

Lisa Ng

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

158
papers

9,046
citations

46
h-index

92
g-index

175
ext. papers

11,755
ext. citations

8.9
avg, IF

6.94
L-index

#	Paper	IF	Citations
158	Decreased memory B cell frequencies in COVID-19 delta variant vaccine breakthrough infection.. <i>EMBO Molecular Medicine</i> , 2022 , e15227	12	6
157	Malaria abrogates OSnyong-nyong virus pathologies by restricting virus infection in nonimmune cells.. <i>Life Science Alliance</i> , 2022 , 5,	5.8	2
156	Discrepant serological findings in SARS-CoV-2 PCR negative, hospitalised patients with fever and acute respiratory symptoms during the pandemic.. <i>Journal of Medical Virology</i> , 2022 ,	19.7	1
155	Data-Driven Analysis of COVID-19 Reveals Persistent Immune Abnormalities in Convalescent Severe Individuals. <i>Frontiers in Immunology</i> , 2021 , 12, 710217	8.4	2
154	Resistance of SARS-CoV-2 variants to neutralization by convalescent plasma from early COVID-19 outbreak in Singapore. <i>Npj Vaccines</i> , 2021 , 6, 125	9.5	5
153	Robust Virus-Specific Adaptive Immunity in COVID-19 Patients with SARS-CoV-2 B82 Variant Infection. <i>Journal of Clinical Immunology</i> , 2021 , 1	5.7	1
152	Viral Dynamics and Immune Correlates of Coronavirus Disease 2019 (COVID-19) Severity. <i>Clinical Infectious Diseases</i> , 2021 , 73, e2932-e2942	11.6	68
151	Convalescent COVID-19 patients are susceptible to endothelial dysfunction due to persistent immune activation. <i>ELife</i> , 2021 , 10,	8.9	41
150	Association of SARS-CoV-2 clades with clinical, inflammatory and virologic outcomes: An observational study. <i>EBioMedicine</i> , 2021 , 66, 103319	8.8	11
149	Persistent Symptoms and Association With Inflammatory Cytokine Signatures in Recovered Coronavirus Disease 2019 Patients. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab156	1	15
148	Asymptomatic COVID-19: disease tolerance with efficient anti-viral immunity against SARS-CoV-2. <i>EMBO Molecular Medicine</i> , 2021 , 13, e14045	12	12
147	Epitope-Functionalized Gold Nanoparticles for Rapid and Selective Detection of SARS-CoV-2 IgG Antibodies. <i>ACS Nano</i> , 2021 ,	16.7	26
146	Dynamics of SARS-CoV-2 neutralising antibody responses and duration of immunity: a longitudinal study. <i>Lancet Microbe, The</i> , 2021 , 2, e240-e249	22.2	144
145	Plasmodium vivax binds host CD98hc (SLC3A2) to enter immature red blood cells. <i>Nature Microbiology</i> , 2021 , 6, 991-999	26.6	5
144	Immunity, endothelial injury and complement-induced coagulopathy in COVID-19. <i>Nature Reviews Nephrology</i> , 2021 , 17, 46-64	14.9	209
143	Human neutralising antibodies elicited by SARS-CoV-2 non-D614G variants offer cross-protection against the SARS-CoV-2 D614G variant. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1241	6.8	13
142	Sensitive detection of total anti-Spike antibodies and isotype switching in asymptomatic and symptomatic individuals with COVID-19. <i>Cell Reports Medicine</i> , 2021 , 2, 100193	18	18

