

Kwok-Yong Yuen

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867
papers

81,267
citations

114
h-index

265
g-index

912
ext. papers

99,888
ext. citations

9.4
avg, IF

8.2
L-index

#	Paper	IF	Citations
867	Clinical Characteristics of Coronavirus Disease 2019 in China. <i>New England Journal of Medicine</i> , 2020 , 382, 1708-1720	59.2	15713
866	A familial cluster of pneumonia associated with the 2019 novel coronavirus indicating person-to-person transmission: a study of a family cluster. <i>Lancet, The</i> , 2020 , 395, 514-523	40	5219
865	Temporal profiles of viral load in posterior oropharyngeal saliva samples and serum antibody responses during infection by SARS-CoV-2: an observational cohort study. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 565-574	25.5	2081
864	Genomic characterization of the 2019 novel human-pathogenic coronavirus isolated from a patient with atypical pneumonia after visiting Wuhan. <i>Emerging Microbes and Infections</i> , 2020 , 9, 221-236	18.9	1681
863	Structural and Functional Basis of SARS-CoV-2 Entry by Using Human ACE2. <i>Cell</i> , 2020 , 181, 894-904.e9	56.2	1513
862	Role of lopinavir/ritonavir in the treatment of SARS: initial virological and clinical findings. <i>Thorax</i> , 2004 , 59, 252-6	7.3	1111
861	Severe acute respiratory syndrome coronavirus-like virus in Chinese horseshoe bats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 14040-5	11.5	1108
860	Avian influenza A (H5N1) infection in humans. <i>New England Journal of Medicine</i> , 2005 , 353, 1374-85	59.2	1065
859	Coronaviruses - drug discovery and therapeutic options. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 327-476	4.1	1060
858	Characterization and complete genome sequence of a novel coronavirus, coronavirus HKU1, from patients with pneumonia. <i>Journal of Virology</i> , 2005 , 79, 884-95	6.6	1028
857	Consistent Detection of 2019 Novel Coronavirus in Saliva. <i>Clinical Infectious Diseases</i> , 2020 , 71, 841-843	11.6	1009
856	Triple combination of interferon beta-1b, lopinavir-ritonavir, and ribavirin in the treatment of patients admitted to hospital with COVID-19: an open-label, randomised, phase 2 trial. <i>Lancet, The</i> , 2020 , 395, 1695-1704	40	948
855	Discovery of seven novel Mammalian and avian coronaviruses in the genus deltacoronavirus supports bat coronaviruses as the gene source of alphacoronavirus and betacoronavirus and avian coronaviruses as the gene source of gammacoronavirus and deltacoronavirus. <i>Journal of Virology</i> , 2012 , 86, 3995-4008	6.6	870
854	Potent neutralizing antibodies against multiple epitopes on SARS-CoV-2 spike. <i>Nature</i> , 2020 , 584, 450-456	56.4	848
853	Human infections with the emerging avian influenza A H7N9 virus from wet market poultry: clinical analysis and characterisation of viral genome. <i>Lancet, The</i> , 2013 , 381, 1916-25	40	668
852	Severe acute respiratory syndrome coronavirus as an agent of emerging and reemerging infection. <i>Clinical Microbiology Reviews</i> , 2007 , 20, 660-94	34	661
851	Anti-spike IgG causes severe acute lung injury by skewing macrophage responses during acute SARS-CoV infection. <i>JCI Insight</i> , 2019 , 4,	9.9	588

