

Going viral: next-generation sequencing applied to phage

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Citation Report

#	ARTICLE	IF	CITATIONS
1	On the interactions between virulent bacteriophages and bacteria in the gut. <i>Bacteriophage</i> , 2012, 2, e23557.	1.9	27
2	Intestinal Commensal Microbes as Immune Modulators. <i>Cell Host and Microbe</i> , 2012, 12, 496-508.	5.1	353
3	Tools from viruses: Bacteriophage successes and beyond. <i>Virology</i> , 2012, 434, 151-161.	1.1	61
4	Bacteriophageâ€‘host interaction: from splendid isolation into a messy reality. <i>Current Opinion in Microbiology</i> , 2013, 16, 500-506.	2.3	44
5	Next-generation sequencing technologies in diagnostic virology. <i>Journal of Clinical Virology</i> , 2013, 58, 346-350.	1.6	117
6	A simple and rapid method to isolate purer M13 phage by isoelectric precipitation. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 8023-8029.	1.7	15
7	Tiling Arrays. <i>Methods in Molecular Biology</i> , 2013, , .	0.4	2
8	Respirable Bacteriophages for the Treatment of Bacterial Lung Infections. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2013, 26, 317-335.	0.7	44
9	Rapid evolution of the human gut virome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 12450-12455.	3.3	489
10	Safety analysis of a Russian phage cocktail: From MetaGenomic analysis to oral application in healthy human subjects. <i>Virology</i> , 2013, 443, 187-196.	1.1	211
11	Helminth therapy and multiple sclerosis. <i>International Journal for Parasitology</i> , 2013, 43, 259-274.	1.3	86
12	Resident commensals shaping immunity. <i>Current Opinion in Immunology</i> , 2013, 25, 450-455.	2.4	59
13	Contribution of phageâ€‘derived genomic islands to the virulence of facultative bacterial pathogens. <i>Environmental Microbiology</i> , 2013, 15, 307-312.	1.8	79
14	A cornucopia of human polyomaviruses. <i>Nature Reviews Microbiology</i> , 2013, 11, 264-276.	13.6	290
15	Counterpoise between the microbiome, host immune activation and pathology. <i>Current Opinion in Immunology</i> , 2013, 25, 456-462.	2.4	15
16	Emerging Tools for Synthetic Genome Design. <i>Molecules and Cells</i> , 2013, 35, 359-370.	1.0	17
17	Phage-Mediated Selection on Microbiota of a Long-Lived Host. <i>Current Biology</i> , 2013, 23, 1256-1260.	1.8	89
18	Orthologous Gene Clusters and Taxon Signature Genes for Viruses of Prokaryotes. <i>Journal of Bacteriology</i> , 2013, 195, 941-950.	1.0	104

#	ARTICLE	IF	CITATIONS
19	Developments and insights into the analysis of the human microbiome. <i>Laboratoriums Medizin</i> , 2013, 37, .	0.1	1
21	Fame and future of faecal transplantations – developing next-generation therapies with synthetic microbiomes. <i>Microbial Biotechnology</i> , 2013, 6, 316-325.	2.0	57
22	Challenges in drug target discovery in bipolar disorder. <i>Expert Opinion on Therapeutic Targets</i> , 2013, 17, 565-577.	1.5	6
23	Genome signature-based dissection of human gut metagenomes to extract subliminal viral sequences. <i>Nature Communications</i> , 2013, 4, 2420.	5.8	76
24	Metagenomics of rumen bacteriophage from thirteen lactating dairy cattle. <i>BMC Microbiology</i> , 2013, 13, 242.	1.3	51
25	Archaea and Fungi of the Human Gut Microbiome: Correlations with Diet and Bacterial Residents. <i>PLoS ONE</i> , 2013, 8, e66019.	1.1	641
26	Elevated Levels of Circulating DNA in Cardiovascular Disease Patients: Metagenomic Profiling of Microbiome in the Circulation. <i>PLoS ONE</i> , 2014, 9, e105221.	1.1	172
27	Species-Specific Viromes in the Ancestral Holobiont Hydra. <i>PLoS ONE</i> , 2014, 9, e109952.	1.1	53
28	Supra-organismal interactions in the human intestine. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 47.	1.8	14
29	Pediatric Crohn's disease: epidemiology and emerging treatment options. <i>Pediatric Health, Medicine and Therapeutics</i> , 2014, , 59.	0.7	2
30	Antibacterial Therapeutic Agents. , 2014, , .		2
31	Challenges of studying viral aerosol metagenomics and communities in comparison with bacterial and fungal aerosols. <i>FEMS Microbiology Letters</i> , 2014, 357, 1-9.	0.7	51
32	Exploiting gut bacteriophages for human health. <i>Trends in Microbiology</i> , 2014, 22, 399-405.	3.5	146
33	Role of the enteric microbiota in intestinal homeostasis and inflammation. <i>Free Radical Biology and Medicine</i> , 2014, 68, 122-133.	1.3	147
34	The Virome in Mammalian Physiology and Disease. <i>Cell</i> , 2014, 157, 142-150.	13.5	481
35	Minor Fitness Costs in an Experimental Model of Horizontal Gene Transfer in Bacteria. <i>Molecular Biology and Evolution</i> , 2014, 31, 1220-1227.	3.5	45
36	Meta'omic Analytic Techniques for Studying the Intestinal Microbiome. <i>Gastroenterology</i> , 2014, 146, 1437-1448.e1.	0.6	137
37	Kingdom-Agnostic Metagenomics and the Importance of Complete Characterization of Enteric Microbial Communities. <i>Gastroenterology</i> , 2014, 146, 1459-1469.	0.6	158

