor signaling amplifies early proinflammatory cytokine production in the lung during respiratory syncytial virus infection. <i>Journal of Virology</i> , 2014 , 88, 6128-36	6.6	97
205	Inhibition of T1/ST2 during respiratory syncytial virus infection prevents T helper cell type 2 (Th2)-but not Th1-driven immunopathology. <i>Journal of Experimental Medicine</i> , 2001 , 193, 785-92	16.6	96
204	Evolution of epitope-specific memory CD4(+) T cells after clearance of hepatitis C virus. <i>Journal of Immunology</i> , 2002 , 169, 2210-4	5.3	95
203	Changes in rib cage geometry during childhood. <i>Thorax</i> , 1984 , 39, 624-7	7.3	93
202	IL-10 regulates viral lung immunopathology during acute respiratory syncytial virus infection in mice. <i>PLoS ONE</i> , 2012 , 7, e32371	3.7	93
201	Maternal immunisation: collaborating with mother nature. <i>Lancet Infectious Diseases</i> , 2017 , 17, e197-e208	5.3	92
200	Antiviral B cell and T cell immunity in the lungs. <i>Nature Immunology</i> , 2015 , 16, 18-26	19.1	90
199	Differential chemokine expression following respiratory virus infection reflects Th1- or Th2-biased immunopathology. <i>Journal of Virology</i> , 2006 , 80, 4521-7	6.6	90
198	The role of T cells in the enhancement of respiratory syncytial virus infection severity during adult reinfection of neonatally sensitized mice. <i>Journal of Virology</i> , 2008 , 82, 4115-24	6.6	89
197	Mucosal delivery of a respiratory syncytial virus CTL peptide with enterotoxin-based adjuvants elicits protective, immunopathogenic, and immunoregulatory antiviral CD8+ T cell responses. <i>Journal of Immunology</i> , 2001 , 166, 1106-13	5.3	89
196	The 22,000-kilodalton protein of respiratory syncytial virus is a major target for Kd-restricted cytotoxic T lymphocytes from mice primed by infection. <i>Journal of Virology</i> , 1990 , 64, 1683-9	6.6	87
195	Links between respiratory syncytial virus bronchiolitis and childhood asthma: clinical and research approaches. <i>Pediatric Infectious Disease Journal</i> , 2003 , 22, S58-64; discussion S64-5	3.4	85


194	Role of CCL5 (RANTES) in viral lung disease. <i>Journal of Virology</i> , 2006 , 80, 8151-7	6.6	84
193	Inflammatory profiles across the spectrum of disease reveal a distinct role for GM-CSF in severe COVID-19. <i>Science Immunology</i> , 2021 , 6,	28	82
192	Progression of whole-blood transcriptional signatures from interferon-induced to neutrophil-associated patterns in severe influenza. <i>Nature Immunology</i> , 2018 , 19, 625-635	19.1	82
191	A41 Deep sequencing of respiratory syncytial virus links viral diversity to disease severity. <i>Virus Evolution</i> , 2019 , 5,	3.7	78
190	Protective and dysregulated T cell immunity in RSV infection. <i>Current Opinion in Virology</i> , 2013 , 3, 468-74	7.5	78
189	Susan Elizabeth Openshaw (née Scott Stokes) 2008 , 336, 621.6-621		78
188	Long-term persistence and reactivation of T cell memory in the lung of mice infected with respiratory syncytial virus. <i>European Journal of Immunology</i> , 2001 , 31, 2574-82	6.1	78
187	Defective immunoregulation in RSV vaccine-augmented viral lung disease restored by selective chemoattraction of regulatory T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 2987-92	11.5	76
186	Regulatory T cells prevent Th2 immune responses and pulmonary eosinophilia during respiratory syncytial virus infection in mice. <i>Journal of Virology</i> , 2013 , 87, 10946-54	6.6	73
185	Therapeutic blockade of granulocyte macrophage colony-stimulating factor in COVID-19-associated hyperinflammation: challenges and opportunities. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 822-830	35.1	72
184	Outcome of Hospitalization for COVID-19 in Patients with Interstitial Lung Disease. An International Multicenter Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1656-1665	10.2	72
