

Feng Gao

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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.

253
papers

14,982
citations

58
h-index

119
g-index

284
ext. papers

17,767
ext. citations

8.5
avg, IF

6.15
L-index

#	Paper	IF	Citations
253	Identification and characterization of transmitted and early founder virus envelopes in primary HIV-1 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 7552-7	11.5	1472
252	Origin of HIV-1 in the chimpanzee <i>Pan troglodytes troglodytes</i> . <i>Nature</i> , 1999 , 397, 436-41	50.4	1170
251	Human immunodeficiency virus type 1 env clones from acute and early subtype B infections for standardized assessments of vaccine-elicited neutralizing antibodies. <i>Journal of Virology</i> , 2005 , 79, 10108-25	6.6	939
250	Co-evolution of a broadly neutralizing HIV-1 antibody and founder virus. <i>Nature</i> , 2013 , 496, 469-76	50.4	759
249	Diversity considerations in HIV-1 vaccine selection. <i>Science</i> , 2002 , 296, 2354-60	33.3	660
248	Human infection by genetically diverse SIVSM-related HIV-2 in west Africa. <i>Nature</i> , 1992 , 358, 495-9	50.4	391
247	DEG 10, an update of the database of essential genes that includes both protein-coding genes and noncoding genomic elements. <i>Nucleic Acids Research</i> , 2014 , 42, D574-80	20.1	364
246	Genetic and neutralization properties of subtype C human immunodeficiency virus type 1 molecular env clones from acute and early heterosexually acquired infections in Southern Africa. <i>Journal of Virology</i> , 2006 , 80, 11776-90	6.6	311
245	Phenotypic properties of transmitted founder HIV-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 6626-33	11.5	293
244	A comprehensive panel of near-full-length clones and reference sequences for non-subtype B isolates of human immunodeficiency virus type 1. <i>Journal of Virology</i> , 1998 , 72, 5680-98	6.6	239
243	Cooperation of B cell lineages in induction of HIV-1-broadly neutralizing antibodies. <i>Cell</i> , 2014 , 158, 481-91	36.2	213
242	Ori-Finder: a web-based system for finding oriCs in unannotated bacterial genomes. <i>BMC Bioinformatics</i> , 2008 , 9, 79	3.6	210
241	Maturation Pathway from Germline to Broad HIV-1 Neutralizer of a CD4-Mimic Antibody. <i>Cell</i> , 2016 , 165, 449-63	56.2	209
240	The role of antibody polyspecificity and lipid reactivity in binding of broadly neutralizing anti-HIV-1 envelope human monoclonal antibodies 2F5 and 4E10 to glycoprotein 41 membrane proximal envelope epitopes. <i>Journal of Immunology</i> , 2007 , 178, 4424-35	5.3	208
239	Emergence of SARS-CoV-2 through recombination and strong purifying selection. <i>Science Advances</i> , 2020 , 6,	14.3	205
238	High-throughput isolation of immunoglobulin genes from single human B cells and expression as monoclonal antibodies. <i>Journal of Virological Methods</i> , 2009 , 158, 171-9	2.6	181
237	Antigenicity and immunogenicity of a synthetic human immunodeficiency virus type 1 group m consensus envelope glycoprotein. <i>Journal of Virology</i> , 2005 , 79, 1154-63	6.6	177