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38	Research on Neonatal Microbiomes: What Neonatologists Need to Know. <i>Neonatology</i> , 2014, 105, 14-24.	0.9	12
39	Bacteriophage-based synthetic biology for the study of infectious diseases. <i>Current Opinion in Microbiology</i> , 2014, 19, 59-69.	2.3	56
40	The role of diet on intestinal microbiota metabolism: downstream impacts on host immune function and health, and therapeutic implications. <i>Journal of Gastroenterology</i> , 2014, 49, 785-798.	2.3	180
41	An integrated catalog of reference genes in the human gut microbiome. <i>Nature Biotechnology</i> , 2014, 32, 834-841.	9.4	1,664
42	Phage therapy—constraints and possibilities. <i>Uppsala Journal of Medical Sciences</i> , 2014, 119, 192-198.	0.4	153
43	Metatranscriptome analysis of fungal strains <i>Penicillium camemberti</i> and <i>Geotrichum candidum</i> reveal cheese matrix breakdown and potential development of sensory properties of ripened Camembert-type cheese. <i>BMC Genomics</i> , 2014, 15, 235.	1.2	85
44	Geographical diversity of <i>Streptococcus thermophilus</i> phages in Chinese yoghurt plants. <i>International Dairy Journal</i> , 2014, 35, 32-37.	1.5	7
45	Bacteriophages: an underestimated role in human and animal health?. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014, 4, 39.	1.8	142
46	Four <i>Escherichia coli</i> O157:H7 Phages: A New Bacteriophage Genus and Taxonomic Classification of T1-Like Phages. <i>PLoS ONE</i> , 2014, 9, e100426.	1.1	55
49	Modular approach to customise sample preparation procedures for viral metagenomics: a reproducible protocol for virome analysis. <i>Scientific Reports</i> , 2015, 5, 16532.	1.6	277
50	Methods of Targeting Animal Sources of Fecal Pollution in Water. , 2015, , 3.4.4-1-3.4.4-28.		2
51	Metagenomic Analysis of Crohn's Disease Patients Identifies Changes in the Virome and Microbiome Related to Disease Status and Therapy, and Detects Potential Interactions and Biomarkers. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 2515-2532.	0.9	79
52	Oral Application of T4 Phage Induces Weak Antibody Production in the Gut and in the Blood. <i>Viruses</i> , 2015, 7, 4783-4799.	1.5	122
53	Commensal <i>E. coli</i> Stx2 lysogens produce high levels of phages after spontaneous prophage induction. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 5.	1.8	40
54	The human gut virome: a multifaceted majority. <i>Frontiers in Microbiology</i> , 2015, 6, 918.	1.5	171
55	Direct sequencing of human gut virome fractions obtained by flow cytometry. <i>Frontiers in Microbiology</i> , 2015, 6, 955.	1.5	18
56	Viral dark matter and virus—host interactions resolved from publicly available microbial genomes. <i>ELife</i> , 2015, 4, .	2.8	400
57	Phage-mediated Dispersal of Biofilm and Distribution of Bacterial Virulence Genes Is Induced by Quorum Sensing. <i>PLoS Pathogens</i> , 2015, 11, e1004653.	2.1	77

#	ARTICLE	IF	CITATIONS
58	A census of Î±-helical membrane proteins in double-stranded DNA viruses infecting bacteria and archaea. <i>BMC Bioinformatics</i> , 2015, 16, 380.	1.2	3
59	A century of phage research: Bacteriophages and the shaping of modern biology. <i>BioEssays</i> , 2015, 37, 6-9.	1.2	180
60	Ancient human microbiomes. <i>Journal of Human Evolution</i> , 2015, 79, 125-136.	1.3	123
61	Viral Metagenomics Reveal Blooms of Anelloviruses in the Respiratory Tract of Lung Transplant Recipients. <i>American Journal of Transplantation</i> , 2015, 15, 200-209.	2.6	174
62	Disease-Specific Alterations in the Enteric Virome in Inflammatory Bowel Disease. <i>Cell</i> , 2015, 160, 447-460.	13.5	1,036
63	Lytic activity by temperate phages of <i>Pseudomonas aeruginosa</i> in long-term cystic fibrosis chronic lung infections. <i>ISME Journal</i> , 2015, 9, 1391-1398.	4.4	70
64	VirSorter: mining viral signal from microbial genomic data. <i>PeerJ</i> , 2015, 3, e985.	0.9	949
65	Ageing and the human gut microbiota— from correlation to causality. <i>Frontiers in Microbiology</i> , 2014, 5, 764.	1.5	122
66	Total Concentrations of Virus and Bacteria in Indoor and Outdoor Air. <i>Environmental Science and Technology Letters</i> , 2015, 2, 84-88.	3.9	125
67	Microbial ecology in Hydra: Why viruses matter. <i>Journal of Microbiology</i> , 2015, 53, 193-200.	1.3	20
68	Evaluation of methods to purify virus-like particles for metagenomic sequencing of intestinal viromes. <i>BMC Genomics</i> , 2015, 16, 7.	1.2	183
69	Average genome size estimation improves comparative metagenomics and sheds light on the functional ecology of the human microbiome. <i>Genome Biology</i> , 2015, 16, 51.	3.8	241
70	An overview of malaria transmission from the perspective of Amazon Anopheles vectors. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 23-47.	0.8	65
71	The human gut resistome. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140087.	1.8	275
72	The animal gut as a melting pot for horizontal gene transfer. <i>Canadian Journal of Microbiology</i> , 2015, 61, 603-605.	0.8	56
73	Global transcription of CRISPR loci in the human oral cavity. <i>BMC Genomics</i> , 2015, 16, 401.	1.2	14
74	The microbiome modulates arbovirus transmission in mosquitoes. <i>Current Opinion in Virology</i> , 2015, 15, 97-102.	2.6	193
75	The human gut microbiota and virome: Potential therapeutic implications. <i>Digestive and Liver Disease</i> , 2015, 47, 1007-1012.	0.4	226

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76	NCBI Viral Genomes Resource. Nucleic Acids Research, 2015, 43, D571-D577.	6.5	541
77	Freshwater Metaviromics and Bacteriophages: A Current Assessment of the State of the Art in Relation to Bioinformatic Challenges. Evolutionary Bioinformatics, 2016, 12s1, EBO.S38549.	0.6	20
78	The Human Virome. , 2016, , 561-566.		0
79	Gut Microbiota in Multiple Sclerosis. , 2016, , 113-125.		4
80	What Lies Ahead?. , 2016, , 313-337.		0
81	GenSeed-HMM: A Tool for Progressive Assembly Using Profile HMMs as Seeds and its Application in Alpvirinae Viral Discovery from Metagenomic Data. Frontiers in Microbiology, 2016, 7, 269.	1.5	30
82	Bacteriophage Procurement for Therapeutic Purposes. Frontiers in Microbiology, 2016, 7, 1177.	1.5	125
83	A Role for the Intestinal Microbiota and Virome in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS)?. Journal of Clinical Medicine, 2016, 5, 55.	1.0	46
84	Harnessing the Power of Defensive Microbes: Evolutionary Implications in Nature and Disease Control. PLoS Pathogens, 2016, 12, e1005465.	2.1	79
85	Pharmacometabolomics Informs Viromics toward Precision Medicine. Frontiers in Pharmacology, 2016, 7, 411.	1.6	14
87	Phage-bacteria interaction network in human oral microbiome. Environmental Microbiology, 2016, 18, 2143-2158.	1.8	87
88	Long-term microbiota and virome in a Zr-rich patient after fecal transplantation against <i>Clostridium difficile</i> infection. Annals of the New York Academy of Sciences, 2016, 1372, 29-41.	1.8	38
89	Beyond the gut bacterial microbiota: The gut virome. Journal of Medical Virology, 2016, 88, 1467-1472.	2.5	71
90	The human gut microbiota and its interactive connections to diet. Journal of Human Nutrition and Dietetics, 2016, 29, 539-546.	1.3	62
91	Spatial disturbances in altered mucosal and luminal gut viromes of diet-induced obese mice. Environmental Microbiology, 2016, 18, 1498-1510.	1.8	73
92	Role of Gut Microbiome in the Modulation of Environmental Toxicants and Therapeutic Agents. , 2016, , 491-518.		2
93	Gut Virome and Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2016, 22, 1708-1712.	0.9	39
94	Identification of Diverse Mycoviruses through Metatranscriptomics Characterization of the Viromes of Five Major Fungal Plant Pathogens. Journal of Virology, 2016, 90, 6846-6863.	1.5	252

