

Feng Gao

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.

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	Genetic analysis of a SARS-CoV-2 Omicron variant from a Chinese traveler returning from overseas.. <i>Emerging Microbes and Infections</i> , 2022 , 1-9	18.9	3
252	Identification and characterization of a central replication origin of the mega-plasmid pSCATT of <i>Streptomyces cattleya</i> .. <i>Microbiological Research</i> , 2022 , 257, 126975	5.3	0
251	An Effective Preprocessing Method for High-Quality Pan-Genome Analysis of <i>Bacillus subtilis</i> and <i>Escherichia coli</i> . <i>Methods in Molecular Biology</i> , 2022 , 2377, 371-390	1.4	0
250	Predicting crop root concentration factors of organic contaminants with machine learning models. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127437	12.8	1
249	The role of three-dimensional MRI in the differentiation between angular pregnancy and interstitial pregnancy.. <i>BMC Pregnancy and Childbirth</i> , 2022 , 22, 133	3.2	0
248	SARS-CoV-2 variant B.1.1.7 caused HLA-A2 CD8 T cell epitope mutations for impaired cellular immune response.. <i>IScience</i> , 2022 , 25, 103934	6.1	1
247	Development of Neutralization Breadth against Diverse HIV-1 by Increasing Ab-Ag Interface on V2.. <i>Advanced Science</i> , 2022 , e2200063	13.6	
246	First demonstration of the FLASH effect with ultrahigh dose rate high-energy X-rays. <i>Radiotherapy and Oncology</i> , 2021 , 166, 44-50	5.3	8
245	Lupus gut microbiota transplants cause autoimmunity and inflammation. <i>Clinical Immunology</i> , 2021 , 233, 108892	9	5
244	CdTe QDs@ZIF-8 composite-based recyclable ratiometric fluorescent sensor for rapid and sensitive detection of chlortetracycline.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021 , 270, 120785	4.4	1
243	Hyperglycemic hemifacial spasm: A case report. <i>CNS Neuroscience and Therapeutics</i> , 2021 , 27, 1614-16166.8	166.8	0
242	Protective Effect of Oxytocin on Ventilator-Induced Lung Injury Through NLRP3-Mediated Pathways. <i>Frontiers in Pharmacology</i> , 2021 , 12, 722907	5.6	0
241	Distinct mechanisms of long-term virologic control in two HIV-infected individuals after treatment interruption of anti-retroviral therapy. <i>Nature Medicine</i> , 2021 , 27, 1893-1898	50.5	2
240	Position preference of essential genes in prokaryotic operons. <i>PLoS ONE</i> , 2021 , 16, e0250380	3.7	0
239	Mutations that confer resistance to broadly-neutralizing antibodies define HIV-1 variants of transmitting mothers from that of non-transmitting mothers. <i>PLoS Pathogens</i> , 2021 , 17, e1009478	7.6	1
238	Different evolutionary pathways of HIV-1 between fetus and mother perinatal transmission pairs indicate unique immune selection in fetuses. <i>Cell Reports Medicine</i> , 2021 , 2, 100315	18	0
237	Evidence for a chromosome origin unwinding system broadly conserved in bacteria. <i>Nucleic Acids Research</i> , 2021 , 49, 7525-7536	20.1	0