236	Near full-length clones and reference sequences for subtype C isolates of HIV type 1 from three different continents. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 161-8	1.6	169
235	Initial antibodies binding to HIV-1 gp41 in acutely infected subjects are polyreactive and highly mutated. <i>Journal of Experimental Medicine</i> , 2011 , 208, 2237-49	16.6	166
234	A group M consensus envelope glycoprotein induces antibodies that neutralize subsets of subtype B and C HIV-1 primary viruses. <i>Virology</i> , 2006 , 353, 268-82	3.6	161
233	Polyclonal B cell responses to conserved neutralization epitopes in a subset of HIV-1-infected individuals. <i>Journal of Virology</i> , 2011 , 85, 11502-19	6.6	148
232	HIV-1 VACCINES. Diversion of HIV-1 vaccine-induced immunity by gp41-microbiota cross-reactive antibodies. <i>Science</i> , 2015 , 349, aab1253	33.3	144
231	Early low-titer neutralizing antibodies impede HIV-1 replication and select for virus escape. <i>PLoS Pathogens</i> , 2012 , 8, e1002721	7.6	143
230	Relative resistance of HIV-1 founder viruses to control by interferon-alpha. <i>Retrovirology</i> , 2013 , 10, 146	3.6	142
229	Vertical T cell immunodominance and epitope entropy determine HIV-1 escape. <i>Journal of Clinical Investigation</i> , 2013 , 123, 380-93	15.9	141
228	Global and regional molecular epidemiology of HIV-1, 1990-2015: a systematic review, global survey, and trend analysis. <i>Lancet Infectious Diseases, The</i> , 2019 , 19, 143-155	25.5	135
227	Staged induction of HIV-1 glycan-dependent broadly neutralizing antibodies. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	127
226	Transmitted/founder and chronic subtype C HIV-1 use CD4 and CCR5 receptors with equal efficiency and are not inhibited by blocking the integrin $\alpha 7$. <i>PLoS Pathogens</i> , 2012 , 8, e1002686	7.6	120
225	Database Resources of the National Genomics Data Center in 2020. <i>Nucleic Acids Research</i> , 2020 , 48, D24-D33	20.1	119
224	GC-Profile: a web-based tool for visualizing and analyzing the variation of GC content in genomic sequences. <i>Nucleic Acids Research</i> , 2006 , 34, W686-91	20.1	117
223	Bug mapping and fitness testing of chemically synthesized chromosome X. <i>Science</i> , 2017 , 355,	33.3	112
222	Human Non-neutralizing HIV-1 Envelope Monoclonal Antibodies Limit the Number of Founder Viruses during SHIV Mucosal Infection in Rhesus Macaques. <i>PLoS Pathogens</i> , 2015 , 11, e1005042	7.6	111
221	Recurrent signature patterns in HIV-1 B clade envelope glycoproteins associated with either early or chronic infections. <i>PLoS Pathogens</i> , 2011 , 7, e1002209	7.6	104
220	Antibody-virus co-evolution in HIV infection: paths for HIV vaccine development. <i>Immunological Reviews</i> , 2017 , 275, 145-160	11.3	102
219	Deep functional analysis of synII, a 770-kilobase synthetic yeast chromosome. <i>Science</i> , 2017 , 355,	33.3	101

218	DoriC 5.0: an updated database of oriC regions in both bacterial and archaeal genomes. <i>Nucleic Acids Research</i> , 2013 , 41, D90-3	20.1	101
217	Codon usage optimization of HIV type 1 subtype C gag, pol, env, and nef genes: in vitro expression and immune responses in DNA-vaccinated mice. <i>AIDS Research and Human Retroviruses</i> , 2003 , 19, 817-23 ^{1.6}		95
216	Database Resources of the BIG Data Center in 2019. <i>Nucleic Acids Research</i> , 2019 , 47, D8-D14	20.1	93
215	In vivo gp41 antibodies targeting the 2F5 monoclonal antibody epitope mediate human immunodeficiency virus type 1 neutralization breadth. <i>Journal of Virology</i> , 2009 , 83, 3617-25	6.6	92
214	Potent and broad HIV-neutralizing antibodies in memory B cells and plasma. <i>Science Immunology</i> , 2017 , 2,	28	86
213	Database Resources of the National Genomics Data Center, China National Center for Bioinformatics in 2021. <i>Nucleic Acids Research</i> , 2021 , 49, D18-D28	20.1	84
212	Immune perturbations in HIV-1-infected individuals who make broadly neutralizing antibodies. <i>Science Immunology</i> , 2016 , 1, aag0851	28	82
211	Antigenicity and immunogenicity of transmitted/founder, consensus, and chronic envelope glycoproteins of human immunodeficiency virus type 1. <i>Journal of Virology</i> , 2013 , 87, 4185-201	6.6	80
210	Ancestral and consensus envelope immunogens for HIV-1 subtype C. <i>Virology</i> , 2006 , 352, 438-49	3.6	80
209	Evidence of two distinct subsubtypes within the HIV-1 subtype A radiation. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 675-88	1.6	73
208	Genetic signatures in the envelope glycoproteins of HIV-1 that associate with broadly neutralizing antibodies. <i>PLoS Computational Biology</i> , 2010 , 6, e1000955	5	71
207	An autoreactive antibody from an SLE/HIV-1 individual broadly neutralizes HIV-1. <i>Journal of Clinical Investigation</i> , 2014 , 124, 1835-43	15.9	71
206	DoriC: a database of oriC regions in bacterial genomes. <i>Bioinformatics</i> , 2007 , 23, 1866-7	7.2	68
205	Initiation of immune tolerance-controlled HIV gp41 neutralizing B cell lineages. <i>Science Translational Medicine</i> , 2016 , 8, 336ra62	17.5	65
204	An alternative and effective HIV vaccination approach based on inhibition of antigen presentation attenuators in dendritic cells. <i>PLoS Medicine</i> , 2006 , 3, e11	11.6	65
203	Completeness of HIV-1 Envelope Glycan Shield at Transmission Determines Neutralization Breadth. <i>Cell Reports</i> , 2018 , 25, 893-908.e7	10.6	65
202	Affinity maturation in an HIV broadly neutralizing B-cell lineage through reorientation of variable domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 10275-80	11.5	63
201	A centralized gene-based HIV-1 vaccine elicits broad cross-clade cellular immune responses in rhesus monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 10489-94	11.5	63