141	COVID-19 vaccines and kidney disease. <i>Nature Reviews Nephrology</i> , 2021 , 17, 291-293	14.9	50
140	Resistance of SARS-CoV-2 Delta variant to neutralization by BNT162b2-elicited antibodies in Asians. <i>The Lancet Regional Health - Western Pacific</i> , 2021 , 15, 100276	5	9
139	Gas6 drives Zika virus-induced neurological complications in humans and congenital syndrome in immunocompetent mice. <i>Brain, Behavior, and Immunity</i> , 2021 , 97, 260-274	16.6	5
138	Two linear epitopes on the SARS-CoV-2 spike protein that elicit neutralising antibodies in COVID-19 patients. <i>Nature Communications</i> , 2020 , 11, 2806	17.4	222
137	A Global Effort to Define the Human Genetics of Protective Immunity to SARS-CoV-2 Infection. <i>Cell</i> , 2020 , 181, 1194-1199	56.2	113
136	Longitudinal [18F]FB-IL-2 PET Imaging to Assess the Immunopathogenicity of O5nyong-nyong Virus Infection. <i>Frontiers in Immunology</i> , 2020 , 11, 894	8.4	3
135	TREM-1 activation is a potential key regulator in driving severe pathogenesis of enterovirus A71 infection. <i>Scientific Reports</i> , 2020 , 10, 3810	4.9	7
134	Role of T Cells in Chikungunya Virus Infection and Utilizing Their Potential in Anti-Viral Immunity. <i>Frontiers in Immunology</i> , 2020 , 11, 287	8.4	3
133	The trinity of COVID-19: immunity, inflammation and intervention. <i>Nature Reviews Immunology</i> , 2020 , 20, 363-374	36.5	2173
132	Type I interferon shapes the quantity and quality of the anti-Zika virus antibody response. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1126	6.8	3
131	Serological Approaches for COVID-19: Epidemiologic Perspective on Surveillance and Control. <i>Frontiers in Immunology</i> , 2020 , 11, 879	8.4	163
130	A promiscuous interaction of SARS-CoV-2 with bacterial products. <i>Journal of Molecular Cell Biology</i> , 2020 , 12, 914-915	6.3	1
129	Pathogenic Th1 responses in CHIKV-induced inflammation and their modulation upon Plasmodium parasites co-infection. <i>Immunological Reviews</i> , 2020 , 294, 80-91	11.3	5
128	Whole blood immunophenotyping uncovers immature neutrophil-to-VD2 T-cell ratio as an early marker for severe COVID-19. <i>Nature Communications</i> , 2020 , 11, 5243	17.4	77
127	Linear B-cell epitopes in the spike and nucleocapsid proteins as markers of SARS-CoV-2 exposure and disease severity. <i>EBioMedicine</i> , 2020 , 58, 102911	8.8	61
126	Safety and potential efficacy of cyclooxygenase-2 inhibitors in coronavirus disease 2019. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1159	6.8	12
125	Associations of viral ribonucleic acid (RNA) shedding patterns with clinical illness and immune responses in Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) infection. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1160	6.8	24
124	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