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96	Evolution and Ecology of CRISPR. Annual Review of Ecology, Evolution, and Systematics, 2016, 47, 307-331.	3.8	79
98	Emerging Technologies for Gut Microbiome Research. Trends in Microbiology, 2016, 24, 887-901.	3.5	148
99	Identification of further diversity among posaviruses. Archives of Virology, 2016, 161, 3541-3548.	0.9	12
100	The Origin of Mucosal Immunity: Lessons from the Holobiont <i>Hydra</i> . MBio, 2016, 7, .	1.8	53
101	Phage Probiotics. SpringerBriefs in Biochemistry and Molecular Biology, 2016, , 39-58.	0.3	0
102	No turning back for motorized molecules. Nature, 2016, 534, 187-188.	13.7	6
103	Microbial signals to the brain control weight. Nature, 2016, 534, 185-187.	13.7	21
104	Transfer of Viral Communities between Human Individuals during Fecal Microbiota Transplantation. MBio, 2016, 7, e00322.	1.8	90
105	Mutualistic viruses and the heteronomy of life. Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences, 2016, 59, 80-88.	0.8	30
106	Intestinal Microbiota: First Barrier Against Gut-Affecting Pathogens. , 2016, , 281-314.		6
107	The role of temperate bacteriophages in bacterial infection. FEMS Microbiology Letters, 2016, 363, fnw015.	0.7	144
108	Assessment of a metaviromic dataset generated from nearshore Lake Michigan. Marine and Freshwater Research, 2016, 67, 1700.	0.7	41
109	Divergent responses of viral and bacterial communities in the gut microbiome to dietary disturbances in mice. ISME Journal, 2016, 10, 1217-1227.	4.4	85
110	Repertoire of human gut microbes. Microbial Pathogenesis, 2017, 106, 103-112.	1.3	70
111	Studying Vertical Microbiome Transmission from Mothers to Infants by Strain-Level Metagenomic Profiling. MSystems, 2017, 2, .	1.7	329
112	Viruses comprise an extensive pool of mobile genetic elements in eukaryote cell cultures and human clinical samples. FASEB Journal, 2017, 31, 1987-2000.	0.2	69
113	Genomic characterization of bacteriophage vB_PcaP_PP2 infecting <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> , a new member of a proposed genus in the subfamily Autographivirinae. Archives of Virology, 2017, 162, 2441-2444.	0.9	28
114	Viral metagenomics analysis of feces from coronary heart disease patients reveals the genetic diversity of the Microviridae. Virologica Sinica, 2017, 32, 130-138.	1.2	19

#	ARTICLE	IF	CITATIONS
115	Phage Therapy in Bacterial Infections Treatment: One Hundred Years After the Discovery of Bacteriophages. <i>Current Microbiology</i> , 2017, 74, 277-283.	1.0	220
116	Taxonomic variability and functional stability in microbial communities infected by phages. <i>Environmental Microbiology</i> , 2017, 19, 3863-3878.	1.8	31
117	Microbiome effects on immunity, health and disease in the lung. <i>Clinical and Translational Immunology</i> , 2017, 6, e133.	1.7	225
118	Lysogeny in nature: mechanisms, impact and ecology of temperate phages. <i>ISME Journal</i> , 2017, 11, 1511-1520.	4.4	510
119	PCR-activated cell sorting as a general, cultivation-free method for high-throughput identification and enrichment of virus hosts. <i>Journal of Virological Methods</i> , 2017, 242, 14-21.	1.0	15
120	The gut virome: a neglected actor in colon cancer pathogenesis. <i>Future Microbiology</i> , 2017, 12, 1345-1348.	1.0	11
121	Bacteriophages in the human gut: Our fellow travelers throughout life and potential biomarkers of health or disease. <i>Virus Research</i> , 2017, 240, 47-55.	1.1	19
122	Quantitative CrAssphage PCR Assays for Human Fecal Pollution Measurement. <i>Environmental Science & Technology</i> , 2017, 51, 9146-9154.	4.6	236
123	Enhanced biofilm penetration for microbial control by polyvalent phages conjugated with magnetic colloidal nanoparticle clusters (CNCs). <i>Environmental Science: Nano</i> , 2017, 4, 1817-1826.	2.2	43
124	Known unknowns: how might the persistent herpesvirome shape immunity and aging?. <i>Current Opinion in Immunology</i> , 2017, 48, 23-30.	2.4	39
125	The First Microbial Colonizers of the Human Gut: Composition, Activities, and Health Implications of the Infant Gut Microbiota. <i>Microbiology and Molecular Biology Reviews</i> , 2017, 81, .	2.9	1,118
126	Life history and eco-evolutionary dynamics in light of the gut microbiota. <i>Oikos</i> , 2017, 126, 508-531.	1.2	139
127	Human Virome. <i>Archives of Medical Research</i> , 2017, 48, 701-716.	1.5	58
128	Bacteriophages in the gastrointestinal tract and their implications. <i>Gut Pathogens</i> , 2017, 9, 44.	1.6	114
129	Phage therapy: awakening a sleeping giant. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 93-103.	1.1	90
130	Metagenomic Approaches to Assess Bacteriophages in Various Environmental Niches. <i>Viruses</i> , 2017, 9, 127.	1.5	98
131	The Human Gut Phage Community and Its Implications for Health and Disease. <i>Viruses</i> , 2017, 9, 141.	1.5	206
132	Phage-Phagocyte Interactions and Their Implications for Phage Application as Therapeutics. <i>Viruses</i> , 2017, 9, 150.	1.5	62

