Sang-Ryeol Ryu

List of Publications by Year
in descending order

214 papers	7,452 citations	43973 48 h-index	91712 69 g-index
218 all docs	218 docs citations	218 times ranked	7657 citing authors

#	Article	IF	Citations
1	Bacteriophage and endolysin engineering for biocontrol of food pathogens/pathogens in the food: recent advances and future trends. Critical Reviews in Food Science and Nutrition, 2023, 63, 8919-8938.	5.4	13
2	Salmonella enterica serovar Typhimurium uses anaerobic respiration to overcome propionate-mediated colonization resistance. Cell Reports, 2022, 38, 110180.	2.9	32
3	Hyper-aerotolerant Campylobacter coli, an emerging foodborne pathogen, shows differential expressions of oxidative stress-related genes. Veterinary Microbiology, 2022, 264, 109308.	0.8	1
4	Crystal structures of YeiE from Cronobacter sakazakii and the role of sulfite tolerance in gram-negative bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118002119.	3.3	6
5	Structure-based inhibitor design for reshaping bacterial morphology. Communications Biology, 2022, 5, 395.	2.0	1
6	Prevalence, Characteristics, and Clonal Distribution of Escherichia coli Carrying Mobilized Colistin Resistance Gene mcr-1.1 in Swine Farms and Their Differences According to Swine Production Stages. Frontiers in Microbiology, 2022, 13, .	1.5	4
7	Development of an endolysin enzyme and its cell wallâ€“binding domain protein and their applications for biocontrol and rapid detection of Clostridium perfringens in food. Food Chemistry, 2021, 345, 128562.	4.2	22
8	Characterization and Genomic Analysis of PALS2, a Novel Staphylococcus Jumbo Bacteriophage. Frontiers in Microbiology, 2021, 12, 622755.	1.5	17
9	A Nitrogen Metabolic Enzyme Provides Salmonella Fitness Advantage by Promoting Utilization of Microbiota-Derived Carbon Source. ACS Infectious Diseases, 2021, 7, 1208-1220.	1.8	4
10	An Antibacterial Nanorobotic Approach for the Specific Targeting and Removal of Multiple Drugâ€Resistant Staphylococcus aureus. Small, 2021, 17, e2100257.	5.2	20
11	Development of Advanced Chimeric Endolysin to Control Multidrug-Resistant Staphylococcus aureus through Domain Shuffling. ACS Infectious Diseases, 2021, 7, 2081-2092.	1.8	21
12	Presence of plasmid-mediated quinolone resistance (PMQR) genes in non-typhoidal Salmonella strains with reduced susceptibility to fluoroquinolones isolated from human salmonellosis in Gyeonggi-do, South Korea from 2016 to 2019. Gut Pathogens, 2021, 13, 35.	1.6	10
13	CosR Regulation of perR Transcription for the Control of Oxidative Stress Defense in Campylobacter jejuni. Microorganisms, 2021, 9, 1281.	1.6	4
14	Structure and Function of the Autolysin SagA in the Type IV Secretion System of Brucella abortus. Molecules and Cells, 2021, 44, 517-528.	1.0	4
15	Atypical Bacilliredoxin AbxC Plays a Role in Responding to Oxidative Stress in Radiation-Resistant Bacterium Deinococcus radiodurans. Antioxidants, 2021, 10, 1148.	2.2	4
16	Grand Challenges in Phage Biology. Frontiers in Microbiology, 2021, 12, 715039.	1.5	4
17	Development of new strategy combining heat treatment and phage cocktail for post-contamination prevention. Food Research International, 2021, 145, 110415.	2.9	20
18	Inhibition of Antimicrobial-Resistant Escherichia coli Using a Broad Host Range Phage Cocktail Targeting Various Bacterial Phylogenetic Groups. Frontiers in Microbiology, 2021, 12, 699630.	1.5	12