183	Pulmonary defences to acute respiratory infection. <i>British Medical Bulletin</i> , 2002 , 61, 1-12	5.4	70
182	Development and validation of the ISARIC 4C Deterioration model for adults hospitalised with COVID-19: a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 349-359	35.1	70
181	Predictors of clinical outcome in a national hospitalised cohort across both waves of the influenza A/H1N1 pandemic 2009-2010 in the UK. <i>Thorax</i> , 2012 , 67, 709-17	7.3	66
180	Immunopathological mechanisms in respiratory syncytial virus disease. <i>Seminars in Immunopathology</i> , 1995 , 17, 187-201		66
179	Enhanced IL-4 responses in children with a history of respiratory syncytial virus bronchiolitis in infancy. <i>European Respiratory Journal</i> , 2002 , 20, 376-82	13.6	61
178	Co-infections, secondary infections, and antimicrobial use in patients hospitalised with COVID-19 during the first pandemic wave from the ISARIC WHO CCP-UK study: a multicentre, prospective cohort study. <i>Lancet Microbe</i> , 2021 , 2, e354-e365	22.2	61
177	Group B streptococcus and respiratory syncytial virus immunisation during pregnancy: a landscape analysis. <i>Lancet Infectious Diseases</i> , 2017 , 17, e223-e234	25.5	60

176	Characterization of novel HLA-DR11-restricted HCV epitopes reveals both qualitative and quantitative differences in HCV-specific CD4+ T cell responses in chronically infected and non-viremic patients. <i>European Journal of Immunology</i> , 2001 , 31, 1438-46	6.1	59
175	Mouse gamma delta TCR+NK1.1+ thymocytes specifically produce interleukin-4, are major histocompatibility complex class I independent, and are developmentally related to alpha beta TCR+NK1.1+ thymocytes. <i>European Journal of Immunology</i> , 1996 , 26, 1424-9	6.1	59
174	Accumulation of human-adapting mutations during circulation of A(H1N1)pdm09 influenza virus in humans in the United Kingdom. <i>Journal of Virology</i> , 2014 , 88, 13269-83	6.6	58
173	Open source clinical science for emerging infections. <i>Lancet Infectious Diseases, The</i> , 2014 , 14, 8-9	25.5	58
172	IL-12-activated NK cells reduce lung eosinophilia to the attachment protein of respiratory syncytial virus but do not enhance the severity of illness in CD8 T cell-immunodeficient conditions. <i>Journal of Immunology</i> , 2000 , 165, 7109-15	5.3	57
171	Pulmonary V gamma 4+ gamma delta T cells have proinflammatory and antiviral effects in viral lung disease. <i>Journal of Immunology</i> , 2009 , 182, 1174-81	5.3	56
170	RSV-induced bronchial epithelial cell PD-L1 expression inhibits CD8+ T cell nonspecific antiviral activity. <i>Journal of Infectious Diseases</i> , 2011 , 203, 85-94	7	55
169	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. <i>Lancet Respiratory Medicine, the</i> , 2021 , 9, 699-711	35.1	54
168	Distinct patterns of T- and B-cell immunity to respiratory syncytial virus induced by individual viral proteins. <i>Vaccine</i> , 1993 , 11, 431-7	4.1	53
167	Anaphylactic sensitization to aeroantigen during respiratory virus infection. <i>Clinical and Experimental Allergy</i> , 1998 , 28, 1501-8	4.1	52
166	Genetic mechanisms of critical illness in Covid-19		51
165	Role of CCL11 in eosinophilic lung disease during respiratory syncytial virus infection. <i>Journal of Virology</i> , 2005 , 79, 2050-7	6.6	48
164	Interleukin 18 coexpression during respiratory syncytial virus infection results in enhanced disease mediated by natural killer cells. <i>Journal of Virology</i> , 2010 , 84, 4073-82	6.6	46
163	Respiratory syncytial virus RNA in cells from the peripheral blood during acute infection. <i>Journal of Pediatrics</i> , 1998 , 133, 272-4	3.6	46
162	Neutrophilic inflammation in the respiratory mucosa predisposes to RSV infection. <i>Science</i> , 2020 , 370,	33.3	46
161	Reduced Nasal Viral Load and IFN Responses in Infants with Respiratory Syncytial Virus Bronchiolitis and Respiratory Failure. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1074-1084	10.2	45