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133	Distribution and Inferred Evolutionary Characteristics of a Chimeric ssDNA Virus Associated with Intertidal Marine Isopods. <i>Viruses</i> , 2017, 9, 361.	1.5	9
134	Prospects of Phage Application in the Treatment of Acne Caused by <i>Propionibacterium acnes</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 164.	1.5	30
135	Metagenomic Sequencing for Surveillance of Food- and Waterborne Viral Diseases. <i>Frontiers in Microbiology</i> , 2017, 8, 230.	1.5	57
136	Current Advances on Virus Discovery and Diagnostic Role of Viral Metagenomics in Aquatic Organisms. <i>Frontiers in Microbiology</i> , 2017, 8, 406.	1.5	30
137	Microbial Ecology along the Gastrointestinal Tract. <i>Microbes and Environments</i> , 2017, 32, 300-313.	0.7	372
138	Viral communities of the human gut: metagenomic analysis of composition and dynamics. <i>Mobile DNA</i> , 2017, 8, 12.	1.3	119
139	The Inuit gut microbiome is dynamic over time and shaped by traditional foods. <i>Microbiome</i> , 2017, 5, 151.	4.9	53
140	Isolation and Characterization of a <i>Shewanella</i> Phage-Host System from the Gut of the Tunicate, <i>Ciona intestinalis</i> . <i>Viruses</i> , 2017, 9, 60.	1.5	18
141	Differentiation and Structure in <i>Sulfolobus islandicus</i> Rod-Shaped Virus Populations. <i>Viruses</i> , 2017, 9, 120.	1.5	26
142	The human gut virome: form and function. <i>Emerging Topics in Life Sciences</i> , 2017, 1, 351-362.	1.1	5
143	Does the microbiome and virome contribute to myalgic encephalomyelitis/chronic fatigue syndrome?. <i>Clinical Science</i> , 2018, 132, 523-542.	1.8	38
144	Viral Metagenomics Approaches for High-Resolution Screening of Multiplexed Arthropod and Plant Viral Communities. <i>Methods in Molecular Biology</i> , 2018, 1746, 77-95.	0.4	25
145	The Microbiome in Neurodegenerative Disease. <i>Current Geriatrics Reports</i> , 2018, 7, 81-91.	1.1	7
146	Dynamic biofilm architecture confers individual and collective mechanisms of viral protection. <i>Nature Microbiology</i> , 2018, 3, 26-31.	5.9	231
147	The gut virome of the protochordate model organism, <i>Ciona intestinalis</i> subtype A. <i>Virus Research</i> , 2018, 244, 137-146.	1.1	17
148	Metagenomics of Antimicrobial Resistance in Gut Microbiome. , 2018, , .		0
149	A Wake-Up Call: We Need Phage Therapy Now. <i>Viruses</i> , 2018, 10, 688.	1.5	104
150	Virome definition in cerebrospinal fluid of patients with neurological complications after hematopoietic stem cell transplantation. <i>Journal of Clinical Virology</i> , 2018, 108, 112-120.	1.6	10

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151	Diversity-Function Relationships in Natural, Applied, and Engineered Microbial Ecosystems. <i>Advances in Applied Microbiology</i> , 2018, 105, 131-189.	1.3	13
152	Phages & antibiotic resistance: are the most abundant entities on earth ready for a comeback?. <i>Future Microbiology</i> , 2018, 13, 711-726.	1.0	29
153	Is phage therapy suitable for treating chronic sinusitis <i>Staphylococcus aureus</i> infection?. <i>Future Microbiology</i> , 2018, 13, 605-608.	1.0	4
154	Reducing inherent biases introduced during DNA viral metagenome analyses of municipal wastewater. <i>PLoS ONE</i> , 2018, 13, e0195350.	1.1	23
155	Evaluation of bias induced by viral enrichment and random amplification protocols in metagenomic surveys of saliva DNA viruses. <i>Microbiome</i> , 2018, 6, 119.	4.9	81
156	Drawing on disorder: How viruses use histone mimicry to their advantage. <i>Journal of Experimental Medicine</i> , 2018, 215, 1777-1787.	4.2	37
157	Hordes of Phages in the Gut of the Tilapia <i>Sarotherodon melanotheron</i> . <i>Scientific Reports</i> , 2018, 8, 11311.	1.6	8
158	Unprecedented Diversity of ssDNA Phages from the Family Microviridae Detected within the Gut of a Protochordate Model Organism (<i>Ciona robusta</i>). <i>Viruses</i> , 2018, 10, 404.	1.5	53
159	Parkinson's disease and bacteriophages as its overlooked contributors. <i>Scientific Reports</i> , 2018, 8, 10812.	1.6	93
160	Generation and comparative genomics of synthetic dengue viruses. <i>BMC Bioinformatics</i> , 2018, 19, 140.	1.2	1
161	Responses of intestinal virome to silver nanoparticles: safety assessment by classical virology, whole-genome sequencing and bioinformatics approaches. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 2857-2867.	3.3	17
162	Gut microbes as future therapeutics in treating inflammatory and infectious diseases: Lessons from recent findings. <i>Journal of Nutritional Biochemistry</i> , 2018, 61, 111-128.	1.9	66
163	Brief Report: Low Rates of Herpesvirus Detection in Blood of Individuals with Autism Spectrum Disorder and Controls. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 410-414.	1.7	3
164	Global phylogeography and ancient evolution of the widespread human gut virus crAssphage. <i>Nature Microbiology</i> , 2019, 4, 1727-1736.	5.9	184
165	A Protocol for Extraction of Infective Viromes Suitable for Metagenomics Sequencing from Low Volume Fecal Samples. <i>Viruses</i> , 2019, 11, 667.	1.5	32
166	Genomics and metagenomics of colorectal cancer. <i>Journal of Gastrointestinal Oncology</i> , 2019, 10, 1164-1170.	0.6	28
167	What is (not) known about the dynamics of the human gut virome in health and disease. <i>Current Opinion in Virology</i> , 2019, 37, 52-57.	2.6	47
168	Studying the gut virome in the metagenomic era: challenges and perspectives. <i>BMC Biology</i> , 2019, 17, 84.	1.7	113