236	Toward a high-quality pan-genome landscape of <i>Bacillus subtilis</i> by removal of confounding strains. <i>Briefings in Bioinformatics</i> , 2021 , 22, 1951-1971	13.4	14
235	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
234	Database Resources of the National Genomics Data Center, China National Center for Bioinformation in 2021. <i>Nucleic Acids Research</i> , 2021 , 49, D18-D28	20.1	84
233	Ori-Finder 3: a web server for genome-wide prediction of replication origins in <i>Saccharomyces cerevisiae</i> . <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	3
232	Crumbs proteins stabilize the cone mosaics of photoreceptors and improve vision in zebrafish. <i>Journal of Genetics and Genomics</i> , 2021 , 48, 52-62	4	1
231	Endovascular revascularization of chronically occluded vertebral artery: single-center experience. <i>Wideochirurgia I Inne Techniki Maloinwazyjne</i> , 2021 , 16, 211-218	1.4	0
230	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
229	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
228	Data-driven identification of SARS-CoV-2 subpopulations using PhenoGraph and binary-coded genomic data. <i>Briefings in Bioinformatics</i> , 2021 , 22,	13.4	2
227	Mutant EK1 with Q1004E/N1006I: a promising fusion inhibitor for the HR1 domain of SARS-CoV-2.. <i>Journal of Infection</i> , 2021 ,	18.9	
226	Interferon Inhibition Enhances the Pilot-Scale Production of Rabies Virus in Human Diploid MRC-5 Cells.. <i>Viruses</i> , 2021 , 14,	6.2	2
225	Direct Prediction of Bioaccumulation of Organic Contaminants in Plant Roots from Soils with Machine Learning Models Based on Molecular Structures. <i>Environmental Science & Technology</i> , 2021 ,	10.3	4
224	External Quality Assessment for Next-Generation Sequencing-Based HIV Drug Resistance Testing: Unique Requirements and Challenges. <i>Viruses</i> , 2020 , 12,	6.2	6
223	External Quality Assessment Program for Next-Generation Sequencing-Based HIV Drug Resistance Testing: Logistical Considerations. <i>Viruses</i> , 2020 , 12,	6.2	5
222	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
221	Maternal Broadly Neutralizing Antibodies Can Select for Neutralization-Resistant, Infant-Transmitted/Founder HIV Variants. <i>MBio</i> , 2020 , 11,	7.8	15
220	Emergence of SARS-CoV-2 through recombination and strong purifying selection. <i>Science Advances</i> , 2020 , 6,	14.3	205
219	A systematic strategy for the investigation of vaccines and drugs targeting bacteria. <i>Computational and Structural Biotechnology Journal</i> , 2020 , 18, 1525-1538	6.8	7

218	Teneligliptin inhibits IL-1 β -induced degradation of extracellular matrix in human chondrocytes. <i>Journal of Cellular Biochemistry</i> , 2020 , 121, 4450-4457	4.7	2
217	Induction of Neutralizing Responses against Autologous Virus in Maternal HIV Vaccine Trials. <i>MSphere</i> , 2020 , 5,	5	1
216	HIV-1 did not contribute to the 2019-nCoV genome. <i>Emerging Microbes and Infections</i> , 2020 , 9, 378-381	18.9	27
215	Development of Antibodies with Broad Neutralization Specificities against HIV-1 after Long Term SHIV Infection in Macaques. <i>Viruses</i> , 2020 , 12,	6.2	3
214	An HIV-1 vaccine based on bacterium-like particles elicits Env-specific mucosal immune responses. <i>Immunology Letters</i> , 2020 , 222, 29-39	4.1	3
213	Comparative genomics analysis of <i>Acinetobacter haemolyticus</i> isolates from sputum samples of respiratory patients. <i>Genomics</i> , 2020 , 112, 2784-2793	4.3	5
212	Database Resources of the National Genomics Data Center in 2020. <i>Nucleic Acids Research</i> , 2020 , 48, D24-D33	20.1	119
211	Emergence of SARS-CoV-2 through Recombination and Strong Purifying Selection 2020 ,		47
210	Reduction of peak viremia by an integration-defective SIV proviral DNA vaccine in rhesus macaques. <i>Microbiology and Immunology</i> , 2020 , 64, 52-62	2.7	0
209	Early elevated neutrophil-to-lymphocyte ratio associated with remote diffusion-weighted imaging lesions in acute intracerebral hemorrhage. <i>CNS Neuroscience and Therapeutics</i> , 2020 , 26, 430-437	6.8	7
208	Detection of Donor β HIV Strain in HIV-Positive Kidney-Transplant Recipient. <i>New England Journal of Medicine</i> , 2020 , 382, 195-197	59.2	13
207	Accumulated mutations by 6 months of infection collectively render transmitted/founder HIV-1 significantly less fit. <i>Journal of Infection</i> , 2020 , 80, 210-218	18.9	1
206	HIV-1 diversity and compartmentalization in urine, semen, and blood. <i>Medicine (United States)</i> , 2020 , 99, e23063	1.8	2
205	Loratadine Alleviates Advanced Glycation End Product-Induced Activation of NLRP3 Inflammasome in Human Chondrocytes. <i>Drug Design, Development and Therapy</i> , 2020 , 14, 2899-2908	4.4	6
204	β Catenin Controls the Electrophysiologic Properties of Skeletal Muscle Cells by Regulating the β Isoform of Na/K-ATPase. <i>Frontiers in Neuroscience</i> , 2019 , 13, 831	5.1	1
203	Comprehensive Analysis of Replication Origins in Genomes. <i>Frontiers in Microbiology</i> , 2019 , 10, 2122	5.7	8
202	CD200Fc Improves Neurological Function by Protecting the Blood-brain Barrier after Intracerebral Hemorrhage. <i>Cell Transplantation</i> , 2019 , 28, 1321-1328	4	5
201	The effect of autonomously replicating sequences on gene expression in <i>saccharomyces cerevisiae</i> . <i>Biochemical Engineering Journal</i> , 2019 , 149, 107250	4.2	4