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19	Bacteriophage-Mediated Modulation of Bacterial Competition during Selective Enrichment of Campylobacter. Microbiology Spectrum, 2021, 9, e0170321.	1.2	2
20	Simultaneous Control of Staphylococcus aureus and Bacillus cereus Using a Hybrid Endolysin LysB4EAD-LysSA11. Antibiotics, 2020, 9, 906.	1.5	15
21	ptsI gene in the phosphotransfer system is a potential target for developing a live attenuated Salmonella vaccine. International Journal of Molecular Medicine, 2020, 45, 1327-1340.	1.8	2
22	Structure and function of the hypochlorous acidâ€“induced flavoprotein RclA from Escherichia coli. Journal of Biological Chemistry, 2020, 295, 3202-3212.	1.6	18
23	Yeast Surface Display System for Facilitated Production and Application of Phage Endolysin. ACS Synthetic Biology, 2020, 9, 508-516.	1.9	16
24	Peptidoglycan reshaping by a noncanonical peptidase for helical cell shape in Campylobacter jejuni. Nature Communications, 2020, 11, 458.	5.8	14
25	Complete Genome Sequence of Staphylococcus aureus Phage SA75, Isolated from Goat Feces. Microbiology Resource Announcements, 2020, 9, .	0.3	1
26	Identification and in vitro Characterization of a Novel Phage Endolysin that Targets Gram-Negative Bacteria. Microorganisms, 2020, 8, 447.	1.6	14
27	Whole-Genome Sequencing-Based Characteristics in Extended-Spectrum Beta-Lactamase-Producing Escherichia coli Isolated from Retail Meats in Korea. Microorganisms, 2020, 8, 508.	1.6	6
28	Development of a Novel Chimeric Endolysin, Lys109 With Enhanced Lytic Activity Against Staphylococcus aureus. Frontiers in Microbiology, 2020, 11, 615887.	1.5	24
29	Antimicrobial Resistance of Escherichia coli from Retail Poultry Meats in Korea. Journal of Food Protection, 2020, 83, 1673-1678.	0.8	8
30	Prevalence and Genetic Characterization of mcr-1-Positive Escherichia coli Isolated from Retail Meats in South Korea. Journal of Microbiology and Biotechnology, 2020, 30, 1862-1869.	0.9	6
31	Transcriptomic analysis of Staphylococcus aureus under the stress condition of antibacterial erythorbyl laurate by RNA sequencing. Food Control, 2019, 96, 1-8.	2.8	33
32	Microbiota Analysis for the Optimization of Campylobacter Isolation From Chicken Carcasses Using Selective Media. Frontiers in Microbiology, 2019, 10, 1381.	1.5	14
33	Structural Basis for Cell-Wall Recognition by Bacteriophage PBC5 Endolysin. Structure, 2019, 27, 1355-1365.e4.	1.6	17
34	Comparative Analysis of Aerotolerance, Antibiotic Resistance, and Virulence Gene Prevalence in Campylobacter jejuni Isolates from Retail Raw Chicken and Duck Meat in South Korea. Microorganisms, 2019, 7, 433.	1.6	35
35	Capsular Polysaccharide Is a Receptor of a Clostridium perfringens Bacteriophage CPS1. Viruses, 2019, 11, 1002.	1.5	16
36	Characterization of mcr-1-Harboring Plasmids from Pan Drug-Resistant Escherichia coli Strains Isolated from Retail Raw Chicken in South Korea. Microorganisms, 2019, 7, 344.	1.6	24

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37	Effective removal of staphylococcal biofilms on various food contact surfaces by Staphylococcus aureus phage endolysin LysCSA13. Food Microbiology, 2019, 84, 103245.	2.1	80
38	Programmed Delay of a Virulence Circuit Promotes Salmonella Pathogenicity. MBio, 2019, 10, .	1.8	7
39	Predominance of blaCTX-M-65 and blaCTX-M-55 in extended-spectrum Î²-lactamase-producing Escherichia coli from raw retail chicken in South Korea. Journal of Global Antimicrobial Resistance, 2019, 17, 216-220.	0.9	45