160	Antiviral and lung protective activity of a novel respiratory syncytial virus fusion inhibitor in a mouse model. <i>European Respiratory Journal</i> , 2011 , 38, 401-8	13.6	44
159	Pre-admission statin use and in-hospital severity of 2009 pandemic influenza A(H1N1) disease. <i>PLoS ONE</i> , 2011 , 6, e18120	3.7	44

158	Nosocomial pandemic (H1N1) 2009, United Kingdom, 2009-2010. <i>Emerging Infectious Diseases</i> , 2011 , 17, 592-8	10.2	43
157	Functional characterization of alloreactive T cells identifies CD25 and CD71 as optimal targets for a clinically applicable allopepletion strategy. <i>Blood</i> , 2010 , 115, 396-407	2.2	43
156	Long Covid in adults discharged from UK hospitals after Covid-19: A prospective, multicentre cohort study using the ISARIC WHO Clinical Characterisation Protocol. <i>Lancet Regional Health - Europe, The</i> , 2021 , 8, 100186		43
155	Emerging drugs for respiratory syncytial virus infection. <i>Expert Opinion on Emerging Drugs</i> , 2009 , 14, 2073-17	3.7	42
154	Respiratory syncytial virus infection provokes airway remodelling in allergen-exposed mice in absence of prior allergen sensitization. <i>Clinical and Experimental Allergy</i> , 2008 , 38, 1016-24	4.1	42
153	The chemokine MIP1alpha/CCL3 determines pathology in primary RSV infection by regulating the balance of T cell populations in the murine lung. <i>PLoS ONE</i> , 2010 , 5, e9381	3.7	42
152	Current concepts and progress in RSV vaccine development. <i>Expert Review of Vaccines</i> , 2014 , 13, 333-44	5.2	40
151	Ethnicity and Outcomes from COVID-19: The ISARIC CCP-UK Prospective Observational Cohort Study of Hospitalised Patients. <i>SSRN Electronic Journal</i> ,	1	40
150	M1-like monocytes are a major immunological determinant of severity in previously healthy adults with life-threatening influenza. <i>JCI Insight</i> , 2017 , 2, e91868	9.9	39
149	Characterisation of in-hospital complications associated with COVID-19 using the ISARIC WHO Clinical Characterisation Protocol UK: a prospective, multicentre cohort study. <i>Lancet, The</i> , 2021 , 398, 223-237	40	39
148	Respiratory Syncytial Virus: Targeting the G Protein Provides a New Approach for an Old Problem. <i>Journal of Virology</i> , 2018 , 92,	6.6	39
147	The beta2 integrin CD11c distinguishes a subset of cytotoxic pulmonary T cells with potent antiviral effects in vitro and in vivo. <i>Respiratory Research</i> , 2005 , 6, 70	7.3	38
146	Childhood infections, the developing immune system, and the origins of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 114, 1275-7	11.5	38
145	T cell assays differentiate clinical and subclinical SARS-CoV-2 infections from cross-reactive antiviral responses. <i>Nature Communications</i> , 2021 , 12, 2055	17.4	37
144	The Etiological Role of Common Respiratory Viruses in Acute Respiratory Infections in Older Adults: A Systematic Review and Meta-analysis. <i>Journal of Infectious Diseases</i> , 2020 , 222, S563-S569	7	37
143	Antiviral immune responses and lung inflammation after respiratory syncytial virus infection. <i>Proceedings of the American Thoracic Society</i> , 2005 , 2, 121-5		36
142	Crossing barriers: infections of the lung and the gut. <i>Mucosal Immunology</i> , 2009 , 2, 100-2	9.2	35
141	Oseltamivir plus usual care versus usual care for influenza-like illness in primary care: an open-label, pragmatic, randomised controlled trial. <i>Lancet, The</i> , 2020 , 395, 42-52	40	35

140	Changes in in-hospital mortality in the first wave of COVID-19: a multicentre prospective observational cohort study using the WHO Clinical Characterisation Protocol UK. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 773-785	35.1	35