200	Antigenicity and immunogenicity of HIV-1 consensus subtype B envelope glycoproteins. <i>Virology</i> , 2007 , 360, 218-34	3.6	62
199	Features of Recently Transmitted HIV-1 Clade C Viruses that Impact Antibody Recognition: Implications for Active and Passive Immunization. <i>PLoS Pathogens</i> , 2016 , 12, e1005742	7.6	61
198	Therapeutic potential of an anti-high mobility group box-1 monoclonal antibody in epilepsy. <i>Brain, Behavior, and Immunity</i> , 2017 , 64, 308-319	16.6	60
197	Unselected mutations in the human immunodeficiency virus type 1 genome are mostly nonsynonymous and often deleterious. <i>Journal of Virology</i> , 2004 , 78, 2426-33	6.6	60
196	Impact of clade, geography, and age of the epidemic on HIV-1 neutralization by antibodies. <i>Journal of Virology</i> , 2014 , 88, 12623-43	6.6	59
195	Cross-subtype T-cell immune responses induced by a human immunodeficiency virus type 1 group m consensus env immunogen. <i>Journal of Virology</i> , 2006 , 80, 6745-56	6.6	58
194	Complete genome sequence of <i>Acinetobacter baumannii</i> MDR-TJ and insights into its mechanism of antibiotic resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 2825-32	5.1	57
193	Prediction of proteinase cleavage sites in polyproteins of coronaviruses and its applications in analyzing SARS-CoV genomes. <i>FEBS Letters</i> , 2003 , 553, 451-6	3.8	56
192	Maternal HIV-1 envelope-specific antibody responses and reduced risk of perinatal transmission. <i>Journal of Clinical Investigation</i> , 2015 , 125, 2702-6	15.9	56
191	Detection of minor drug-resistant populations by parallel allele-specific sequencing. <i>Nature Methods</i> , 2007 , 4, 123-5	21.6	54
190	Depolarized GABAergic Signaling in Subicular Microcircuits Mediates Generalized Seizure in Temporal Lobe Epilepsy. <i>Neuron</i> , 2017 , 95, 92-105.e5	13.9	53
189	Strain-Specific V3 and CD4 Binding Site Autologous HIV-1 Neutralizing Antibodies Select Neutralization-Resistant Viruses. <i>Cell Host and Microbe</i> , 2015 , 18, 354-62	23.4	53
188	New Software for the Fast Estimation of Population Recombination Rates (FastEPRR) in the Genomic Era. <i>G3: Genes, Genomes, Genetics</i> , 2016 , 6, 1563-71	3.2	53
187	Initiation of HIV neutralizing B cell lineages with sequential envelope immunizations. <i>Nature Communications</i> , 2017 , 8, 1732	17.4	52
186	Ori-Finder 2, an integrated tool to predict replication origins in the archaeal genomes. <i>Frontiers in Microbiology</i> , 2014 , 5, 482	5.7	52
185	Dynamic antibody specificities and virion concentrations in circulating immune complexes in acute to chronic HIV-1 infection. <i>Journal of Virology</i> , 2011 , 85, 11196-207	6.6	50
184	Progress in HIV-1 vaccine development. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 3-10; quiz 11	11.5	49
183	Comparison of various algorithms for recognizing short coding sequences of human genes. <i>Bioinformatics</i> , 2004 , 20, 673-81	7.2	49