850	Middle East respiratory syndrome coronavirus: another zoonotic betacoronavirus causing SARS-like disease. <i>Clinical Microbiology Reviews</i> , 2015 , 28, 465-522	34	582
849	Improved Molecular Diagnosis of COVID-19 by the Novel, Highly Sensitive and Specific COVID-19-RdRp/Hel Real-Time Reverse Transcription-PCR Assay Validated and with Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020 , 58,	9.7	572
848	Simulation of the Clinical and Pathological Manifestations of Coronavirus Disease 2019 (COVID-19) in a Golden Syrian Hamster Model: Implications for Disease Pathogenesis and Transmissibility. <i>Clinical Infectious Diseases</i> , 2020 , 71, 2428-2446	11.6	537
847	Treatment With Lopinavir/Ritonavir or Interferon- β Improves Outcome of MERS-CoV Infection in a Nonhuman Primate Model of Common Marmoset. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1904-13	7	483
846	Convalescent plasma treatment reduced mortality in patients with severe pandemic influenza A (H1N1) 2009 virus infection. <i>Clinical Infectious Diseases</i> , 2011 , 52, 447-56	11.6	478
845	Coronavirus genomics and bioinformatics analysis. <i>Viruses</i> , 2010 , 2, 1804-20	6.2	466
844	Coronavirus Disease 2019 (COVID-19) Re-infection by a Phylogenetically Distinct Severe Acute Respiratory Syndrome Coronavirus 2 Strain Confirmed by Whole Genome Sequencing. <i>Clinical Infectious Diseases</i> , 2021 , 73, e2946-e2951	11.6	450
843	Comparative Replication and Immune Activation Profiles of SARS-CoV-2 and SARS-CoV in Human Lungs: An Ex Vivo Study With Implications for the Pathogenesis of COVID-19. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1400-1409	11.6	431
842	Comparative tropism, replication kinetics, and cell damage profiling of SARS-CoV-2 and SARS-CoV with implications for clinical manifestations, transmissibility, and laboratory studies of COVID-19: an observational study. <i>Lancet Microbe, The</i> , 2020 , 1, e14-e23	22.2	415
841	Coronavirus diversity, phylogeny and interspecies jumping. <i>Experimental Biology and Medicine</i> , 2009 , 234, 1117-27	3.7	415
840	The role of community-wide wearing of face mask for control of coronavirus disease 2019 (COVID-19) epidemic due to SARS-CoV-2. <i>Journal of Infection</i> , 2020 , 81, 107-114	18.9	406
839	Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , 2020 , 586, 113-119	50.4	405
838	Design of wide-spectrum inhibitors targeting coronavirus main proteases. <i>PLoS Biology</i> , 2005 , 3, e324	9.7	392
837	In vitro susceptibility of 10 clinical isolates of SARS coronavirus to selected antiviral compounds. <i>Journal of Clinical Virology</i> , 2004 , 31, 69-75	14.5	358
836	Interspecies transmission and emergence of novel viruses: lessons from bats and birds. <i>Trends in Microbiology</i> , 2013 , 21, 544-55	12.4	349
835	Delayed clearance of viral load and marked cytokine activation in severe cases of pandemic H1N1 2009 influenza virus infection. <i>Clinical Infectious Diseases</i> , 2010 , 50, 850-9	11.6	336
834	Taxonomy of the order Mononegavirales: update 2016. <i>Archives of Virology</i> , 2016 , 161, 2351-60	2.6	324
833	Cytokine responses in severe acute respiratory syndrome coronavirus-infected macrophages in vitro: possible relevance to pathogenesis. <i>Journal of Virology</i> , 2005 , 79, 7819-26	6.6	318