123	Systematic analysis of disease-specific immunological signatures in patients with febrile illness from Saudi Arabia. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1163	6.8	9
122	Fever Patterns, Cytokine Profiles, and Outcomes in COVID-19. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa375	1	19
121	Effects of a major deletion in the SARS-CoV-2 genome on the severity of infection and the inflammatory response: an observational cohort study. <i>Lancet, The</i> , 2020 , 396, 603-611	40	247
120	VCP/p97 Is a Proviral Host Factor for Replication of Chikungunya Virus and Other Alphaviruses. <i>Frontiers in Microbiology</i> , 2019 , 10, 2236	5.7	6
119	Chikungunya virus drug discovery: still a long way to go?. <i>Expert Opinion on Drug Discovery</i> , 2019 , 14, 855-866	6.2	12
118	Mutating chikungunya virus non-structural protein produces potent live-attenuated vaccine candidate. <i>EMBO Molecular Medicine</i> , 2019 , 11,	12	12
117	ZIKV-Specific NS1 Epitopes as Serological Markers of Acute Zika Virus Infection. <i>Journal of Infectious Diseases</i> , 2019 , 220, 203-212	7	6
116	Understanding Molecular Pathogenesis with Chikungunya Virus Research Tools. <i>Current Topics in Microbiology and Immunology</i> , 2019 , 1	3.3	3
115	Novel differential linear B-cell epitopes to identify Zika and dengue virus infections in patients. <i>Clinical and Translational Immunology</i> , 2019 , 8, e1066	6.8	13
114	Immunological observations and transcriptomic analysis of trimester-specific full-term placentas from three Zika virus-infected women. <i>Clinical and Translational Immunology</i> , 2019 , 8, e01082	6.8	10
113	Investigating the Cellular Transcriptomic Response Induced by the Makona Variant of Ebola Virus in Differentiated THP-1 Cells. <i>Viruses</i> , 2019 , 11,	6.2	5
112	controls chikungunya virus-specific pathogenic T cell IFN γ Th1 stimulation in mice. <i>Life Science Alliance</i> , 2019 , 2,	5.8	16
111	Novel differential linear B-cell epitopes to identify Zika and dengue virus infections in patients 2019 , 8, e1066		1
110	Efficient detection of Zika virus RNA in patients' blood from the 2016 outbreak in Campinas, Brazil. <i>Scientific Reports</i> , 2018 , 8, 4012	4.9	14
109	Longitudinal Study of Cellular and Systemic Cytokine Signatures to Define the Dynamics of a Balanced Immune Environment During Disease Manifestation in Zika Virus-Infected Patients. <i>Journal of Infectious Diseases</i> , 2018 , 218, 814-824	7	25
108	Mosquito Saliva Reshapes Alphavirus Infection and Immunopathogenesis. <i>Journal of Virology</i> , 2018 , 92,	6.6	11
107	Inhibition of the Replication of Different Strains of Chikungunya Virus by 3-Aryl-[1,2,3]triazolo[4,5-d]pyrimidin-7(6H)-ones. <i>ACS Infectious Diseases</i> , 2018 , 4, 605-619	5.5	13
106	Antibody-mediated enhancement aggravates chikungunya virus infection and disease severity. <i>Scientific Reports</i> , 2018 , 8, 1860	4.9	27

105	Interferon regulatory factor 1 is essential for pathogenic CD8+ T cell migration and retention in the brain during experimental cerebral malaria. <i>Cellular Microbiology</i> , 2018 , 20, e12819	3.9	10
104	Zika Virus Infection Preferentially Counterbalances Human Peripheral Monocyte and/or NK Cell Activity. <i>MSphere</i> , 2018 , 3,	5	22
103	Zika virus: from an obscurity to a priority. <i>Microbes and Infection</i> , 2018 , 20, 635-645	9.3	17
102	Zika Virus and the Eye. <i>Ocular Immunology and Inflammation</i> , 2018 , 26, 654-659	2.8	20
101	Therapeutic modulation of the bile acid pool by Cyp8b1 knockdown protects against nonalcoholic fatty liver disease in mice. <i>FASEB Journal</i> , 2018 , 32, 3792-3802	0.9	24
100	The 2016 Singapore Zika virus outbreak did not cause a surge in Guillain-Barré syndrome. <i>Journal of the Peripheral Nervous System</i> , 2018 , 23, 197-201	4.7	7
99	Nonstructural Proteins of Alphavirus-Potential Targets for Drug Development. <i>Viruses</i> , 2018 , 10,	6.2	31
98	Paradoxical Effect of Chloroquine Treatment in Enhancing Chikungunya Virus Infection. <i>Viruses</i> , 2018 , 10,	6.2	102
97	Viperin Poisons Viral Replication. <i>Cell Host and Microbe</i> , 2018 , 24, 181-183	23.4	6
96	Co-infection with Chikungunya virus alters trafficking of pathogenic CD8 T cells into the brain and prevents -induced neuropathology. <i>EMBO Molecular Medicine</i> , 2018 , 10, 121-138	12	12
95	Fast Tracks and Roadblocks for Zika Vaccines. <i>Vaccines</i> , 2018 , 6,	5.3	7
94	Multimodal assessments of Zika virus immune pathophysiological responses in marmosets. <i>Scientific Reports</i> , 2018 , 8, 17125	4.9	2
93	Plasmodium co-infection protects against chikungunya virus-induced pathologies. <i>Nature Communications</i> , 2018 , 9, 3905	17.4	17
92	Chikungunya virus: an update on the biology and pathogenesis of this emerging pathogen. <i>Lancet Infectious Diseases</i> , 2017 , 17, e107-e117	25.5	190
91	Fingolimod treatment abrogates chikungunya virus-induced arthralgia. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	33
90	Chikungunya virus nsP4 RNA-dependent RNA polymerase core domain displays detergent-sensitive primer extension and terminal adenylyltransferase activities. <i>Antiviral Research</i> , 2017 , 143, 38-47	10.8	31
89	Zika in the Americas, year 2: What have we learned? What gaps remain? A report from the Global Virus Network. <i>Antiviral Research</i> , 2017 , 144, 223-246	10.8	77
88	A Sensitive Method for Detecting Zika Virus Antigen in Patients' Whole-Blood Specimens as an Alternative Diagnostic Approach. <i>Journal of Infectious Diseases</i> , 2017 , 216, 182-190	7	20