200	Determination of the cleavage site of enterovirus 71 VP0 and the effect of this cleavage on viral infectivity and assembly. <i>Microbial Pathogenesis</i> , 2019 , 134, 103568	3.8	4
199	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
198	Exosome-Mediated Delivery of Inducible miR-423-5p Enhances Resistance of MRC-5 Cells to Rabies Virus Infection. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	8
197	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
196	Quantitative analysis and assessment of base composition asymmetry and gene orientation bias in bacterial genomes. <i>FEBS Letters</i> , 2019 , 593, 918-925	3.8	2
195	Determination of neutralization activities by a new versatile assay using an HIV-1 genome carrying the Gaussia luciferase gene. <i>Journal of Virological Methods</i> , 2019 , 267, 22-28	2.6	3
194	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
193	P2Y11 receptor antagonist NF340 ameliorates inflammation in human fibroblast-like synoviocytes: An implication in rheumatoid arthritis. <i>IUBMB Life</i> , 2019 , 71, 1552-1560	4.7	0
192	Increased predominance of HIV-1 CRF01_AE and its recombinants in the Philippines. <i>Journal of General Virology</i> , 2019 , 100, 511-522	4.9	7
191	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
190	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
189	Database Resources of the BIG Data Center in 2019. <i>Nucleic Acids Research</i> , 2019 , 47, D8-D14	20.1	93
188	Reversible splenic lesion syndrome in children with benign convulsions associated with mild gastroenteritis: A retrospective study of five cases. <i>Brain and Development</i> , 2019 , 41, 271-275	2.2	1
187	Global and regional molecular epidemiology of HIV-1, 1990-2015: a systematic review, global survey, and trend analysis. <i>Lancet Infectious Diseases</i> , 2019 , 19, 143-155	25.5	135
186	TPO-Ab plays a role in arterial remodeling in patients with intracranial stenosis. <i>Atherosclerosis</i> , 2019 , 280, 140-146	3.1	3
185	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
184	miRNA-101 promotes chondrogenic differentiation in rat bone marrow mesenchymal stem cells. <i>Experimental and Therapeutic Medicine</i> , 2019 , 17, 175-180	2.1	8
183	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

182	The systematic analysis of ultraconserved genomic regions in the budding yeast. <i>Bioinformatics</i> , 2018 , 34, 361-366	7.2	1
181	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
180	Recombinational DSBs-intersected genes converge on specific disease- and adaptability-related pathways. <i>Bioinformatics</i> , 2018 , 34, 3421-3426	7.2	0
179	Novel intranasal pertussis vaccine based on bacterium-like particles as a mucosal adjuvant. <i>Immunology Letters</i> , 2018 , 198, 26-32	4.1	12
178	Association of Renal Dysfunction With Remote Diffusion-Weighted Imaging Lesions and Total Burden of Cerebral Small Vessel Disease in Patients With Primary Intracerebral Hemorrhage. <i>Frontiers in Aging Neuroscience</i> , 2018 , 10, 171	5.3	5
177	Factors Associated With Remote Diffusion-Weighted Imaging Lesions in Spontaneous Intracerebral Hemorrhage. <i>Frontiers in Neurology</i> , 2018 , 9, 209	4.1	9
176	Antiviral Effects of ABMA against Herpes Simplex Virus Type 2 In Vitro and In Vivo. <i>Viruses</i> , 2018 , 10,	6.2	16
175	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
174	Antisense-Derived HIV-1 Cryptic Epitopes Are Not Major Drivers of Viral Evolution during the Acute Phase of Infection. <i>Journal of Virology</i> , 2018 , 92,	6.6	1
173	Structure of tRNA-Modifying Enzyme TiaS and Motions of Its Substrate Binding Zinc Ribbon. <i>Journal of Molecular Biology</i> , 2018 , 430, 4183-4194	6.5	2
172	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
171	Antiviral Effect of Retro-2.1 against Herpes Simplex Virus Type 2 In Vitro. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 849-859	3.3	8
170	Performance of Homologous and Heterologous Prime-Boost Immunization Regimens of Recombinant Adenovirus and Modified Vaccinia Virus Ankara Expressing an Ag85B-TB10.4 Fusion Protein against. <i>Journal of Microbiology and Biotechnology</i> , 2018 , 28, 1022-1029	3.3	2
169	Completeness of HIV-1 Envelope Glycan Shield at Transmission Determines Neutralization Breadth. <i>Cell Reports</i> , 2018 , 25, 893-908.e7	10.6	65
168	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
167	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
166	Antibody-virus co-evolution in HIV infection: paths for HIV vaccine development. <i>Immunological Reviews</i> , 2017 , 275, 145-160	11.3	102
165	Bug mapping and fitness testing of chemically synthesized chromosome X. <i>Science</i> , 2017 , 355,	33.3	112