832	Surgical Mask Partition Reduces the Risk of Noncontact Transmission in a Golden Syrian Hamster Model for Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2020 , 71, 2139-2149	11.6	310
831	Coronavirus HKU1 and other coronavirus infections in Hong Kong. <i>Journal of Clinical Microbiology</i> , 2006 , 44, 2063-71	9.7	298
830	Severe acute respiratory syndrome coronavirus ORF3a protein activates the NLRP3 inflammasome by promoting TRAF3-dependent ubiquitination of ASC. <i>FASEB Journal</i> , 2019 , 33, 8865-8877	0.9	296
829	Possible central nervous system infection by SARS coronavirus. <i>Emerging Infectious Diseases</i> , 2004 , 10, 342-4	10.2	290
828	Middle East Respiratory Syndrome Coronavirus Efficiently Infects Human Primary T Lymphocytes and Activates the Extrinsic and Intrinsic Apoptosis Pathways. <i>Journal of Infectious Diseases</i> , 2016 , 213, 904-14	7	285
827	Infection of bat and human intestinal organoids by SARS-CoV-2. <i>Nature Medicine</i> , 2020 , 26, 1077-1083	50.5	285
826	Active replication of Middle East respiratory syndrome coronavirus and aberrant induction of inflammatory cytokines and chemokines in human macrophages: implications for pathogenesis. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1331-42	7	285
825	Clinical features and complete genome characterization of a distinct human rhinovirus (HRV) genetic cluster, probably representing a previously undetected HRV species, HRV-C, associated with acute respiratory illness in children. <i>Journal of Clinical Microbiology</i> , 2007 , 45, 3655-64	9.7	279
824	Escalating infection control response to the rapidly evolving epidemiology of the coronavirus disease 2019 (COVID-19) due to SARS-CoV-2 in Hong Kong. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 493-498	2	269
823	Delayed induction of proinflammatory cytokines and suppression of innate antiviral response by the novel Middle East respiratory syndrome coronavirus: implications for pathogenesis and treatment. <i>Journal of General Virology</i> , 2013 , 94, 2679-2690	4.9	268
822	Acute SARS-CoV-2 Infection Impairs Dendritic Cell and T Cell Responses. <i>Immunity</i> , 2020 , 53, 864-877.e5	32.3	264
821	Broad-spectrum antivirals for the emerging Middle East respiratory syndrome coronavirus. <i>Journal of Infection</i> , 2013 , 67, 606-16	18.9	263
820	Delayed antiviral plus immunomodulator treatment still reduces mortality in mice infected by high inoculum of influenza A/H5N1 virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 8091-6	11.5	257
819	SARS-CoV-2 nsp13, nsp14, nsp15 and orf6 function as potent interferon antagonists. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1418-1428	18.9	249
818	Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. <i>Science Advances</i> , 2017 , 3, eaao4966	14.3	248
817	Structure-based discovery of Middle East respiratory syndrome coronavirus fusion inhibitor. <i>Nature Communications</i> , 2014 , 5, 3067	17.4	247
816	Molecular diversity of coronaviruses in bats. <i>Virology</i> , 2006 , 351, 180-7	3.6	228
815	Striking Antibody Evasion Manifested by the Omicron Variant of SARS-CoV-2.. <i>Nature</i> , 2021 ,	50.4	227

814	Bats as a continuing source of emerging infections in humans. <i>Reviews in Medical Virology</i> , 2007 , 17, 67-91.7	11.7	223
813	Hyperimmune IV immunoglobulin treatment: a multicenter double-blind randomized controlled trial for patients with severe 2009 influenza A(H1N1) infection. <i>Chest</i> , 2013 , 144, 464-473	5.3	220
812	Severe acute respiratory syndrome coronavirus M protein inhibits type I interferon production by impeding the formation of TRAF3.TANK.TBK1/IKKepsilon complex. <i>Journal of Biological Chemistry</i> , 2009 , 284, 16202-16209	5.4	219
811	Distribution of amantadine-resistant H5N1 avian influenza variants in Asia. <i>Journal of Infectious Diseases</i> , 2006 , 193, 1626-9	7	212
810	Comparative analysis of twelve genomes of three novel group 2c and group 2d coronaviruses reveals unique group and subgroup features. <i>Journal of Virology</i> , 2007 , 81, 1574-85	6.6	202
809	Bat origins of MERS-CoV supported by bat coronavirus HKU4 usage of human receptor CD26. <i>Cell Host and Microbe</i> , 2014 , 16, 328-37	23.4	198
808	Avian influenza virus infections in humans. <i>Chest</i> , 2006 , 129, 156-68	5.3	197
807	Clinical and molecular epidemiological features of coronavirus HKU1-associated community-acquired pneumonia. <i>Journal of Infectious Diseases</i> , 2005 , 192, 1898-907	7	193
806	Genetic characterization of Betacoronavirus lineage C viruses in bats reveals marked sequence divergence in the spike protein of pipistrellus bat coronavirus HKU5 in Japanese pipistrelle: implications for the origin of the novel Middle East respiratory syndrome coronavirus. <i>Journal of Virology</i> , 2013 , 87, 8638-50	6.6	191
805	Ecoepidemiology and complete genome comparison of different strains of severe acute respiratory syndrome-related Rhinolophus bat coronavirus in China reveal bats as a reservoir for acute, self-limiting infection that allows recombination events. <i>Journal of Virology</i> , 2010 , 84, 2808-19	6.6	191
804	Immunorestitution disease involving the innate and adaptive response. <i>Clinical Infectious Diseases</i> , 2000 , 30, 882-92	11.6	189
803	Ciprofloxacin decreased polyoma BK virus load in patients who underwent allogeneic hematopoietic stem cell transplantation. <i>Clinical Infectious Diseases</i> , 2005 , 40, 528-37	11.6	184
802	Exceptionally potent neutralization of Middle East respiratory syndrome coronavirus by human monoclonal antibodies. <i>Journal of Virology</i> , 2014 , 88, 7796-805	6.6	182
801	Attenuated SARS-CoV-2 variants with deletions at the S1/S2 junction. <i>Emerging Microbes and Infections</i> , 2020 , 9, 837-842	18.9	181
800	Identification of influenza A nucleoprotein as an antiviral target. <i>Nature Biotechnology</i> , 2010 , 28, 600-5	44.5	181
799	Differential maturation and subcellular localization of severe acute respiratory syndrome coronavirus surface proteins S, M and E. <i>Journal of General Virology</i> , 2005 , 86, 1423-1434	4.9	172
798	Zika fever and congenital Zika syndrome: An unexpected emerging arboviral disease. <i>Journal of Infection</i> , 2016 , 72, 507-24	18.9	172
797	Recombinant modified vaccinia virus Ankara expressing the spike glycoprotein of severe acute respiratory syndrome coronavirus induces protective neutralizing antibodies primarily targeting the receptor binding region. <i>Journal of Virology</i> , 2005 , 79, 2678-88	6.6	171