182	Centralized immunogens as a vaccine strategy to overcome HIV-1 diversity. <i>Expert Review of Vaccines</i> , 2004 , 3, S161-8	5.2	49
181	Emergence of SARS-CoV-2 through Recombination and Strong Purifying Selection 2020 ,		47
180	Detection of diverse variants of human immunodeficiency virus-1 groups M, N, and O and simian immunodeficiency viruses from chimpanzees by using generic pol and env primer pairs. <i>Journal of Infectious Diseases</i> , 2000 , 181, 1791-5	7	46
179	Tracking HIV-1 recombination to resolve its contribution to HIV-1 evolution in natural infection. <i>Nature Communications</i> , 2018 , 9, 1928	17.4	46
178	Significant Improvement of Oxidase Activity through the Genetic Incorporation of a Redox-active Unnatural Amino Acid. <i>Chemical Science</i> , 2015 , 6, 3881-3885	9.4	45
177	Analysis of low-frequency mutations associated with drug resistance to raltegravir before antiretroviral treatment. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 1114-9	5.9	45
176	High throughput functional analysis of HIV-1 env genes without cloning. <i>Journal of Virological Methods</i> , 2007 , 143, 104-11	2.6	44
175	DoriC 10.0: an updated database of replication origins in prokaryotic genomes including chromosomes and plasmids. <i>Nucleic Acids Research</i> , 2019 , 47, D74-D77	20.1	44
174	Primary infection by a human immunodeficiency virus with atypical coreceptor tropism. <i>Journal of Virology</i> , 2011 , 85, 10669-81	6.6	43
173	Presence of diverse human immunodeficiency virus type 1 viral variants in Cameroon. <i>AIDS Research and Human Retroviruses</i> , 2000 , 16, 1319-24	1.6	42
172	Impact of immune escape mutations on HIV-1 fitness in the context of the cognate transmitted/founder genome. <i>Retrovirology</i> , 2012 , 9, 89	3.6	40
171	Evolutionary conservation analysis between the essential and nonessential genes in bacterial genomes. <i>Scientific Reports</i> , 2015 , 5, 13210	4.9	37
170	Functionality of essential genes drives gene strand-bias in bacterial genomes. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 396, 472-6	3.4	34
169	DEG 15, an update of the Database of Essential Genes that includes built-in analysis tools. <i>Nucleic Acids Research</i> , 2021 , 49, D677-D686	20.1	34
168	Rare HIV-1 transmitted/founder lineages identified by deep viral sequencing contribute to rapid shifts in dominant quasispecies during acute and early infection. <i>PLoS Pathogens</i> , 2017 , 13, e1006510	7.6	33
167	Postnatally-transmitted HIV-1 Envelope variants have similar neutralization-sensitivity and function to that of nontransmitted breast milk variants. <i>Retrovirology</i> , 2013 , 10, 3	3.6	33
166	Zisland Explorer: detect genomic islands by combining homogeneity and heterogeneity properties. <i>Briefings in Bioinformatics</i> , 2017 , 18, 357-366	13.4	31
165	Low-frequency stimulation in anterior nucleus of thalamus alleviates kainate-induced chronic epilepsy and modulates the hippocampal EEG rhythm. <i>Experimental Neurology</i> , 2016 , 276, 22-30	5.7	31