164	Deep functional analysis of synII, a 770-kilobase synthetic yeast chromosome. <i>Science</i> , 2017 , 355,	33.3	101
163	Potent and broad HIV-neutralizing antibodies in memory B cells and plasma. <i>Science Immunology</i> , 2017 , 2,	28	86
162	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
161	Evaluation of recombinant adenovirus vaccines based on glycoprotein D and truncated UL25 against herpes simplex virus type 2 in mice. <i>Microbiology and Immunology</i> , 2017 , 61, 176-184	2.7	3
160	Identification of novel genes associated with fracture healing in osteoporosis induced by Krm2 overexpression or Lrp5 deficiency. <i>Molecular Medicine Reports</i> , 2017 , 15, 3969-3976	2.9	4
159	Comparative genomics and metabolomics analyses of the adaptation mechanism in <i>Ketogulonicigenium vulgare</i> - <i>Bacillus thuringiensis</i> consortium. <i>Scientific Reports</i> , 2017 , 7, 46759	4.9	8
158	Depolarized GABAergic Signaling in Subicular Microcircuits Mediates Generalized Seizure in Temporal Lobe Epilepsy. <i>Neuron</i> , 2017 , 95, 92-105.e5	13.9	53
157	Staged induction of HIV-1 glycan-dependent broadly neutralizing antibodies. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	127
156	HIV-1 Consensus Envelope-Induced Broadly Binding Antibodies. <i>AIDS Research and Human Retroviruses</i> , 2017 , 33, 859-868	1.6	9
155	Complete genome sequencing and antibiotics biosynthesis pathways analysis of <i>Streptomyces lydicus</i> 103. <i>Scientific Reports</i> , 2017 , 7, 44786	4.9	11
154	The application of wrapping ureter by a pedicled gastrocolic omentum flap combined with an artificial external scaffold to prevent stoma stenosis in rabbit after ureterocutaneostomy. <i>International Urology and Nephrology</i> , 2017 , 49, 255-261	2.3	1
153	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
152	Initiation of HIV neutralizing B cell lineages with sequential envelope immunizations. <i>Nature Communications</i> , 2017 , 8, 1732	17.4	52
151	A strongly selected mutation in the HIV-1 genome is independent of T cell responses and neutralizing antibodies. <i>Retrovirology</i> , 2017 , 14, 46	3.6	2
150	Zisland Explorer: detect genomic islands by combining homogeneity and heterogeneity properties. <i>Briefings in Bioinformatics</i> , 2017 , 18, 357-366	13.4	31
149	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
148	Immunological and virological characteristics of human immunodeficiency virus type 1 superinfection: implications in vaccine design. <i>Frontiers of Medicine</i> , 2017 , 11, 480-489	12	4
147	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