796	Molecular epidemiology of human coronavirus OC43 reveals evolution of different genotypes over time and recent emergence of a novel genotype due to natural recombination. <i>Journal of Virology</i> , 2011 , 85, 11325-37	6.6	170
795	Comparative analysis of complete genome sequences of three avian coronaviruses reveals a novel group 3c coronavirus. <i>Journal of Virology</i> , 2009 , 83, 908-17	6.6	170
794	Early diagnosis of SARS coronavirus infection by real time RT-PCR. <i>Journal of Clinical Virology</i> , 2003 , 28, 233-8	14.5	169
793	New hepatitis E virus genotype in camels, the Middle East. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1044-8	10.2	165
792	Potent neutralization of MERS-CoV by human neutralizing monoclonal antibodies to the viral spike glycoprotein. <i>Science Translational Medicine</i> , 2014 , 6, 234ra59	17.5	165
791	Differential cell line susceptibility to the emerging novel human betacoronavirus 2c EMC/2012: implications for disease pathogenesis and clinical manifestation. <i>Journal of Infectious Diseases</i> , 2013 , 207, 1743-52	7	165
790	Viral load in patients infected with pandemic H1N1 2009 influenza A virus. <i>Journal of Medical Virology</i> , 2010 , 82, 1-7	19.7	165
789	Comparative analysis of 22 coronavirus HKU1 genomes reveals a novel genotype and evidence of natural recombination in coronavirus HKU1. <i>Journal of Virology</i> , 2006 , 80, 7136-45	6.6	162
788	Two years after pandemic influenza A/2009/H1N1: what have we learned?. <i>Clinical Microbiology Reviews</i> , 2012 , 25, 223-63	34	155
787	Antibody responses against SARS coronavirus are correlated with disease outcome of infected individuals. <i>Journal of Medical Virology</i> , 2006 , 78, 1-8	19.7	152
786	Characterization of the Lipidomic Profile of Human Coronavirus-Infected Cells: Implications for Lipid Metabolism Remodeling upon Coronavirus Replication. <i>Viruses</i> , 2019 , 11,	6.2	150
785	Clinical and molecular epidemiology of human bocavirus in respiratory and fecal samples from children in Hong Kong. <i>Journal of Infectious Diseases</i> , 2007 , 196, 986-93	7	150
784	Modulation of the unfolded protein response by the severe acute respiratory syndrome coronavirus spike protein. <i>Journal of Virology</i> , 2006 , 80, 9279-87	6.6	149
783	SARS-CoV-2 infects human neural progenitor cells and brain organoids. <i>Cell Research</i> , 2020 , 30, 928-931	24.7	143
782	Middle east respiratory syndrome coronavirus 4a protein is a double-stranded RNA-binding protein that suppresses PACT-induced activation of RIG-I and MDA5 in the innate antiviral response. <i>Journal of Virology</i> , 2014 , 88, 4866-76	6.6	138
781	Initial viral load and the outcomes of SARS. <i>Cmaj</i> , 2004 , 171, 1349-52	3.5	138
780	Comparative genomic analysis of pre-epidemic and epidemic Zika virus strains for virological factors potentially associated with the rapidly expanding epidemic. <i>Emerging Microbes and Infections</i> , 2016 , 5, e22	18.9	136
779	Cross-reactive antibodies in convalescent SARS patients' sera against the emerging novel human coronavirus EMC (2012) by both immunofluorescent and neutralizing antibody tests. <i>Journal of Infection</i> , 2013 , 67, 130-40	18.9	135