139	Delayed sequelae of neonatal respiratory syncytial virus infection are dependent on cells of the innate immune system. <i>Journal of Virology</i> , 2014 , 88, 604-11	6.6	34
138	Differences between asthmatics and nonasthmatics hospitalised with influenza A infection. <i>European Respiratory Journal</i> , 2013 , 41, 824-31	13.6	34
137	Genetic susceptibility to the delayed sequelae of neonatal respiratory syncytial virus infection is MHC dependent. <i>Journal of Immunology</i> , 2010 , 185, 5384-91	5.3	34
136	Natural killer cell NKG2D and granzyme B are critical for allergic pulmonary inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 827-35.e3	11.5	33
135	Human microbial challenge: the ultimate animal model. <i>Lancet Infectious Diseases</i> , 2012 , 12, 903-5	25.5	33
134	Attenuated Bordetella pertussis vaccine protects against respiratory syncytial virus disease via an IL-17-dependent mechanism. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 194-202	10.2	33
133	IL-9 regulates pathology during primary and memory responses to respiratory syncytial virus infection. <i>Journal of Immunology</i> , 2009 , 183, 7006-13	5.3	33
132	Protective and disease-enhancing immune responses induced by recombinant modified vaccinia Ankara (MVA) expressing respiratory syncytial virus proteins. <i>Vaccine</i> , 2004 , 23, 215-21	4.1	33
131	Transcriptional profiling unveils type I and II interferon networks in blood and tissues across diseases. <i>Nature Communications</i> , 2019 , 10, 2887	17.4	32
130	Predominance of heterosubtypic IFN- γ -only-secreting effector memory T cells in pandemic H1N1 naive adults. <i>European Journal of Immunology</i> , 2012 , 42, 2913-24	6.1	29
129	Neonatal antibody responses are attenuated by interferon- γ produced by NK and T cells during RSV infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 5576-81	11.5	29
128	Respiratory syncytial virus (RSV): a scourge from infancy to old age. <i>Thorax</i> , 2019 , 74, 986-993	7.3	28
127	Virally delivered cytokines alter the immune response to future lung infections. <i>Journal of Virology</i> , 2007 , 81, 13105-11	6.6	27
126	Recombinant respiratory syncytial virus lacking secreted glycoprotein G is attenuated, non-pathogenic but induces protective immunity. <i>Microbes and Infection</i> , 2004 , 6, 1049-55	9.3	27
125	Influenza burden, prevention, and treatment in asthma-A scoping review by the EAACI Influenza in asthma task force. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018 , 73, 1151-1181	9.3	27
124	Preexposure to CpG protects against the delayed effects of neonatal respiratory syncytial virus infection. <i>Journal of Virology</i> , 2012 , 86, 10456-61	6.6	26
123	Delivery of cytokines by recombinant virus in early life alters the immune response to adult lung infection. <i>Journal of Virology</i> , 2010 , 84, 5294-302	6.6	26

122	Current research on respiratory viral infections: Fourth International Symposium. <i>Antiviral Research</i> , 2002 , 55, 227-78	10.8	26
121	A prenylated dsRNA sensor protects against severe COVID-19. <i>Science</i> , 2021 , 374, eabj3624	33.3	26
120	Seasonal and pandemic influenza: 100 years of progress, still much to learn. <i>Mucosal Immunology</i> , 2020 , 13, 566-573	9.2	25
119	Potential therapeutic implications of new insights into respiratory syncytial virus disease. <i>Respiratory Research</i> , 2002 , 3 Suppl 1, S15-20	7.3	25
118	Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses. 2021 ,		25
117	A haemagglutination test for rapid detection of antibodies to SARS-CoV-2. <i>Nature Communications</i> , 2021 , 12, 1951	17.4	25
116	Hospital-acquired SARS-CoV-2 infection in the UK's first COVID-19 pandemic wave. <i>Lancet, The</i> , 2021 , 398, 1037-1038	40	25
115	Clinical and laboratory features distinguishing pandemic H1N1 influenza-related pneumonia from inter-pandemic community-acquired pneumonia in adults. <i>Thorax</i> , 2011 , 66, 247-52	7.3	24