146	Immunologic and Virologic Mechanisms for Partial Protection from Intravenous Challenge by an Integration-Defective SIV Vaccine. <i>Viruses</i> , 2017 , 9,	6.2	3
145	A Comprehensive Overview of Online Resources to Identify and Predict Bacterial Essential Genes. <i>Frontiers in Microbiology</i> , 2017 , 8, 2331	5.7	28
144	Remote Diffusion-Weighted Imaging Lesions in Intracerebral Hemorrhage: Characteristics, Mechanisms, Outcomes, and Therapeutic Implications. <i>Frontiers in Neurology</i> , 2017 , 8, 678	4.1	9
143	Quantitative analysis of correlation between AT and GC biases among bacterial genomes. <i>PLoS ONE</i> , 2017 , 12, e0171408	3.7	16
142	A decrease of ripples precedes seizure onset in mesial temporal lobe epilepsy. <i>Experimental Neurology</i> , 2016 , 284, 29-37	5.7	7
141	Initiation of immune tolerance-controlled HIV gp41 neutralizing B cell lineages. <i>Science Translational Medicine</i> , 2016 , 8, 336ra62	17.5	65
140	Immune perturbations in HIV-1-infected individuals who make broadly neutralizing antibodies. <i>Science Immunology</i> , 2016 , 1, aag0851	28	82
139	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
138	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
137	Maturation Pathway from Germline to Broad HIV-1 Neutralizer of a CD4-Mimic Antibody. <i>Cell</i> , 2016 , 165, 449-63	56.2	209
136	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, 220-29.7	12	
135	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
134	Genetic Characterization of a Panel of Diverse HIV-1 Isolates at Seven International Sites. <i>PLoS ONE</i> , 2016 , 11, e0157340	3.7	7
133	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
132	The Significance of Ultrasound in Determining Whether SHPT Patients Are Sensitive to Calcitriol Treatment. <i>BioMed Research International</i> , 2016 , 2016, 6193751	3	3
131	Fast Dissemination of New HIV-1 CRF02/A1 Recombinants in Pakistan. <i>PLoS ONE</i> , 2016 , 11, e0167839	3.7	7
130	Hidden failure identification and protection of multi-grounding fault in secondary circuit of potential transformer. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2016 , 11, 300-307	1	2
129	High-Frequency Illegitimate Strand Transfers of Nascent DNA Fragments During Reverse Transcription Result in Defective Retrovirus Genomes. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016 , 72, 353-62	3.1	1

128	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
127	Comparative genomics analysis of the companion mechanisms of <i>Bacillus thuringiensis</i> Bc601 and <i>Bacillus endophyticus</i> Hbe603 in bacterial consortium. <i>Scientific Reports</i> , 2016 , 6, 28794	4.9	12
126	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
125	Complete Genome Sequence of the Industrial Bacterium <i>Ketogulonicigenium vulgare</i> SKV. <i>Genome Announcements</i> , 2016 , 4,		3
124	Dravet syndrome with favourable cognitive and behavioral development due to a novel SCN1A frameshift mutation. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 146, 144-6	2	2
123	A study of high-dose lenalidomide induction and low-dose lenalidomide maintenance therapy for patients with hypomethylating agent refractory myelodysplastic syndrome. <i>Leukemia and Lymphoma</i> , 2016 , 57, 2535-40	1.9	9
122	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
121	Application of computer simulators in population genetics. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , 2016 , 38, 707-17	1.4	
120	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
119	Comparative analysis of essential genes in prokaryotic genomic islands. <i>Scientific Reports</i> , 2015 , 5, 12561	4.9	9
118	Identification of a common epitope between enterovirus 71 and human MED25 proteins which may explain virus-associated neurological disease. <i>Viruses</i> , 2015 , 7, 1558-77	6.2	6
117	Recent advances in the genome-wide study of DNA replication origins in yeast. <i>Frontiers in Microbiology</i> , 2015 , 6, 117	5.7	17
116	Hyperammonemic encephalopathy in a child with ornithine transcarbamylase deficiency due to a novel combined heterozygous mutations. <i>American Journal of Emergency Medicine</i> , 2015 , 33, 474.e1-3	2.9	6
115	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
114	Low-frequency stimulation of the external globus palladium produces anti-epileptogenic and anti-ictogenic actions in rats. <i>Acta Pharmacologica Sinica</i> , 2015 , 36, 957-65	8	5
113	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
112	Exome sequencing identifies novel ApoB loss-of-function mutations causing hypobetalipoproteinemia in type 1 diabetes. <i>Acta Diabetologica</i> , 2015 , 52, 531-7	3.9	
111	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

110	Evolutionary conservation analysis between the essential and nonessential genes in bacterial genomes. <i>Scientific Reports</i> , 2015 , 5, 13210	4.9	37
109	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
108	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
107	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
106	Protection Principle for a DC Distribution System with a Resistive Superconductive Fault Current Limiter. <i>Energies</i> , 2015 , 8, 4839-4852	3.1	21
105	Bacteria may have multiple replication origins. <i>Frontiers in Microbiology</i> , 2015 , 6, 324	5.7	15
104	Identification of the Replication Origins from Cyanothecce ATCC 51142 and Their Interactions with the DnaA Protein: From In Silico to In Vitro Studies. <i>Frontiers in Microbiology</i> , 2015 , 6, 1370	5.7	5
103	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
102	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
101	Enhanced Sensitivity for Detection of HIV-1 p24 Antigen by a Novel Nuclease-Linked Fluorescence Oligonucleotide Assay. <i>PLoS ONE</i> , 2015 , 10, e0125701	3.7	8
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