778	Usefulness of the MicroSeq 500 16S ribosomal DNA-based bacterial identification system for identification of clinically significant bacterial isolates with ambiguous biochemical profiles. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 1996-2001	9.7	135
777	Complete genome sequence of bat coronavirus HKU2 from Chinese horseshoe bats revealed a much smaller spike gene with a different evolutionary lineage from the rest of the genome. <i>Virology</i> , 2007 , 367, 428-39	3.6	134
776	Severe Acute Respiratory Syndrome (SARS) Coronavirus ORF8 Protein Is Acquired from SARS-Related Coronavirus from Greater Horseshoe Bats through Recombination. <i>Journal of Virology</i> , 2015 , 89, 10532-47	6.6	132
775	Talaromyces (Penicillium) marneffeii infection in non-HIV-infected patients. <i>Emerging Microbes and Infections</i> , 2016 , 5, e19	18.9	132
774	Longitudinal profile of immunoglobulin G (IgG), IgM, and IgA antibodies against the severe acute respiratory syndrome (SARS) coronavirus nucleocapsid protein in patients with pneumonia due to the SARS coronavirus. <i>Vaccine Journal</i> , 2004 , 11, 665-8		132
773	Identification of novel porcine and bovine parvoviruses closely related to human parvovirus 4. <i>Journal of General Virology</i> , 2008 , 89, 1840-1848	4.9	131
772	Antigenic cross-reactivity between severe acute respiratory syndrome-associated coronavirus and human coronaviruses 229E and OC43. <i>Journal of Infectious Diseases</i> , 2005 , 191, 2033-7	7	131
771	Differentiated human airway organoids to assess infectivity of emerging influenza virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6822-6827	11.5	127
770	SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. <i>Nature Communications</i> , 2019 , 10, 120	17.4	125
769	Human enterovirus 71 epidemics: what's next?. <i>Emerging Health Threats Journal</i> , 2013 , 6, 19780		124
768	Identification of TMPRSS2 as a Susceptibility Gene for Severe 2009 Pandemic A(H1N1) Influenza and A(H7N9) Influenza. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1214-21	7	123
767	Productive replication of Middle East respiratory syndrome coronavirus in monocyte-derived dendritic cells modulates innate immune response. <i>Virology</i> , 2014 , 454-455, 197-205	3.6	122
766	Is the discovery of the novel human betacoronavirus 2c EMC/2012 (HCoV-EMC) the beginning of another SARS-like pandemic?. <i>Journal of Infection</i> , 2012 , 65, 477-89	18.9	122
765	Cytotoxic T lymphocytes established by seasonal human influenza cross-react against 2009 pandemic H1N1 influenza virus. <i>Journal of Virology</i> , 2010 , 84, 6527-35	6.6	122
764	Identification of novel small-molecule inhibitors of severe acute respiratory syndrome-associated coronavirus by chemical genetics. <i>Chemistry and Biology</i> , 2004 , 11, 1293-9		121
763	Diagnosis and spectrum of melamine-related renal disease: plausible mechanism of stone formation in humans. <i>Clinica Chimica Acta</i> , 2009 , 402, 150-5	6.2	120
762	Rapid diagnosis of a coronavirus associated with severe acute respiratory syndrome (SARS). <i>Clinical Chemistry</i> , 2003 , 49, 953-5	5.5	120
761	Feline morbillivirus, a previously undescribed paramyxovirus associated with tubulointerstitial nephritis in domestic cats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 5435-40	11.5	119