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169	Pharmacologically Aware Phage Therapy: Pharmacodynamic and Pharmacokinetic Obstacles to Phage Antibacterial Action in Animal and Human Bodies. <i>Microbiology and Molecular Biology Reviews</i> , 2019, 83, .	2.9	116
170	Long-read metagenomic exploration of extrachromosomal mobile genetic elements in the human gut. <i>Microbiome</i> , 2019, 7, 119.	4.9	65
171	The altered gut virome community in rhesus monkeys is correlated with the gut bacterial microbiome and associated metabolites. <i>Virology Journal</i> , 2019, 16, 105.	1.4	9
172	Improved single-swab sample preparation for recovering bacterial and phage DNA from human skin and wound microbiomes. <i>BMC Microbiology</i> , 2019, 19, 214.	1.3	14
173	Bacteriophages as Alternatives to Antibiotics in Clinical Care. <i>Antibiotics</i> , 2019, 8, 138.	1.5	122
174	Removal characteristics of a composite active medium for remediation of nitrogen-contaminated groundwater and metagenomic analysis of degrading bacteria. <i>Environmental Pollution</i> , 2019, 254, 113053.	3.7	11
175	Detecting viral sequences in NGS data. <i>Current Opinion in Virology</i> , 2019, 39, 41-48.	2.6	52
176	Gut virome of mammals and birds reveals high genetic diversity of the family Microviridae. <i>Virus Evolution</i> , 2019, 5, vez013.	2.2	37
177	Changes of T Cell Receptor (TCR) $\hat{\pm}\hat{I}^2$ Repertoire in the Face of Aging and Persistent Infections. , 2019, , 425-448.		0
178	Taxonomic assignment of uncultivated prokaryotic virus genomes is enabled by gene-sharing networks. <i>Nature Biotechnology</i> , 2019, 37, 632-639.	9.4	569
179	Phage therapy: What factors shape phage pharmacokinetics and bioavailability? Systematic and critical review. <i>Medicinal Research Reviews</i> , 2019, 39, 2000-2025.	5.0	187
180	MetaCHIP: community-level horizontal gene transfer identification through the combination of best-match and phylogenetic approaches. <i>Microbiome</i> , 2019, 7, 36.	4.9	69
181	The gut virome: the "missing link"™ between gut bacteria and host immunity?. <i>Therapeutic Advances in Gastroenterology</i> , 2019, 12, 175628481983662.	1.4	127
182	Future Perspectives: Microbiome, Cancer and Therapeutic Promise. <i>Current Cancer Research</i> , 2019, , 363-389.	0.2	5
183	The Battle Within: Interactions of Bacteriophages and Bacteria in the Gastrointestinal Tract. <i>Cell Host and Microbe</i> , 2019, 25, 210-218.	5.1	101
184	Virome Diversity Correlates with Intestinal Microbiome Diversity in Adult Monozygotic Twins. <i>Cell Host and Microbe</i> , 2019, 25, 261-272.e5.	5.1	159
185	Remasking of <i>Candida albicans</i> \hat{I}^2 -Glucan in Response to Environmental pH Is Regulated by Quorum Sensing. <i>MBio</i> , 2019, 10, .	1.8	37
186	The Role of Gut-Derived Microbial Antigens on Liver Fibrosis Initiation and Progression. <i>Cells</i> , 2019, 8, 1324.	1.8	39

#	ARTICLE	IF	CITATIONS
187	Metagenomic Analysis of Virioplankton from the Pelagic Zone of Lake Baikal. <i>Viruses</i> , 2019, 11, 991.	1.5	31
188	Transposable temperate phages promote the evolution of divergent social strategies in <i>Pseudomonas aeruginosa</i> populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191794.	1.2	13
189	Transplanting Fecal Virus-Like Particles Reduces High-Fat Diet-Induced Small Intestinal Bacterial Overgrowth in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 348.	1.8	40
190	Induction of Phage-Specific Antibodies by Two Therapeutic Staphylococcal Bacteriophages Administered per os. <i>Frontiers in Immunology</i> , 2019, 10, 2607.	2.2	48
191	Prophages in <i>Lactobacillus reuteri</i> Are Associated with Fitness Trade-Offs but Can Increase Competitiveness in the Gut Ecosystem. <i>Applied and Environmental Microbiology</i> , 2019, 86, .	1.4	44
192	Interactions between Bacteriophage, Bacteria, and the Mammalian Immune System. <i>Viruses</i> , 2019, 11, 10.	1.5	236
193	Dietary Fructose and Microbiota-Derived Short-Chain Fatty Acids Promote Bacteriophage Production in the Gut Symbiont <i>Lactobacillus reuteri</i> . <i>Cell Host and Microbe</i> , 2019, 25, 273-284.e6.	5.1	126
194	Bacteriocins and Bacteriophages: Therapeutic Weapons for Gastrointestinal Diseases?. <i>International Journal of Molecular Sciences</i> , 2019, 20, 183.	1.8	70
195	Obesity, diabetes, and the gut microbiome: an updated review. <i>Expert Review of Gastroenterology and Hepatology</i> , 2019, 13, 3-15.	1.4	139
196	A century of bacteriophage research and applications: impacts on biotechnology, health, ecology and the economy!. <i>Journal of Chemical Technology and Biotechnology</i> , 2019, 94, 323-342.	1.6	27
197	Pathogens, faecal indicators and human-specific microbial source-tracking markers in sewage. <i>Journal of Applied Microbiology</i> , 2019, 126, 701-717.	1.4	57
198	Gut microbiota as a source of novel antimicrobials. <i>Gut Microbes</i> , 2019, 10, 1-21.	4.3	179
199	Multiple therapeutic targets in rare cholestatic liver diseases: Time to redefine treatment strategies. <i>Annals of Hepatology</i> , 2020, 19, 5-16.	0.6	13
200	The spinal cord-gut-immune axis as a master regulator of health and neurological function after spinal cord injury. <i>Experimental Neurology</i> , 2020, 323, 113085.	2.0	46
201	Gut microbiota and immunology of the gastrointestinal tract. , 2020, , 63-78.		3
202	Gut Microbiota Dysbiosisâ€“Immune Hyperresponseâ€“Inflammation Triad in Coronavirus Disease 2019 (COVID-19): Impact of Pharmacological and Nutraceutical Approaches. <i>Microorganisms</i> , 2020, 8, 1514.	1.6	52
203	Seeker: alignment-free identification of bacteriophage genomes by deep learning. <i>Nucleic Acids Research</i> , 2020, 48, e121-e121.	6.5	78
204	Gut Microbiota and Liver Interaction through Immune System Cross-Talk: A Comprehensive Review at the Time of the SARS-CoV-2 Pandemic. <i>Journal of Clinical Medicine</i> , 2020, 9, 2488.	1.0	28