87	Zika Virus Infects Human Fetal Brain Microglia and Induces Inflammation. <i>Clinical Infectious Diseases</i> , 2017 , 64, 914-920	11.6	82
86	Structural Optimizations of Thieno[3,2-b]pyrrole Derivatives for the Development of Metabolically Stable Inhibitors of Chikungunya Virus. <i>Journal of Medicinal Chemistry</i> , 2017 , 60, 3165-3186	8.3	22
85	Clinical features of patients with Zika and dengue virus co-infection in Singapore. <i>Journal of Infection</i> , 2017 , 74, 611-615	18.9	21
84	Protein kinases C as potential host targets for the inhibition of chikungunya virus replication. <i>Antiviral Research</i> , 2017 , 139, 79-87	10.8	15
83	Seroprevalence of antibodies against chikungunya virus in Singapore resident adult population. <i>PLoS Neglected Tropical Diseases</i> , 2017 , 11, e0006163	4.8	19
82	Cross-reactive dengue human monoclonal antibody prevents severe pathologies and death from Zika virus infections. <i>JCI Insight</i> , 2017 , 2,	9.9	47
81	Persistence of Zika virus in conjunctival fluid of convalescence patients. <i>Scientific Reports</i> , 2017 , 7, 11194	4.9	32
80	Specific inhibition of NLRP3 in chikungunya disease reveals a role for inflammasomes in alphavirus-induced inflammation. <i>Nature Microbiology</i> , 2017 , 2, 1435-1445	26.6	54
79	A compendium of small molecule direct-acting and host-targeting inhibitors as therapies against alphaviruses. <i>Journal of Antimicrobial Chemotherapy</i> , 2017 , 72, 2973-2989	5.1	14
78	Age has a role in driving host immunopathological response to alphavirus infection. <i>Immunology</i> , 2017 , 152, 545-555	7.8	5
77	Specific Biomarkers Associated With Neurological Complications and Congenital Central Nervous System Abnormalities From Zika Virus-Infected Patients in Brazil. <i>Journal of Infectious Diseases</i> , 2017 , 216, 172-181	7	54
76	Immunopathology of Chikungunya Virus Infection: Lessons Learned from Patients and Animal Models. <i>Annual Review of Virology</i> , 2017 , 4, 413-427	14.6	21
75	Severity of Plasma Leakage Is Associated With High Levels of Interferon Inducible Protein 10, Hepatocyte Growth Factor, Matrix Metalloproteinase 2 (MMP-2), and MMP-9 During Dengue Virus Infection. <i>Journal of Infectious Diseases</i> , 2017 , 215, 42-51	7	34
74	Immunopathogenesis and Virus-Host Interactions of Enterovirus 71 in Patients with Hand, Foot and Mouth Disease. <i>Frontiers in Microbiology</i> , 2017 , 8, 2249	5.7	30
73	The Antiviral Alkaloid Berberine Reduces Chikungunya Virus-Induced Mitogen-Activated Protein Kinase Signaling. <i>Journal of Virology</i> , 2016 , 90, 9743-9757	6.6	71
72	Early clearance of Chikungunya virus in children is associated with a strong innate immune response. <i>Scientific Reports</i> , 2016 , 6, 26097	4.9	21
71	Structural Studies of Chikungunya Virus-Like Particles Complexed with Human Antibodies: Neutralization and Cell-to-Cell Transmission. <i>Journal of Virology</i> , 2016 , 90, 1169-77	6.6	15
70	Host Response and Mechanisms of Subversion of Chikungunya 2016 , 19-32		