40	Preparation and characterization of endolysin-containing liposomes and evaluation of their antimicrobial activities against gram-negative bacteria. Enzyme and Microbial Technology, 2019, 128, 40-48.	1.6	47
41	Metagenomic analysis of isolation methods of a targeted microbe, Campylobacter jejuni, from chicken feces with high microbial contamination. Microbiome, 2019, 7, 67.	4.9	20
42	Regulation of Iron Uptake by Fine-Tuning the Iron Responsiveness of the Iron Sensor Fur. Applied and Environmental Microbiology, 2019, 85, .	1.4	15
43	Salt content dependent dielectric properties of pistachios relevant to radio-frequency pasteurization. Scientific Reports, 2019, 9, 2400.	1.6	5
44	Colanic Acid Is a Novel Phage Receptor of Pectobacterium carotovorum subsp. carotovorum Phage POP72. Frontiers in Microbiology, 2019, 10, 143.	1.5	30
45	Mutation of a Staphylococcus aureus temperate bacteriophage to a virulent one and evaluation of its application. Food Microbiology, 2019, 82, 523-532.	2.1	23
46	Structural basis for HOCl recognition and regulation mechanisms of HypT, a hypochlorite-specific transcriptional regulator. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3740-3745.	3.3	26
47	The Novel Enterococcus Phage vB_EfaS_HEf13 Has Broad Lytic Activity Against Clinical Isolates of Enterococcus faecalis. Frontiers in Microbiology, 2019, 10, 2877.	1.5	41
48	Hyper-Aerotolerant Campylobacter coli from Duck Sources and Its Potential Threat to Public Health: Virulence, Antimicrobial Resistance, and Genetic Relatedness. Microorganisms, 2019, 7, 579.	1.6	12
49	Effective inhibition of Salmonella Typhimurium in fresh produce by a phage cocktail targeting multiple host receptors. Food Microbiology, 2019, 77, 52-60.	2.1	87
50	Characterization and Genome Analysis of Staphylococcus aureus Podovirus CSA13 and Its Anti-Biofilm Capacity. Viruses, 2019, 11, 54.	1.5	28
51	Development of Multimodal Antibacterial Surfaces Using Porous Amine-Reactive Films Incorporating Lubricant and Silver Nanoparticles. ACS Applied Materials & Interfaces, 2019, 11, 6550-6560.	4.0	46
52	LysPBC2, a Novel Endolysin Harboring a Bacillus cereus Spore Binding Domain. Applied and Environmental Microbiology, 2019, 85, .	1.4	27
53	Crystal Structure of LysB4, an Endolysin from -Targeting Bacteriophage B4. Molecules and Cells, 2019, 42, 79-86.	1.0	4
54	Genetic Ablation of Butyrate Utilization Attenuates Gastrointestinal Salmonella Disease. Cell Host and Microbe, 2018, 23, 266-273.e4.	5.1	48

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55	New virulence factor CSK29544_02616 as LpxA binding partner in Cronobacter sakazakii. Scientific Reports, 2018, 8, 835.	1.6	5
56	Multiplexed Detection of Foodborne Pathogens from Contaminated Lettuces Using a Handheld Multistep Lateral Flow Assay Device. Journal of Agricultural and Food Chemistry, 2018, 66, 290-297.	2.4	50
57	Transducer-Like Protein in Campylobacter jejuni With a Role in Mediating Chemotaxis to Iron and Phosphate. Frontiers in Microbiology, 2018, 9, 2674.	1.5	13
58	Detection of Bacillus Cereus Using Bioluminescence Assay with Cell Wall-binding Domain Conjugated Magnetic Nanoparticles. Biochip Journal, 2018, 12, 287-293.	2.5	21
59	Structural Insights into the FtsQ/FtsB/FtsL Complex, a Key Component of the Divisome. Scientific Reports, 2018, 8, 18061.	1.6	28