114	Amplicon based MinION sequencing of SARS-CoV-2 and metagenomic characterisation of nasopharyngeal swabs from patients with COVID-19		24
113	Global and Regional Burden of Hospital Admissions for Pneumonia in Older Adults: A Systematic Review and Meta-Analysis. <i>Journal of Infectious Diseases</i> , 2020 , 222, S570-S576	7	24
112	Prior exposure to live Mycobacterium bovis BCG decreases Cryptococcus neoformans-induced lung eosinophilia in a gamma interferon-dependent manner. <i>Infection and Immunity</i> , 2003 , 71, 3384-91	3.7	23
111	Amplicon-Based Detection and Sequencing of SARS-CoV-2 in Nasopharyngeal Swabs from Patients With COVID-19 and Identification of Deletions in the Viral Genome That Encode Proteins Involved in Interferon Antagonism. <i>Viruses</i> , 2020 , 12,	6.2	23
110	Safety, tolerability and viral kinetics during SARS-CoV-2 human challenge in young adults.. <i>Nature Medicine</i> , 2022 ,	50.5	23
109	Global outbreak research: harmony not hegemony. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 770-772	25.5	22
108	Contribution of cytokines to pathology and protection in virus infection. <i>Current Opinion in Virology</i> , 2011 , 1, 184-95	7.5	21
107	The protective effect of childhood infections. <i>BMJ: British Medical Journal</i> , 2001 , 322, 376-7		20
106	Respiratory syncytial virus and wheeze. <i>Lancet, The</i> , 1999 , 354, 1997-8	40	20
105	Epitope-specific airway-resident CD4+ T cell dynamics during experimental human RSV infection. <i>Journal of Clinical Investigation</i> , 2020 , 130, 523-538	15.9	20

104	SARS-CoV-2 co-infection with influenza viruses, respiratory syncytial virus, or adenoviruses.. <i>Lancet, The</i> , 2022 ,	4.0	20
103	Benefit and harm from immunity to respiratory syncytial virus: implications for treatment. <i>Current Opinion in Infectious Diseases</i> , 2012 , 25, 687-94	5.4	18
102	Respiratory syncytial virus and other pneumoviruses: a review of the international symposium--RSV 2003. <i>Virus Research</i> , 2004 , 106, 1-13	6.4	18
101	Potential mechanisms causing delayed effects of respiratory syncytial virus infection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 163, S10-3	10.2	18
100	The mouse model of respiratory syncytial virus disease. <i>Current Topics in Microbiology and Immunology</i> , 2013 , 372, 359-69	3.3	18
99	Polylactide-co-glycolide (PLG) microparticles modify the immune response to DNA vaccination. <i>Vaccine</i> , 2008 , 26, 753-61	4.1	17
98	What does the peripheral blood tell you in SARS?. <i>Clinical and Experimental Immunology</i> , 2004 , 136, 11-2	6.2	17
97	Physical, cognitive and mental health impacts of COVID-19 following hospitalisation  multi-centre prospective cohort study		17
96	Patterns of systemic and local inflammation in patients with asthma hospitalised with influenza. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	16
95	. <i>Pediatric Infectious Disease Journal</i> , 2003 , 22, S58-S65	3.4	16
94	Gene-gun DNA vaccination aggravates respiratory syncytial virus-induced pneumonitis. <i>Journal of General Virology</i> , 2004 , 85, 3017-3026	4.9	16
93	Reply to rook. <i>Trends in Immunology</i> , 2000 , 21, 249-50		16
92	Nasosorption as a Minimally Invasive Sampling Procedure: Mucosal Viral Load and Inflammation in Primary RSV Bronchiolitis. <i>Journal of Infectious Diseases</i> , 2017 , 215, 1240-1244	7	15
91	Toward unified molecular surveillance of RSV: A proposal for genotype definition. <i>Influenza and Other Respiratory Viruses</i> , 2020 , 14, 274-285	5.6	15
90	A High-Fat Diet Increases Influenza A Virus-Associated Cardiovascular Damage. <i>Journal of Infectious Diseases</i> , 2020 , 222, 820-831	7	15
89	Issues in vaccinology: Present challenges and future directions. <i>European Journal of Immunology</i> , 2017 , 47, 2017-2025	6.1	15
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