69	Virus infection drives IL-2 antibody complexes into pro-inflammatory agonists in mice. <i>Scientific Reports</i> , 2016 , 6, 37603	4.9	5
68	Role of pentraxin 3 in shaping arthritogenic alphaviral disease: from enhanced viral replication to immunomodulation. <i>PLoS Pathogens</i> , 2015 , 11, e1004649	7.6	23
67	Cellular and molecular mechanisms of chikungunya pathogenesis. <i>Antiviral Research</i> , 2015 , 120, 165-74	10.8	41
66	Sero-prevalence and cross-reactivity of chikungunya virus specific anti-E2E3 antibodies in arbovirus-infected patients. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e3445	4.8	46
65	Therapeutics and vaccines against chikungunya virus. <i>Vector-Borne and Zoonotic Diseases</i> , 2015 , 15, 250-7.4		53
64	Chikungunya virus pathogenesis and immunity. <i>Vector-Borne and Zoonotic Diseases</i> , 2015 , 15, 241-9	2.4	43
63	Chikungunya: international focus issue. <i>Vector-Borne and Zoonotic Diseases</i> , 2015 , 15, 221-2	2.4	4
62	Caribbean and La R�union Chikungunya Virus Isolates Differ in Their Capacity To Induce Proinflammatory Th1 and NK Cell Responses and Acute Joint Pathology. <i>Journal of Virology</i> , 2015 , 89, 7955-69	6.6	70
61	Decade in review-CNS infections: major advances against a moving target of CNS infections. <i>Nature Reviews Neurology</i> , 2015 , 11, 623-4	15	3
60	Trisubstituted Thieno[3,2-b]pyrrole 5-Carboxamides as Potent Inhibitors of Alphaviruses. <i>Journal of Medicinal Chemistry</i> , 2015 , 58, 9196-213	8.3	29
59	Loss of TLR3 aggravates CHIKV replication and pathology due to an altered virus-specific neutralizing antibody response. <i>EMBO Molecular Medicine</i> , 2015 , 7, 24-41	12	65
58	Limitations of Current Mouse Models for the Study of Chikungunya Virus Pathogenesis. <i>Medical Sciences (Basel, Switzerland)</i> , 2015 , 3, 64-77	3.3	8
57	Myeloid Cell Arg1 Inhibits Control of Arthritogenic Alphavirus Infection by Suppressing Antiviral T Cells. <i>PLoS Pathogens</i> , 2015 , 11, e1005191	7.6	14
56	A sensitive epitope-blocking ELISA for the detection of Chikungunya virus-specific antibodies in patients. <i>Journal of Virological Methods</i> , 2015 , 222, 55-61	2.6	6
55	Expanding regulatory T cells alleviates chikungunya virus-induced pathology in mice. <i>Journal of Virology</i> , 2015 , 89, 7893-7904	6.6	34
54	A Systematic Meta-analysis of Immune Signatures in Patients With Acute Chikungunya Virus Infection. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1925-35	7	68
53	Prime-boost immunization strategies against Chikungunya virus. <i>Journal of Virology</i> , 2014 , 88, 13333-43	6.6	55
52	The fine line between protection and pathology in neurotropic flavivirus and alphavirus infections. <i>Future Virology</i> , 2014 , 9, 313-330	2.4	3