60	Transcriptomic Analysis of Shiga Toxin-Producing Escherichia coli FORC_035 Reveals the Essential Role of Iron Acquisition for Survival in Canola Sprouts and Water Dropwort. Frontiers in Microbiology, 2018, 9, 2397.	1.5	0
61	Clostridium perfringens Virulent Bacteriophage CPS2 and Its Thermostable Endolysin LysCPS2. Viruses, 2018, 10, 251.	1.5	50
62	The Auxiliary Role of the Amidase Domain in Cell Wall Binding and Exolytic Activity of Staphylococcal Phage Endolysins. Viruses, 2018, 10, 284.	1.5	25
63	Potential Survival and Pathogenesis of a Novel Strain, Vibrio parahaemolyticus FORC_022, Isolated From a Soy Sauce Marinated Crab by Genome and Transcriptome Analyses. Frontiers in Microbiology, 2018, 9, 1504.	1.5	5
64	Metagenomic Approach to Identifying Foodborne Pathogens on Chinese Cabbage. Journal of Microbiology and Biotechnology, 2018, 28, 227-235.	0.9	32
65	Analysis of Microbiota in Bellflower Root, Platycodon grandiflorum, Obtained from South Korea. Journal of Microbiology and Biotechnology, 2018, 28, 551-560.	0.9	2
66	The complete genome sequence of Cronobacter sakazakii ATCC 29544T, a food-borne pathogen, isolated from a childâ€™s throat. Gut Pathogens, 2017, 9, 2.	1.6	12
67	Sensitive detection of viable Escherichia coli O157:H7 from foods using a luciferase-reporter phage phiV10lux. International Journal of Food Microbiology, 2017, 254, 11-17.	2.1	44
68	Lateral flow assay-based bacterial detection using engineered cell wall binding domains of a phage endolysin. Biosensors and Bioelectronics, 2017, 96, 173-177.	5.3	84
69	Enzyme IIANtr Regulates Salmonella Invasion Via 1,2-Propanediol And Propionate Catabolism. Scientific Reports, 2017, 7, 44827.	1.6	22
70	Characterization and genome analysis of novel bacteriophages infecting the opportunistic human pathogens Klebsiella oxytoca and K. pneumoniae. Archives of Virology, 2017, 162, 1129-1139.	0.9	18
71	Endolysin LysSA97 is synergistic with carvacrol in controlling Staphylococcus aureus in foods. International Journal of Food Microbiology, 2017, 244, 19-26.	2.1	59
72	Characterization of a novel endolysin LysSA11 and its utility as a potent biocontrol agent against Staphylococcus aureus on food and utensils. Food Microbiology, 2017, 68, 112-120.	2.1	65

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73	The role of the FliD C-terminal domain in pentamer formation and interaction with FliT. Scientific Reports, 2017, 7, 4418.	1.6	5
74	Genomic insights into the virulence and salt tolerance of Staphylococcus equorum. Scientific Reports, 2017, 7, 5383.	1.6	34
75	Comparative genomic analysis reveals genetic features related to the virulence of Bacillus cereus FORC_013. Gut Pathogens, 2017, 9, 29.	1.6	7
76	Characterization of a novel cell wall binding domain-containing Staphylococcus aureus endolysin LysSA97. Applied Microbiology and Biotechnology, 2017, 101, 147-158.	1.7	33
77	Genomic Insights and Its Comparative Analysis with Yersinia enterocolitica Reveals the Potential Virulence Determinants and Further Pathogenicity for Foodborne Outbreaks. Journal of Microbiology and Biotechnology, 2017, 27, 262-270.	0.9	5
78	Biocontrol and Rapid Detection of Food-Borne Pathogens Using Bacteriophages and Endolysins. Frontiers in Microbiology, 2016, 7, 474.	1.5	99
79	Characterization and Genomic Study of the Novel Bacteriophage HY01 Infecting Both Escherichia coli O157:H7 and Shigella flexneri: Potential as a Biocontrol Agent in Food. PLoS ONE, 2016, 11, e0168985.	1.1	59