760	Differential cell line susceptibility to the emerging Zika virus: implications for disease pathogenesis, non-vector-borne human transmission and animal reservoirs. <i>Emerging Microbes and Infections</i> , 2016 , 5, e93	18.9	117
759	A humanized neutralizing antibody against MERS-CoV targeting the receptor-binding domain of the spike protein. <i>Cell Research</i> , 2015 , 25, 1237-49	24.7	116
758	Clinical and molecular epidemiology of human rhinovirus C in children and adults in Hong Kong reveals a possible distinct human rhinovirus C subgroup. <i>Journal of Infectious Diseases</i> , 2009 , 200, 1096-1103	7.0	116
757	New Hepatitis E Virus Genotype in Bactrian Camels, Xinjiang, China, 2013. <i>Emerging Infectious Diseases</i> , 2016 , 22, 2219-2221	10.2	116
756	Discovery of a novel coronavirus, China Rattus coronavirus HKU24, from Norway rats supports the murine origin of Betacoronavirus 1 and has implications for the ancestor of Betacoronavirus lineage A. <i>Journal of Virology</i> , 2015 , 89, 3076-92	6.6	115
755	Direct bacterial identification in positive blood cultures by use of two commercial matrix-assisted laser desorption ionization-time of flight mass spectrometry systems. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 1733-9	9.7	115
754	Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells. <i>Journal of Biological Chemistry</i> , 2018 , 293, 11709-11726	5.4	114
753	Infectious diseases emerging from Chinese wet-markets: zoonotic origins of severe respiratory viral infections. <i>Current Opinion in Infectious Diseases</i> , 2006 , 19, 401-7	5.4	114
752	Relative rates of non-pneumonic SARS coronavirus infection and SARS coronavirus pneumonia. <i>Lancet, The</i> , 2004 , 363, 841-5	4.0	114
751	The emergence of influenza A H7N9 in human beings 16 years after influenza A H5N1: a tale of two cities. <i>Lancet Infectious Diseases, The</i> , 2013 , 13, 809-21	25.5	113
750	Adoptive transfer of autologous Epstein-Barr virus-specific cytotoxic T cells for nasopharyngeal carcinoma. <i>International Journal of Cancer</i> , 2001 , 94, 73-80	7.5	113
749	MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , 2016 , 1, 16004	26.6	112
748	Detection of SARS coronavirus in patients with severe acute respiratory syndrome by conventional and real-time quantitative reverse transcription-PCR assays. <i>Clinical Chemistry</i> , 2004 , 50, 67-72	5.5	109
747	Cytokine profiles induced by the novel swine-origin influenza A/H1N1 virus: implications for treatment strategies. <i>Journal of Infectious Diseases</i> , 2010 , 201, 346-53	7	107
746	The effect of <i>Pseudomonas aeruginosa</i> infection on clinical parameters in steady-state bronchiectasis. <i>Chest</i> , 1998 , 114, 1594-8	5.3	107
745	Sensitive and specific monoclonal antibody-based capture enzyme immunoassay for detection of nucleocapsid antigen in sera from patients with severe acute respiratory syndrome. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 2629-35	9.7	106
744	Rat Hepatitis E Virus as Cause of Persistent Hepatitis after Liver Transplant. <i>Emerging Infectious Diseases</i> , 2018 , 24, 2241-2250	10.2	106
743	<i>Laribacter hongkongensis</i> gen. nov., sp. nov., a novel gram-negative bacterium isolated from a cirrhotic patient with bacteremia and empyema. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 4227-32	9.7	105