51	Clustering HLA class I superfamilies using structural interaction patterns. <i>PLoS ONE</i> , 2014 , 9, e86655	3.7	14
50	Arbovirus Infections 2014 , 129-161.e3		7
49	An integrated lab-on-chip for rapid identification and simultaneous differentiation of tropical pathogens. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3043	4.8	27
48	Unique epitopes recognized by antibodies induced in Chikungunya virus-infected non-human primates: implications for the study of immunopathology and vaccine development. <i>PLoS ONE</i> , 2014 , 9, e95647	3.7	33
47	Comparative analysis of the genome sequences and replication profiles of chikungunya virus isolates within the East, Central and South African (ECSA) lineage. <i>Virology Journal</i> , 2013 , 10, 169	6.1	28
46	An essential role of antibodies in the control of Chikungunya virus infection. <i>Journal of Immunology</i> , 2013 , 190, 6295-302	5.3	111
45	Neutrophils: neglected players in viral diseases. <i>DNA and Cell Biology</i> , 2013 , 32, 665-75	3.6	17
44	Macrophage migration inhibitory factor receptor CD74 mediates alphavirus-induced arthritis and myositis in murine models of alphavirus infection. <i>Arthritis and Rheumatism</i> , 2013 , 65, 2724-36		32
43	A pathogenic role for CD4+ T cells during Chikungunya virus infection in mice. <i>Journal of Immunology</i> , 2013 , 190, 259-69	5.3	150
42	Longitudinal analysis of the human antibody response to Chikungunya virus infection: implications for serodiagnosis and vaccine development. <i>Journal of Virology</i> , 2012 , 86, 13005-15	6.6	99
41	Cerebral malaria: mysteries at the blood-brain barrier. <i>Virulence</i> , 2012 , 3, 193-201	4.7	89
40	Early neutralizing IgG response to Chikungunya virus in infected patients targets a dominant linear epitope on the E2 glycoprotein. <i>EMBO Molecular Medicine</i> , 2012 , 4, 330-43	12	139
39	Mouse models for Chikungunya virus: deciphering immune mechanisms responsible for disease and pathology. <i>Immunologic Research</i> , 2012 , 53, 136-47	4.3	33
38	Early appearance of neutralizing immunoglobulin G3 antibodies is associated with chikungunya virus clearance and long-term clinical protection. <i>Journal of Infectious Diseases</i> , 2012 , 205, 1147-54	7	135
37	Viperin restricts chikungunya virus replication and pathology. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4447-60	15.9	136
36	Chikungunya virus envelope-specific human monoclonal antibodies with broad neutralization potency. <i>Journal of Immunology</i> , 2011 , 186, 3258-64	5.3	67
35	Understanding infectious agents from an in silico perspective. <i>Drug Discovery Today</i> , 2011 , 16, 42-9	8.8	3
34	In silico prediction of the granzyme B degradome. <i>BMC Genomics</i> , 2011 , 12 Suppl 3, S11	4.5	5

33	Host response to Chikungunya virus and perspectives for immune-based therapies. <i>Future Virology</i> , 2011 , 6, 975-984	2.4	10
32	Chikungunya virus neutralization antigens and direct cell-to-cell transmission are revealed by human antibody-escape mutants. <i>PLoS Pathogens</i> , 2011 , 7, e1002390	7.6	73
31	Persistent arthralgia induced by Chikungunya virus infection is associated with interleukin-6 and granulocyte macrophage colony-stimulating factor. <i>Journal of Infectious Diseases</i> , 2011 , 203, 149-57	7	252
30	HLA class I restriction as a possible driving force for Chikungunya evolution. <i>PLoS ONE</i> , 2010 , 5, e9291	3.7	14
29	Re-emergence of Chikungunya virus in South-east Asia: virological evidence from Sri Lanka and Singapore. <i>Journal of General Virology</i> , 2010 , 91, 1067-76	4.9	108
28	Active infection of human blood monocytes by Chikungunya virus triggers an innate immune response. <i>Journal of Immunology</i> , 2010 , 184, 5903-13	5.3	199
27	Rapid detection of viral RNA by a pocket-size real-time PCR system. <i>Lab on A Chip</i> , 2010 , 10, 2632-4	7.2	29
26	SVM-based prediction of linear B-cell epitopes using Bayes Feature Extraction. <i>BMC Genomics</i> , 2010 , 11 Suppl 4, S21	4.5	56
25	IL-1beta, IL-6, and RANTES as biomarkers of Chikungunya severity. <i>PLoS ONE</i> , 2009 , 4, e4261	3.7	201
24	Cleavage of the SARS coronavirus spike glycoprotein by airway proteases enhances virus entry into human bronchial epithelial cells in vitro. <i>PLoS ONE</i> , 2009 , 4, e7870	3.7	121
23	Chikungunya fever--re-emergence of an old disease. <i>Microbes and Infection</i> , 2009 , 11, 1163-4	9.3	18
22	Immuno-biology of Chikungunya and implications for disease intervention. <i>Microbes and Infection</i> , 2009 , 11, 1186-96	9.3	64
21	Chikungunya: a bending reality. <i>Microbes and Infection</i> , 2009 , 11, 1165-76	9.3	85
20	Catching bird flu in a droplet. <i>Nature Medicine</i> , 2007 , 13, 1259-63	50.5	165
19	Cellular transcription modulator SMARCE1 binds to HBV core promoter containing naturally occurring deletions and represses viral replication. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2007 , 1772, 1075-84	6.9	7
18	Specific detection of H5N1 avian influenza A virus in field specimens by a one-step RT-PCR assay. <i>BMC Infectious Diseases</i> , 2006 , 6, 40	4	30
17	A cell-based system for hepatitis B virus replication: significance of clinically enhanced viral replication in relation to deletions in viral core promoter. <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 2001-4	2.8	6
16	Host heterogeneous ribonucleoprotein K (hnRNP K) as a potential target to suppress hepatitis B virus replication. <i>PLoS Medicine</i> , 2005 , 2, e163	11.6	41