#	ARTICLE	IF	CITATIONS
205	Identification and analysis of new mycoviruses from melon powdery mildew. <i>Journal of Plant Pathology</i> , 2020, 102, 1191-1196.	0.6	2
206	Profile of the Spatial Distribution Patterns of the Human and Bacteriophage Virome in a Wastewater Treatment Plant Located in the South of Spain. <i>Water (Switzerland)</i> , 2020, 12, 2316.	1.2	2
207	Paving the Way to Unveil the Diversity and Evolution of Phage Genomes. <i>Viruses</i> , 2020, 12, 905.	1.5	1
208	The Promise of viral phage therapy in hernia mesh infection, is this the biological "silver bullet"™ of the future?. <i>ANZ Journal of Surgery</i> , 2020, 90, 2161-2164.	0.3	1
209	COVID-19, an opportunity to reevaluate the correlation between long-term effects of anthropogenic pollutants on viral epidemic/pandemic events and prevalence. <i>Food and Chemical Toxicology</i> , 2020, 141, 111418.	1.8	103
210	Dynamics of the Stool Virome in Very Early-Onset Inflammatory Bowel Disease. <i>Journal of Crohn's and Colitis</i> , 2020, 14, 1600-1610.	0.6	54
211	Using molecular microbial ecology to define differential responses to the inoculation of barley silage. <i>Canadian Journal of Animal Science</i> , 2020, 100, 703-715.	0.7	3
212	Dynamic characteristics of immobilized microorganisms for remediation of nitrogen-contaminated groundwater and high-throughput sequencing analysis of the microbial community. <i>Environmental Pollution</i> , 2020, 267, 114875.	3.7	12
213	A high-resolution map of bacteriophage λ X174 transcription. <i>Virology</i> , 2020, 547, 47-56.	1.1	17
214	Natural and Induced Antibodies Against Phages in Humans: Induction Kinetics and Immunogenicity for Structural Proteins of PB1-Related Phages. <i>Phage</i> , 2020, 1, 91-99.	0.8	12
215	Microbiome and Cardiovascular Disease. <i>Handbook of Experimental Pharmacology</i> , 2020, , 1.	0.9	8
216	Metagenome Data on Intestinal Phage-Bacteria Associations Aids the Development of Phage Therapy against Pathobionts. <i>Cell Host and Microbe</i> , 2020, 28, 380-389.e9.	5.1	51
217	Efficacy of phage cocktail AB-SA01 therapy in diabetic mouse wound infections caused by multidrug-resistant <i>Staphylococcus aureus</i> . <i>BMC Microbiology</i> , 2020, 20, 204.	1.3	41
218	Enteric Virome and Carcinogenesis in the Gut. <i>Digestive Diseases and Sciences</i> , 2020, 65, 852-864.	1.1	35
219	Diet, Gut Microbiota and Non-Alcoholic Fatty Liver Disease: Three Parts of the Same Axis. <i>Cells</i> , 2020, 9, 176.	1.8	63
220	Biogeographic study of human gut-associated crAssphage suggests impacts from industrialization and recent expansion. <i>PLoS ONE</i> , 2020, 15, e0226930.	1.1	38
221	Impact of Frequent Administration of Bacteriophage on Therapeutic Efficacy in an <i>A. baumannii</i> Mouse Wound Infection Model. <i>Frontiers in Microbiology</i> , 2020, 11, 414.	1.5	24
222	The stepwise assembly of the neonatal virome is modulated by breastfeeding. <i>Nature</i> , 2020, 581, 470-474.	13.7	185

#	ARTICLE	IF	CITATIONS
223	Diversity and potential biogeochemical impacts of viruses in bulk and rhizosphere soils. <i>Environmental Microbiology</i> , 2021, 23, 588-599.	1.8	62
224	Nutritional Regulation of the Microbiota - Can One Meal Change a Trillion Lives?. , 2021, , 532-541.		0
225	Challenges of Studying the Human Virome – Relevant Emerging Technologies. <i>Trends in Microbiology</i> , 2021, 29, 171-181.	3.5	45
226	Phages and their potential to modulate the microbiome and immunity. <i>Cellular and Molecular Immunology</i> , 2021, 18, 889-904.	4.8	83
227	Detection of Bacteriophages: Sequence-Based Systems. , 2021, , 621-644.		3
228	Bacteriophage Use in Molecular Biology and Biotechnology. , 2021, , 465-506.		3
229	Fecal Microbiota Transplant from Human to Mice Gives Insights into the Role of the Gut Microbiota in Non-Alcoholic Fatty Liver Disease (NAFLD). <i>Microorganisms</i> , 2021, 9, 199.	1.6	33
230	Updating changes in human gut microbial communities associated with <i>Clostridioides difficile</i> infection. <i>Gut Microbes</i> , 2021, 13, 1966277.	4.3	5
231	Characterization of the gut DNA and RNA Viromes in a Cohort of Chinese Residents and Visiting Pakistanis. <i>Virus Evolution</i> , 2021, 7, veab022.	2.2	21
232	Potential for bacteriophage therapy for <i>Staphylococcus aureus</i> pneumonia with influenza A coinfection. <i>Future Microbiology</i> , 2021, 16, 175-184.	1.0	4
233	Fecal Virome Transplantation. , 0, , .		2
234	Interaction dynamics and virus-host range for estuarine actinophages captured by epicPCR. <i>Nature Microbiology</i> , 2021, 6, 630-642.	5.9	29
235	Standard Bacteriophage Purification Procedures Cause Loss in Numbers and Activity. <i>Viruses</i> , 2021, 13, 328.	1.5	35
236	VirSorter2: a multi-classifier, expert-guided approach to detect diverse DNA and RNA viruses. <i>Microbiome</i> , 2021, 9, 37.	4.9	441
237	Exploring Mucin as Adjunct to Phage Therapy. <i>Microorganisms</i> , 2021, 9, 509.	1.6	12
238	Characteristic gut microbiota and metabolic changes in patients with pulmonary tuberculosis. <i>Microbial Biotechnology</i> , 2022, 15, 262-275.	2.0	25
239	High throughput sequencing provides exact genomic locations of inducible prophages and accurate phage-to-host ratios in gut microbial strains. <i>Microbiome</i> , 2021, 9, 77.	4.9	20
240	Mapping the functional landscape of the receptor binding domain of T7 bacteriophage by deep mutational scanning. <i>ELife</i> , 2021, 10, .	2.8	30