80	Stepwise phosphorylation of p65 promotes NF-ÎºB activation and NK cell responses during target cell recognition. Nature Communications, 2016, 7, 11686.	5.8	101
81	Complete genome sequence ofVibrio parahaemolyticusstrain FORC_008, a foodborne pathogen from a flounder fish in South Korea. Pathogens and Disease, 2016, 74, ftw044.	0.8	5
82	Comparison of bactericidal efficiency of 7.5 MeV X-rays, gamma-rays, and 10 MeV e-beams. Radiation Physics and Chemistry, 2016, 125, 106-108.	1.4	16
83	Complete genome sequence ofVibrio parahaemolyticusFORC_023 isolated from raw fish storage water. Pathogens and Disease, 2016, 74, ftw032.	0.8	4
84	Noncanonical DNA-binding mode of repressor and its disassembly by antirepressor. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2480-8.	3.3	14
85	Characterization of LysPBC4, a novelBacillus cereus-specific endolysin of bacteriophage PBC4. FEMS Microbiology Letters, 2016, 363, fnw092.	0.7	15
86	Fine-tuning of amino sugar homeostasis by EIIANtr in Salmonella Typhimurium. Scientific Reports, 2016, 6, 33055.	1.6	26
87	Complete genome of Vibrio parahaemolyticus FORC014 isolated from the toothfish. Gut Pathogens, 2016, 8, 59.	1.6	8
88	Complete genome sequence of Vibrio vulnificus FORC_017 isolated from a patient with a hemorrhagic rash after consuming raw dotted gizzard shad. Gut Pathogens, 2016, 8, 22.	1.6	14
89	Complete genome sequence of Staphylococcus equorum KS1039 isolated from Saeu-jeotgal, Korean high-salt-fermented seafood. Journal of Biotechnology, 2016, 219, 88-89.	1.9	19
90	Identification of red pepper powder irradiated with different types of radiation using luminescence methods: A comparative study. Food Chemistry, 2016, 200, 293-300.	4.2	12

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91	A Novel Bacteriophage Targeting Cronobacter sakazakii Is a Potential Biocontrol Agent in Foods. Applied and Environmental Microbiology, 2016, 82, 192-201.	1.4	29
92	Identification of a Bacteria-Specific Binding Protein from the Sequenced Bacterial Genome. Journal of Microbiology and Biotechnology, 2016, 26, 38-43.	0.9	5
93	Genome Sequence of Bacillus cereus FORC_021, a Food-Borne Pathogen Isolated from a Knife at a Sashimi Restaurant. Journal of Microbiology and Biotechnology, 2016, 26, 2030-2035.	0.9	3
94	Complete genome sequence of Bacillus cereus FORC_005, a food-borne pathogen from the soy sauce braised fish-cake with quail-egg. Standards in Genomic Sciences, 2015, 10, 97.	1.5	7
95	Isolation and Genome Characterization of the Virulent Staphylococcus aureus Bacteriophage SA97. Viruses, 2015, 7, 5225-5242.	1.5	49
96	Bacteriophage PBC1 and Its Endolysin as an Antimicrobial Agent against Bacillus cereus. Applied and Environmental Microbiology, 2015, 81, 2274-2283.	1.4	52
97	Non-selective regulation of peroxide and superoxide resistance genes by PerR in Campylobacter jejuni. Frontiers in Microbiology, 2015, 6, 126.	1.5	24
98	NK cell function triggered by multiple activating receptors is negatively regulated by glycogen synthase kinase-3Î². Cellular Signalling, 2015, 27, 1731-1741.	1.7	16
99	A novel and highly specific phage endolysin cell wall binding domain for detection of Bacillus cereus. European Biophysics Journal, 2015, 44, 437-446.	1.2	47
100	Complete genome sequence and phylogenetic position of the Bacillus cereus group phage JBP901. Archives of Virology, 2015, 160, 2381-2384.	0.9	4