164	Transient receptor potential vanilloid 1 activation by dietary capsaicin promotes urinary sodium excretion by inhibiting epithelial sodium channel β -subunit-mediated sodium reabsorption. <i>Hypertension</i> , 2014 , 64, 397-404	8.5	31
163	Heat shock protein 90 protects rat mesenchymal stem cells against hypoxia and serum deprivation-induced apoptosis via the PI3K/Akt and ERK1/2 pathways. <i>Journal of Zhejiang University: Science B</i> , 2010 , 11, 608-17	4.5	31
162	Anterior thalamic nucleus stimulation modulates regional cerebral metabolism: an FDG-MicroPET study in rats. <i>Neurobiology of Disease</i> , 2009 , 34, 477-83	7.5	30
161	Gene essentiality analysis based on DEG 10, an updated database of essential genes. <i>Methods in Molecular Biology</i> , 2015 , 1279, 219-33	1.4	30
160	Development of a contemporary globally diverse HIV viral panel by the EQAPOL program. <i>Journal of Immunological Methods</i> , 2014 , 409, 117-30	2.5	29
159	Amino Acid Changes in the HIV-1 gp41 Membrane Proximal Region Control Virus Neutralization Sensitivity. <i>EBioMedicine</i> , 2016 , 12, 196-207	8.8	28
158	Tissue plasminogen activator (tPA) signal sequence enhances immunogenicity of MVA-based vaccine against tuberculosis. <i>Immunology Letters</i> , 2017 , 190, 51-57	4.1	28
157	A Comprehensive Overview of Online Resources to Identify and Predict Bacterial Essential Genes. <i>Frontiers in Microbiology</i> , 2017 , 8, 2331	5.7	28
156	Selection and environmental adaptation along a path to speciation in the Tibetan frog. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E5056-E5065	11.5	28
155	HIV-1 did not contribute to the 2019-nCoV genome. <i>Emerging Microbes and Infections</i> , 2020 , 9, 378-381	18.9	27
154	Cross-reactive monoclonal antibodies to multiple HIV-1 subtype and SIVcpz envelope glycoproteins. <i>Virology</i> , 2009 , 394, 91-8	3.6	27
153	Genome sequence of <i>Acinetobacter baumannii</i> MDR-TJ. <i>Journal of Bacteriology</i> , 2011 , 193, 2365-6	3.5	25
152	Segmentation algorithm for DNA sequences. <i>Physical Review E</i> , 2005 , 72, 041917	2.4	25
151	Simultaneous detection of major drug resistance mutations in the protease and reverse transcriptase genes for HIV-1 subtype C by use of a multiplex allele-specific assay. <i>Journal of Clinical Microbiology</i> , 2013 , 51, 3666-74	9.7	23
150	Evolution of drug-resistant viral populations during interruption of antiretroviral therapy. <i>Journal of Virology</i> , 2011 , 85, 6403-15	6.6	22
149	DeOri: a database of eukaryotic DNA replication origins. <i>Bioinformatics</i> , 2012 , 28, 1551-2	7.2	22
148	Coronavirus phylogeny based on a geometric approach. <i>Molecular Phylogenetics and Evolution</i> , 2005 , 36, 224-32	4.1	22
147	Phosphodiesterase 5 inhibitor, zaprinast, selectively increases cerebral blood flow in the ischemic penumbra in the rat brain. <i>Neurological Research</i> , 2005 , 27, 638-43	2.7	22