742	Emergence of scarlet fever <i>Streptococcus pyogenes</i> emm12 clones in Hong Kong is associated with toxin acquisition and multidrug resistance. <i>Nature Genetics</i> , 2015 , 47, 84-7	36.3	103
741	Serotype 1-specific monoclonal antibody-based antigen capture immunoassay for detection of circulating nonstructural protein NS1: Implications for early diagnosis and serotyping of dengue virus infections. <i>Journal of Clinical Microbiology</i> , 2006 , 44, 2872-8	9.7	103
740	An animal model of MERS produced by infection of rhesus macaques with MERS coronavirus. <i>Journal of Infectious Diseases</i> , 2014 , 209, 236-42	7	102
739	Intranasal vaccination of recombinant adeno-associated virus encoding receptor-binding domain of severe acute respiratory syndrome coronavirus (SARS-CoV) spike protein induces strong mucosal immune responses and provides long-term protection against SARS-CoV infection. <i>Journal of Immunology</i> , 2006 , 180, 948-56	5.3	102
738	The K526R substitution in viral protein PB2 enhances the effects of E627K on influenza virus replication. <i>Nature Communications</i> , 2014 , 5, 5509	17.4	101
737	Detection of specific antibodies to severe acute respiratory syndrome (SARS) coronavirus nucleocapsid protein for serodiagnosis of SARS coronavirus pneumonia. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 2306-9	9.7	101
736	Detection of severe acute respiratory syndrome (SARS) coronavirus nucleocapsid protein in sars patients by enzyme-linked immunosorbent assay. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 2884-9	9.7	101
735	Invasive <i>Streptococcus iniae</i> infections outside North America. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 1004-9	9.7	101
734	Rapid detection of the severe acute respiratory syndrome (SARS) coronavirus by a loop-mediated isothermal amplification assay. <i>Clinical Chemistry</i> , 2004 , 50, 1050-2	5.5	100
733	Differential sensitivities of severe acute respiratory syndrome (SARS) coronavirus spike polypeptide enzyme-linked immunosorbent assay (ELISA) and SARS coronavirus nucleocapsid protein ELISA for serodiagnosis of SARS coronavirus pneumonia. <i>Journal of Clinical Microbiology</i> , 2005 , 43, 3054-8	9.7	100
732	Air and environmental sampling for SARS-CoV-2 around hospitalized patients with coronavirus disease 2019 (COVID-19). <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 1258-1265	2	99
731	Clinical management and infection control of SARS: lessons learned. <i>Antiviral Research</i> , 2013 , 100, 407-11	10.8	99
730	Discovery of a novel bottlenose dolphin coronavirus reveals a distinct species of marine mammal coronavirus in Gammacoronavirus. <i>Journal of Virology</i> , 2014 , 88, 1318-31	6.6	99
729	Prevention of acute myocardial infarction and stroke among elderly persons by dual pneumococcal and influenza vaccination: a prospective cohort study. <i>Clinical Infectious Diseases</i> , 2010 , 51, 1007-16	11.6	98
728	Attenuated Interferon and Proinflammatory Response in SARS-CoV-2-Infected Human Dendritic Cells Is Associated With Viral Antagonism of STAT1 Phosphorylation. <i>Journal of Infectious Diseases</i> , 2020 , 222, 734-745	7	96
727	Cleavage of spike protein of SARS coronavirus by protease factor Xa is associated with viral infectivity. <i>Biochemical and Biophysical Research Communications</i> , 2007 , 359, 174-9	3.4	96
726	Susceptibility testing of <i>Clostridium difficile</i> against metronidazole and vancomycin by disk diffusion and Etest. <i>Diagnostic Microbiology and Infectious Disease</i> , 1999 , 34, 1-6	2.9	96
725	Molecular diagnostics in tuberculosis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2005 , 24, 711-20	5.3	95

724	Isolation and characterization of a novel Betacoronavirus subgroup A coronavirus, rabbit coronavirus HKU14, from domestic rabbits. <i>Journal of Virology</i> , 2012 , 86, 5481-96	6.6	94
723	Neutralization of SARS-CoV-2 Omicron variant by sera from BNT162b2 or Coronavac vaccine recipients.. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	94
722	Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. <i>Cell</i> , 2021 , 184, 2212-2228.e12	56.2	94
721	Clinical, virological, and histopathological manifestations of fatal human infections by avian influenza A(H7N9) virus. <i>Clinical Infectious Diseases</i> , 2013 , 57, 1449-57	11.6	93
720	A novel peptide with potent and broad-spectrum antiviral activities against multiple respiratory viruses. <i>Scientific Reports</i> , 2016 , 6, 22008	4.9	93
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- 1 Virus subtype-specific suppression of MAVS aggregation and activation by PB1-F2 protein of influenza A (H7N9) virus **2020**, 16, e1008611