101	hfq Plays Important Roles in Virulence and Stress Adaptation in Cronobacter sakazakii ATCC 29544. Infection and Immunity, 2015, 83, 2089-2098.	1.0	44
102	Plasmid-Encoded MCP Is Involved in Virulence, Motility, and Biofilm Formation of Cronobacter sakazakii ATCC 29544. Infection and Immunity, 2015, 83, 197-204.	1.0	35
103	Putative type 1 thymidylate synthase and dihydrofolate reductase as signature genes of a novel bastille-like group of phages in the subfamily Spounavirinae. BMC Genomics, 2015, 16, 582.	1.2	26
104	Complete genome sequence analysis and identification of putative metallo-beta-lactamase and SpoIIIE homologs in Bacillus cereus group phage BCP8-2, a new member of the proposed Bastille-like group. Archives of Virology, 2015, 160, 2647-2650.	0.9	3
105	Developmental Dynamic Analysis of the Excreted Microbiome of Chickens Using Next-Generation Sequencing. Journal of Molecular Microbiology and Biotechnology, 2015, 25, 262-268.	1.0	10
106	Weissella jogaejeotgali sp. nov., isolated from jogae jeotgal, a traditional Korean fermented seafood. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4674-4681.	0.8	29
107	Comparative Genomic Analysis of Staphylococcus aureus FORC_001 and S. aureus MRSA252 Reveals the Characteristics of Antibiotic Resistance and Virulence Factors for Human Infection. Journal of Microbiology and Biotechnology, 2015, 25, 98-108.	0.9	11
108	Anti-Tumoral Effect of the Mitochondrial Target Domain of Noxa Delivered by an Engineered Salmonella typhimurium. PLoS ONE, 2014, 9, e80050.	1.1	71

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109	Genomic Investigation of Lysogen Formation and Host Lysis Systems of the Salmonella Temperate Bacteriophage SPN9CC. Applied and Environmental Microbiology, 2014, 80, 374-384.	1.4	37
110	Identification and Characterization of Outer Membrane Vesicle-Associated Proteins in Salmonella enterica Serovar Typhimurium. Infection and Immunity, 2014, 82, 4001-4010.	1.0	70
111	Structure of bacteriophage <scp>SPN</scp>1<scp>S</scp> endolysin reveals an unusual twoâ€module fold for the peptidoglycan lytic and binding activity. Molecular Microbiology, 2014, 92, 316-325.	1.2	23
112	Draft genome sequence of Xanthomonas axonopodis pv. glycines 8ra possessing transcription activator-like effectors used for genetic engineering. Journal of Biotechnology, 2014, 179, 15-16.	1.9	5
113	Inactivation of Escherichia coli O157:H7 and Salmonella Typhimurium in black pepper and red pepper by gamma irradiation. International Journal of Food Microbiology, 2014, 172, 125-129.	2.1	61
114	Core Lipopolysaccharide-Specific Phage SSU5 as an Auxiliary Component of a Phage Cocktail for Salmonella Biocontrol. Applied and Environmental Microbiology, 2014, 80, 1026-1034.	1.4	55
115	Characterization and comparative genomic analysis of bacteriophages infecting members of the Bacillus cereus group. Archives of Virology, 2014, 159, 871-884.	0.9	19
116	Development of an Engineered Bioluminescent Reporter Phage for the Sensitive Detection of Viable Salmonella Typhimurium. Analytical Chemistry, 2014, 86, 5858-5864.	3.2	53
117	Development of a Novel Selective and Differential Medium for the Isolation of Listeria monocytogenes. Applied and Environmental Microbiology, 2014, 80, 1020-1025.	1.4	29
118	Characterization and genome analysis of the Bacillus cereus-infecting bacteriophages BPS10C and BPS13. Archives of Virology, 2014, 159, 2171-2175.	0.9	14