#	ARTICLE	IF	CITATIONS
241	The human virome: assembly, composition and host interactions. <i>Nature Reviews Microbiology</i> , 2021, 19, 514-527.	13.6	260
242	The dark side of the gut: Virome's host interactions in intestinal homeostasis and disease. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	29
243	Reapproaching Old Treatments: Considerations for PK/PD Studies on Phage Therapy for Bacterial Respiratory Infections. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 1443-1456.	2.3	7
244	Revisiting the rules of life for viruses of microorganisms. <i>Nature Reviews Microbiology</i> , 2021, 19, 501-513.	13.6	77
245	Phage-specific antibodies. <i>Current Opinion in Biotechnology</i> , 2021, 68, 186-192.	3.3	25
246	Does over a century of aerobic phage work provide a solid framework for the study of phages in the gut?. <i>Anaerobe</i> , 2021, 68, 102319.	1.0	5
247	Emerging Roles of Gut Virome in Pediatric Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4127.	1.8	20
248	Inter-Individual Diversity Scaling Analysis of the Human Virome With Classic Diversity-Area Relationship (DAR) Modeling. <i>Frontiers in Genetics</i> , 2021, 12, 627128.	1.1	3
249	Breastfeeding influences the neonatal virome. <i>Nature</i> , 2021, , .	13.7	1
250	Clinical Pharmacology of Bacteriophage Therapy: A Focus on Multidrug-Resistant <i>Pseudomonas aeruginosa</i> Infections. <i>Antibiotics</i> , 2021, 10, 556.	1.5	11
251	Immune Response to Therapeutic Staphylococcal Bacteriophages in Mammals: Kinetics of Induction, Immunogenic Structural Proteins, Natural and Induced Antibodies. <i>Frontiers in Immunology</i> , 2021, 12, 639570.	2.2	19
252	The Human Gut Phageome: Origins and Roles in the Human Gut Microbiome. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 643214.	1.8	43
253	Gut microorganisms and neurological disease perspectives. <i>Future Neurology</i> , 2021, 16, .	0.9	8
254	Phage therapy as a revolutionary medicine against Gram-positive bacterial infections. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2021, 10, 49.	0.8	11
256	Viruses in fermented foods: are they good or bad? Two sides of the same coin. <i>Food Microbiology</i> , 2021, 98, 103794.	2.1	18
257	Long-read metagenomics of multiple displacement amplified DNA of low-biomass human gut phageomes by SACRA preprocessing chimeric reads. <i>DNA Research</i> , 2021, 28, .	1.5	11
258	Monsavirus in monkey rectal swab and throat swab specimens in China: Proposal for Posaliviridae as a new family in Picornavirales. <i>Virus Research</i> , 2021, 303, 198501.	1.1	2
259	Isolation of Bacteriophages. , 2021, , 433-464.		3

#	ARTICLE	IF	CITATIONS
260	The clinical implications of the microbiome in the development of allergy diseases. Expert Review of Clinical Immunology, 2021, 17, 115-126.	1.3	12
262	Isolation of Bacteriophages. , 2019, , 1-32.		9
263	Role of Gut Microbiota in Combating Oxidative Stress. , 2019, , 43-82.		19
276	A theoretical model of temperate phages as mediators of gut microbiome dysbiosis. F1000Research, 2019, 8, 997.	0.8	24
277	Hyperexpansion of RNA Bacteriophage Diversity. PLoS Biology, 2016, 14, e1002409.	2.6	100
278	Fecal Transplants: What Is Being Transferred?. PLoS Biology, 2016, 14, e1002503.	2.6	128
279	MetaPhinderâ€”Identifying Bacteriophage Sequences in Metagenomic Data Sets. PLoS ONE, 2016, 11, e0163111.	1.1	59
280	The Janus-Face of Bacteriophages across Human Body Habitats. PLoS Pathogens, 2016, 12, e1005634.	2.1	21
281	Formation of therapeutic phage cocktail and endolysin to highly multi-drug resistant : and study. Iranian Journal of Basic Medical Sciences, 2018, 21, 1100-1108.	1.0	19
282	tufA gene as molecular marker for freshwater Chlorophyceae. Algae, 2016, 31, 155-165.	0.9	37
283	Comparative Viral Metagenomics of Environmental Samples from Korea. Genomics and Informatics, 2013, 11, 121.	0.4	16
284	<i>Klebsiella pneumoniae</i> subsp. <i>pneumoniae</i> â€”bacteriophage combination from the caecal effluent of a healthy woman. PeerJ, 2015, 3, e1061.	0.9	38
285	Bacteriophages in Biological Wastewater Treatment Systems: Occurrence, Characterization, and Function. Frontiers in Microbiology, 2021, 12, 730071.	1.5	16
286	Application of the Simple and Efficient Mpeak Modeling in Binding Peak Identification in ChIP-Chip Studies. Methods in Molecular Biology, 2013, 1067, 185-202.	0.4	0
287	Generation and Comparative Genomics of Synthetic Dengue Viruses. Lecture Notes in Computer Science, 2017, , 31-52.	1.0	0
288	Changes of T Cell Receptor (TCR) $\hat{\pm}$ Repertoire in the Face of Aging and Persistent Infections. , 2018, , 1-24.		12
289	Detection of Bacteriophages: Sequence-Based Systems. , 2019, , 1-25.		1
294	The role of intestinal microbiota in the colorectal carcinogenesis. , 2022, , 495-512.		0