146	Protein localization analysis of essential genes in prokaryotes. <i>Scientific Reports</i> , 2014 , 4, 6001	4.9	21
145	Protection Principle for a DC Distribution System with a Resistive Superconductive Fault Current Limiter. <i>Energies</i> , 2015 , 8, 4839-4852	3.1	21
144	Centralized HIV-1 envelope immunogens and neutralizing antibodies. <i>Current HIV Research</i> , 2007 , 5, 572-573	2.3	21
143	Longitudinal Antigenic Sequences and Sites from Intra-Host Evolution (LASSIE) Identifies Immune-Selected HIV Variants. <i>Viruses</i> , 2015 , 7, 5443-75	6.2	20
142	Identification of Horizontally-transferred Genomic Islands and Genome Segmentation Points by Using the GC Profile Method. <i>Current Genomics</i> , 2014 , 15, 113-21	2.6	20
141	Insights into mutualism mechanism and versatile metabolism of <i>Ketogulonicigenium vulgare</i> Hbe602 based on comparative genomics and metabolomics studies. <i>Scientific Reports</i> , 2016 , 6, 23068	4.9	19
140	Infant transmitted/founder HIV-1 viruses from peripartum transmission are neutralization resistant to paired maternal plasma. <i>PLoS Pathogens</i> , 2018 , 14, e1006944	7.6	19
139	Recombination-mediated escape from primary CD8+ T cells in acute HIV-1 infection. <i>Retrovirology</i> , 2014 , 11, 69	3.6	19
138	Recent development of Ori-Finder system and DoriC database for microbial replication origins. <i>Briefings in Bioinformatics</i> , 2019 , 20, 1114-1124	13.4	19
137	Identification of amino acid substitutions associated with neutralization phenotype in the human immunodeficiency virus type-1 subtype C gp120. <i>Virology</i> , 2011 , 409, 163-74	3.6	18
136	Recent advances in the genome-wide study of DNA replication origins in yeast. <i>Frontiers in Microbiology</i> , 2015 , 6, 117	5.7	17
135	Differential response in levels of high-density lipoprotein cholesterol to one-year metformin treatment in prediabetic patients by race/ethnicity. <i>Cardiovascular Diabetology</i> , 2015 , 14, 79	8.7	17
134	Extensive recombination due to heteroduplexes generates large amounts of artificial gene fragments during PCR. <i>PLoS ONE</i> , 2014 , 9, e106658	3.7	17
133	Antiviral Effects of ABMA against Herpes Simplex Virus Type 2 In Vitro and In Vivo. <i>Viruses</i> , 2018 , 10,	6.2	16
132	Complete sequence of pABTJ2, a plasmid from <i>Acinetobacter baumannii</i> MDR-TJ, carrying many phage-like elements. <i>Genomics, Proteomics and Bioinformatics</i> , 2014 , 12, 172-7	6.5	16
131	Molecular cloning and recombinant expression of a gene encoding a fungal immunomodulatory protein from <i>Ganoderma lucidum</i> in <i>Pichia pastoris</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2009 , 25, 383-390	4.4	16
130	Genome Sequence of <i>Bacillus endophyticus</i> and Analysis of Its Companion Mechanism in the <i>Ketogulonigenium vulgare</i> - <i>Bacillus</i> Strain Consortium. <i>PLoS ONE</i> , 2015 , 10, e0135104	3.7	16
129	Quantitative analysis of correlation between AT and GC biases among bacterial genomes. <i>PLoS ONE</i> , 2017 , 12, e0171408	3.7	16