15	SARS transmission pattern in Singapore reassessed by viral sequence variation analysis. <i>PLoS Medicine</i> , 2005 , 2, e43	11.6	30
14	Detection of severe acute respiratory syndrome coronavirus in blood of infected patients. <i>Journal of Clinical Microbiology</i> , 2004 , 42, 347-50	9.7	45
13	A human in vitro model system for investigating genome-wide host responses to SARS coronavirus infection. <i>BMC Infectious Diseases</i> , 2004 , 4, 34	4	62
12	The virus that changed my world. <i>PLoS Biology</i> , 2003 , 1, E66	9.7	1
11	Comparative full-length genome sequence analysis of 14 SARS coronavirus isolates and common mutations associated with putative origins of infection. <i>Lancet, The</i> , 2003 , 361, 1779-85	40	362
10	Membrane association and dimerization of a cysteine-rich, 16-kilodalton polypeptide released from the C-terminal region of the coronavirus infectious bronchitis virus 1a polyprotein. <i>Journal of Virology</i> , 2002 , 76, 6257-67	6.6	27
9	Further identification and characterization of products processed from the coronavirus avian infectious bronchitis virus (IBV) 1a polyprotein by the 3C-like proteinase. <i>Advances in Experimental Medicine and Biology</i> , 2001 , 494, 291-8	3.6	6
8	Further characterization of the coronavirus infectious bronchitis virus 3C-like proteinase and determination of a new cleavage site. <i>Virology</i> , 2000 , 272, 27-39	3.6	38
7	Identification of a novel cleavage activity of the first papain-like proteinase domain encoded by open reading frame 1a of the coronavirus Avian infectious bronchitis virus and characterization of the cleavage products. <i>Journal of Virology</i> , 2000 , 74, 1674-85	6.6	76
6	Identification of a 24-kDa polypeptide processed from the coronavirus infectious bronchitis virus 1a polyprotein by the 3C-like proteinase and determination of its cleavage sites. <i>Virology</i> , 1998 , 243, 388-93 ^{3.6}	3.6	34
5	Further characterisation of the coronavirus IBV ORF 1a products encoded by the 3C-like proteinase domain and the flanking regions. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 440, 161-71	3.6	2
4	Whole blood immunophenotyping uncovers immature neutrophil-to-VD2 T-cell ratio as an early prognostic marker for severe COVID-19		6
3	Neutralizing antibodies from early cases of SARS-CoV-2 infection offer cross-protection against the SARS-CoV-2 D614G variant		5
2	Convalescent COVID-19 patients are susceptible to endothelial dysfunction due to persistent immune activation		1
1	Gas6 drives Zika virus-induced neurological complications in humans and congenital syndrome in immunocompetent mice		1