119	Putative Inv Is Essential for Basolateral Invasion of Caco-2 Cells and Acts Synergistically with OmpA To Affect In Vitro and In Vivo Virulence of Cronobacter sakazakii ATCC 29544. Infection and Immunity, 2014, 82, 1755-1765.	1.0	23
120	Combination effect of ozone and heat treatments for the inactivation of Escherichia coli O157:H7, Salmonella Typhimurium, and Listeria monocytogenes in apple juice. International Journal of Food Microbiology, 2014, 171, 147-153.	2.1	54
121	Complete genome sequence of enterobacteria phage 4MG, a new member of the subgroup â€œPVP-SE1-like phageâ€•of the â€œV5-like virusesâ€• Archives of Virology, 2014, 159, 3137-3140.	0.9	6
122	Divergent Distribution of the Sensor Kinase CosS in Non-Thermotolerant Campylobacter Species and Its Functional Incompatibility with the Response Regulator CosR of Campylobacter jejuni. PLoS ONE, 2014, 9, e89774.	1.1	5
123	Exogenous Lytic Activity of SPN9CC Endolysin Against Gram-Negative Bacteria. Journal of Microbiology and Biotechnology, 2014, 24, 803-811.	0.9	75
124	Characterization and complete genome sequence of a virulent bacteriophage B4 infecting food-borne pathogenic Bacillus cereus. Archives of Virology, 2013, 158, 2101-2108.	0.9	31
125	Complete genome sequence analysis of bacterial-flagellum-targeting bacteriophage chi. Archives of Virology, 2013, 158, 2179-2183.	0.9	18
126	Characterization and complete genome sequence analysis of Staphylococcus aureus bacteriophage SA12. Virus Genes, 2013, 47, 389-393.	0.7	14

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127	Characterization and genomic analysis of two Staphylococcus aureus bacteriophages isolated from poultry/livestock farms. Journal of General Virology, 2013, 94, 2569-2576.	1.3	13
128	Roles of the superoxide dismutase SodB and the catalase KatA in the antibiotic resistance of Campylobacter jejuni. Journal of Antibiotics, 2013, 66, 351-353.	1.0	19
129	Identification and Characterization of a Novel Flagellum-Dependent Salmonella-Infecting Bacteriophage, iEPS5. Applied and Environmental Microbiology, 2013, 79, 4829-4837.	1.4	68
130	Inactivation of Salmonella enterica serovar Typhimurium and Escherichia coli O157:H7 in peanut butter cracker sandwiches by radio-frequency heating. Food Microbiology, 2013, 34, 145-150.	2.1	47
131	Characterization of genes required for the pathogenicity of Pectobacterium carotovorum subsp. carotovorum Pcc21 in Chinese cabbage. Microbiology (United Kingdom), 2013, 159, 1487-1496.	0.7	61
132	Norovirus Contamination Levels in Ground Water Treatment Systems Used for Food-Catering Facilities in South Korea. Viruses, 2013, 5, 1646-1654.	1.5	19
133	Effect of Frequency and Waveform on Inactivation of Escherichia coli O157:H7 and Salmonella enterica Serovar Typhimurium in Salsa by Ohmic Heating. Applied and Environmental Microbiology, 2013, 79, 10-17.	1.4	59
134	Antirepression System Associated with the Life Cycle Switch in the Temperate Podoviridae Phage SPC32H. Journal of Virology, 2013, 87, 11775-11786.	1.5	22
135	Full-Genomic Analysis of a Human Norovirus Recombinant GII.12/13 Novel Strain Isolated from South Korea. PLoS ONE, 2013, 8, e85063.	1.1	25
136	Expression of STM4467 -Encoded Arginine Deiminase Controlled by the STM4463 Regulator Contributes to Salmonella enterica Serovar Typhimurium Virulence. Infection and Immunity, 2012, 80, 4291-4297.	1.0	29