128	Salicin inhibits AGE-induced degradation of type II collagen and aggrecan in human SW1353 chondrocytes: therapeutic potential in osteoarthritis. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019 , 47, 1043-1049	6.1	15
127	Maternal Broadly Neutralizing Antibodies Can Select for Neutralization-Resistant, Infant-Transmitted/Founder HIV Variants. <i>MBio</i> , 2020 , 11,	7.8	15
126	Bacteria may have multiple replication origins. <i>Frontiers in Microbiology</i> , 2015 , 6, 324	5.7	15
125	Antiviral effects of Retro-2 and Retro-2.1 against Enterovirus 71 in vitro and in vivo. <i>Antiviral Research</i> , 2017 , 144, 311-321	10.8	14
124	Identification of HIV-1 genitourinary tract compartmentalization by analyzing the env gene sequences in urine. <i>Aids</i> , 2015 , 29, 1651-7	3.5	14
123	Enzymes are enriched in bacterial essential genes. <i>PLoS ONE</i> , 2011 , 6, e21683	3.7	14
122	Recent Advances in the Identification of Replication Origins Based on the Z-curve Method. <i>Current Genomics</i> , 2014 , 15, 104-12	2.6	14
121	Transmission of Multiple HIV-1 Subtype C Transmitted/founder Viruses into the Same Recipients Was not Determined by Modest Phenotypic Differences. <i>Scientific Reports</i> , 2016 , 6, 38130	4.9	14
120	Toward a high-quality pan-genome landscape of Bacillus subtilis by removal of confounding strains. <i>Briefings in Bioinformatics</i> , 2021 , 22, 1951-1971	13.4	14
119	Molecular characterization of a highly divergent HIV type 1 isolate obtained early in the AIDS epidemic from the Democratic Republic of Congo. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 1217-22	1.6	13
118	Detection of Donor HIV Strain in HIV-Positive Kidney-Transplant Recipient. <i>New England Journal of Medicine</i> , 2020 , 382, 195-197	59.2	13
117	Comparison of the binding characteristics of SARS-CoV and SARS-CoV-2 RBDs to ACE2 at different temperatures by MD simulations. <i>Briefings in Bioinformatics</i> , 2021 , 22, 1122-1136	13.4	13
116	Variable epilepsy phenotypes associated with heterozygous mutation in the SCN9A gene: report of two cases. <i>Neurological Sciences</i> , 2018 , 39, 1113-1115	3.5	12
115	Novel intranasal pertussis vaccine based on bacterium-like particles as a mucosal adjuvant. <i>Immunology Letters</i> , 2018 , 198, 26-32	4.1	12
114	Simultaneous Detection of Major Drug Resistance Mutations of HIV-1 Subtype B Viruses from Dried Blood Spot Specimens by Multiplex Allele-Specific Assay. <i>Journal of Clinical Microbiology</i> , 2016 , 54, 220-2	29.7	12
113	Origins of replication in Cyanothecce 51142. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, E125; author reply E126-7	11.5	12
112	Bioinformatics analysis of molecular mechanisms involved in intervertebral disc degeneration induced by TNF- α and IL-1 β <i>Molecular Medicine Reports</i> , 2016 , 13, 2925-31	2.9	12
111	Comparative genomics analysis of the companion mechanisms of Bacillus thuringiensis Bc601 and Bacillus endophyticus Hbe603 in bacterial consortium. <i>Scientific Reports</i> , 2016 , 6, 28794	4.9	12

110	Pan-genomic analysis provides novel insights into the association of E.coli with human host and its minimal genome. <i>Bioinformatics</i> , 2019 , 35, 1987-1991	7.2	12
109	Complete genome sequencing and antibiotics biosynthesis pathways analysis of <i>Streptomyces lydicus</i> 103. <i>Scientific Reports</i> , 2017 , 7, 44786	4.9	11
108	Comparison of immunogenicity, efficacy and transcriptome changes of inactivated rabies virus vaccine with different adjuvants. <i>Vaccine</i> , 2018 , 36, 5020-5029	4.1	11
107	Preexisting compensatory amino acids compromise fitness costs of a HIV-1 T cell escape mutation. <i>Retrovirology</i> , 2014 , 11, 101	3.6	11
106	An overview of potential inhibitors targeting non-structural proteins 3 (PL and Mac1) and 5 (3CL/M) of SARS-CoV-2. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 4868-4883	6.8	11
105	Thrombin disrupts vascular endothelial-cadherin and leads to hydrocephalus via protease-activated receptors-1 pathway. <i>CNS Neuroscience and Therapeutics</i> , 2019 , 25, 1142-1150	6.8	10
104	Exosomes Released from Rabies Virus-Infected Cells May be Involved in the Infection Process. <i>Virologica Sinica</i> , 2019 , 34, 59-65	6.4	10
103	A reduction in both visceral and subcutaneous fats contributes to increased adiponectin by lifestyle intervention in the Diabetes Prevention Program. <i>Acta Diabetologica</i> , 2015 , 52, 625-8	3.9	10
102	HIV-1 Consensus Envelope-Induced Broadly Binding Antibodies. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 859-868	1.6	9
101	Comparative analysis of essential genes in prokaryotic genomic islands. <i>Scientific Reports</i> , 2015 , 5, 12561	4.9	9
100	Long non-coding RNA DSCAM-AS1 upregulates expression through sponging miR-101-3p to accelerate osteosarcoma progression. <i>Biochemistry and Cell Biology</i> , 2020 , 98, 600-611	3.6	9
99	Development of broad neutralization activity in simian/human immunodeficiency virus-infected rhesus macaques after long-term infection. <i>Aids</i> , 2018 , 32, 555-563	3.5	9
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