#	ARTICLE	IF	CITATIONS
295	Bacteriophage Use in Molecular Biology and Biotechnology. , 2020, , 1-42.		0
296	The virome in hematologyâ€™Stem cell transplantation and beyond. <i>Seminars in Hematology</i> , 2020, 57, 19-25.	1.8	4
298	Virom of intestinal canal and ulcerative colitis: new facets of interaction. <i>Ekspierimental'naya I Klinicheskaya Gastroenterologiya</i> , 2020, 1, 66-71.	0.1	0
303	An Ecological Framework of the Human Virome Provides Classification of Current Knowledge and Identifies Areas of Forthcoming Discovery. <i>Yale Journal of Biology and Medicine</i> , 2016, 89, 339-351.	0.2	17
304	Alterations in the Composition of Intestinal DNA Virome in Patients With COVID-19. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 790422.	1.8	14
305	Bacteriophages and their potential for treatment of gastrointestinal diseases. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2022, 19, 135-144.	8.2	46
306	Polymer-Mediated Cryopreservation of Bacteriophages. <i>Biomacromolecules</i> , 2021, 22, 5281-5289.	2.6	8
307	Roles of Gut Bacteriophages in the Pathogenesis and Treatment of Inflammatory Bowel Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 755650.	1.8	12
308	Bacteriophages as an Alternative Method for Control of Zoonotic and Foodborne Pathogens. <i>Viruses</i> , 2021, 13, 2348.	1.5	26
310	Microbial pathogenesis in inflammatory bowel diseases. <i>Microbial Pathogenesis</i> , 2022, 163, 105383.	1.3	8
311	Endocytosis of Bacteriophages. <i>Current Opinion in Virology</i> , 2022, 52, 229-235.	2.6	14
312	Bacteriophages in sewage: abundance, roles, and applications. <i>FEMS Microbes</i> , 2022, 3, .	0.8	15
313	Diagnostic, Prognostic, and Therapeutic Roles of Gut Microbiota in COVID-19: A Comprehensive Systematic Review. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 804644.	1.8	40
314	Prophage Activation in the Intestine: Insights Into Functions and Possible Applications. <i>Frontiers in Microbiology</i> , 2021, 12, 785634.	1.5	23
315	M13 phage coated surface elicits an anti-inflammatory response in BALB/c and C57BL/6 peritoneal macrophages. <i>International Immunopharmacology</i> , 2022, 107, 108654.	1.7	5
320	Role of gut dysbiosis in chronic liver disease leading to fibrosis. , 2022, , 103-125.		0
321	Probiotics and human gut microbiota modulation. , 2022, , 199-230.		0
322	Intestinal Barrier Dysfunction in Fatty Liver Disease: Roles of Microbiota, Mucosal Immune System, and Bile Acids. <i>Seminars in Liver Disease</i> , 2022, 42, 122-137.	1.8	3

#	ARTICLE	IF	CITATIONS
323	Revolutionized virome research using systems microbiology approaches. <i>Experimental Biology and Medicine</i> , 2022, 247, 1135-1147.	1.1	4
324	Gut microbiota alteration and modulation in hepatitis B virus-related fibrosis and complications: Molecular mechanisms and therapeutic inventions. <i>World Journal of Gastroenterology</i> , 2022, 28, 3555-3572.	1.4	5
325	Phascinating Phages. <i>Microorganisms</i> , 2022, 10, 1365.	1.6	1
326	A balanced gut microbiota is essential to maintain health in captive sika deer. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 5659-5674.	1.7	4
328	Identification of bacteriophage genome sequences with representation learning. <i>Bioinformatics</i> , 2022, 38, 4264-4270.	1.8	10
329	vHULK, a New Tool for Bacteriophage Host Prediction Based on Annotated Genomic Features and Neural Networks. <i>Phage</i> , 2022, 3, 204-212.	0.8	5
330	Novel technologies to characterize and engineer the microbiome in inflammatory bowel disease. <i>Gut Microbes</i> , 2022, 14, .	4.3	4
331	The Viral Fraction Metatranscriptomes of Lake Baikal. <i>Microorganisms</i> , 2022, 10, 1937.	1.6	4
333	Highly diverse ribonucleic acid viruses in the viromes of eukaryotic host species in Yunnan province, China. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	1
334	Viral metagenomics combined with metabolomics reveals the role of gut viruses in mouse model of depression. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	4
335	What the Phage: a scalable workflow for the identification and analysis of phage sequences. <i>GigaScience</i> , 2022, 11, .	3.3	12
336	Characterization of a New Temperate <i>Escherichia coli</i> Phage vB_EcoP_ZX5 and Its Regulatory Protein. <i>Pathogens</i> , 2022, 11, 1445.	1.2	1
337	Impact of antibiotic perturbation on fecal viral communities in mice. <i>G3: Genes, Genomes, Genetics</i> , 2023, 13, .	0.8	1
339	Virome in the context of health and pathology of the human respiratory system. <i>Problemy Zdorov'ia i Ākologii</i> , 2023, 19, 7-13.	0.0	0
340	FastViromeExplorer-Novel: Recovering Draft Genomes of Novel Viruses and Phages in Metagenomic Data. <i>Journal of Computational Biology</i> , 0, , .	0.8	0
341	Metagenomic analysis reveals unexplored diversity of archaeal virome in the human gut. <i>Nature Communications</i> , 2022, 13, .	5.8	14
342	Three Innovations of Next-Generation Antibiotics: Evolvability, Specificity, and Non-Immunogenicity. <i>Antibiotics</i> , 2023, 12, 204.	1.5	10
343	Identification and spatio-temporal tracking of ubiquitous phage families in the human microbiome. , 0, 1, .		0

#	ARTICLE	IF	CITATIONS
344	Characterization of Phietavirus Henu 2 in the virome of individuals with acute gastroenteritis. <i>Virus Genes</i> , 0, , .	0.7	0
345	Viruses as biomaterials. <i>Materials Science and Engineering Reports</i> , 2023, 153, 100715.	14.8	4
346	When Plaquing Is Not Possible: Computational Methods for Detecting Induced Phages. <i>Viruses</i> , 2023, 15, 420.	1.5	2
348	Gut virome profile in healthy Saudi children. <i>Saudi Journal of Gastroenterology</i> , 2023, 29, 171-176.	0.5	1
349	Sample and library preparation approaches for the analysis of the virome of irrigation water. <i>Journal of the Science of Food and Agriculture</i> , 2023, 103, 4450-4457.	1.7	2
350	The Gut Microbiome of an Indigenous Agropastoralist Population in a Remote Area of Colombia with High Rates of Gastrointestinal Infections and Dysbiosis. <i>Microorganisms</i> , 2023, 11, 625.	1.6	1
352	Development and treatment of colorectal cancer: Insights from multi-kingdom microbiota. <i>Aging and Cancer</i> , 2023, 4, 21-40.	0.5	0
354	Assembly and Annotation of Viral Metagenomes from Short-Read Sequencing Data. <i>Methods in Molecular Biology</i> , 2023, , 317-337.	0.4	0
374	Microbiomes of bats. , 2024, , 217-232.		0