137	Complete Genome Sequence of Bacillus cereus Bacteriophage BCP78. Journal of Virology, 2012, 86, 637-638.	1.5	24
138	Development of an Improved Selective and Differential Medium for Isolation of Salmonella spp. Journal of Clinical Microbiology, 2012, 50, 3222-3226.	1.8	33
139	Complete Genome Sequence of Salmonella enterica Serovar Typhimurium Bacteriophage SPN1S. Journal of Virology, 2012, 86, 1284-1285.	1.5	11
140	Complete Genome Sequence of Bacteriophage SSU5 Specific for Salmonella enterica serovar Typhimurium Rough Strains. Journal of Virology, 2012, 86, 10894-10894.	1.5	34
141	Complete Genome Sequence of Bacillus cereus Bacteriophage PBC1. Journal of Virology, 2012, 86, 6379-6380.	1.5	20
142	Complete Genome Sequence of Cronobacter sakazakii Temperate Bacteriophage phiES15. Journal of Virology, 2012, 86, 7713-7714.	1.5	17
143	Transcriptional Regulation of the CmeABC Multidrug Efflux Pump and the KatA Catalase by CosR in Campylobacter jejuni. Journal of Bacteriology, 2012, 194, 6883-6891.	1.0	61
144	Complete Genome Sequence of Cronobacter sakazakii Bacteriophage CR3. Journal of Virology, 2012, 86, 6367-6368.	1.5	13

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145	Spontaneous and transient defence against bacteriophage by phaseâ€variable glucosylation of <scp>O</scp>â€antigen in <scp>S</scp>almonella enterica serovar <scp>T</scp>yphimurium. Molecular Microbiology, 2012, 86, 411-425.	1.2	84
146	A suggested new bacteriophage genus: â€œViunalikevirusâ€. Archives of Virology, 2012, 157, 2035-2046.	0.9	77
147	Inactivation of Escherichia coli O157:H7, Salmonella typhimurium and Listeria monocytogenes in apple juice with gaseous ozone. Food Microbiology, 2012, 32, 191-195.	2.1	45
148	Possible roles of LysR-type transcriptional regulator (LTTR) homolog as a global regulator in Cronobacter sakazakii ATCC 29544. International Journal of Medical Microbiology, 2012, 302, 270-275.	1.5	13
149	Characterization and Comparative Genomic Analysis of a Novel Bacteriophage, SFP10, Simultaneously Inhibiting both Salmonella enterica and Escherichia coli O157:H7. Applied and Environmental Microbiology, 2012, 78, 58-69.	1.4	142
150	Characterization of endolysin from a Salmonella Typhimurium-infecting bacteriophage SPN1S. Research in Microbiology, 2012, 163, 233-241.	1.0	62
151	Analysis of HilC/D-dependent invF promoter expression under different culture conditions. Microbial Pathogenesis, 2012, 52, 359-366.	1.3	10
152	Bacteriophages BCP1-1 and BCP8-2 require divalent cations for efficient control of Bacillus cereus in fermented foods. Food Microbiology, 2012, 31, 9-16.	2.1	74
153	Radio-frequency heating to inactivate Salmonella Typhimurium and Escherichia coli O157:H7 on black and red pepper spice. International Journal of Food Microbiology, 2012, 153, 171-175.	2.1	103
154	Inactivation of biofilm cells of foodborne pathogen by aerosolized sanitizers. International Journal of Food Microbiology, 2012, 154, 130-134.	2.1	47
155	Synergistic effect of steam and lactic acid against Escherichia coli O157:H7, Salmonella Typhimurium, and Listeria monocytogenes biofilms on polyvinyl chloride and stainless steel. International Journal of Food Microbiology, 2012, 157, 218-223.	2.1	32
156	Characterization of an endolysin, LysBPS13, from a Bacillus cereus bacteriophage. FEMS Microbiology Letters, 2012, 332, 76-83.	0.7	39
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