

Ran Wang

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,620
citations

279798

23
h-index

197818

49
g-index

51
all docs

51
docs citations

51
times ranked

3149
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-control of O157:H7, and colistin-resistant MCR-1-positive Escherichia coli using a new designed broad host range phage cocktail. LWT - Food Science and Technology, 2022, 154, 112836.	5.2	24
2	Phage JS02, a putative temperate phage, a novel biofilm-degrading agent for Staphylococcus aureus. Letters in Applied Microbiology, 2022, 75, 643-654.	2.2	9
3	Clinical and experimental bacteriophage studies: Recommendations for possible approaches for standing against SARS-CoV-2. Microbial Pathogenesis, 2022, 164, 105442.	2.9	21
4	Dysbiosis and intestinal inflammation caused by Salmonella Typhimurium in mice can be alleviated by preadministration of a lytic phage. Microbiological Research, 2022, 260, 127020.	5.3	9
5	Genome Sequence of Salmonella enterica Serovar Typhimurium Phage SAP12. Microbiology Resource Announcements, 2022, , e0108621.	0.6	0
6	Dysbiosis of Gut Microbiota and Intestinal Barrier Dysfunction in Pigs with Pulmonary Inflammation Induced by Mycoplasma hyorhinis Infection. MSystems, 2022, 7, .	3.8	8
7	An <i>in vitro</i> study on a novel six-phage cocktail against multi-drug resistant ESBL <i>Shigella</i> in aquatic environment. Letters in Applied Microbiology, 2021, 72, 231-237.	2.2	22
8	Dissemination of the <i>tet(X)</i> -Variant Genes from Layer Farms to Manure-Receiving Soil and Corresponding Lettuce. Environmental Science & Technology, 2021, 55, 1604-1614.	10.0	23
9	Biodiversity of New Lytic Bacteriophages Infecting Shigella spp. in Freshwater Environment. Frontiers in Microbiology, 2021, 12, 619323.	3.5	17
10	vB_EfaS-DELFI, a novel Siphoviridae bacteriophage with highly effective lytic activity against vancomycin-resistant Enterococcus faecalis. Virus Research, 2021, 298, 198391.	2.2	3
11	Effective control of Shigella contamination in different foods using a novel six-phage cocktail. LWT - Food Science and Technology, 2021, 144, 111137.	5.2	14
12	A rapid competitive method for bacteriophage genomic DNA extraction. Journal of Virological Methods, 2021, 293, 114148.	2.1	9
13	Antiviral effect of a bacteriophage on murine norovirus replication via modulation of the innate immune response. Virus Research, 2021, 305, 198572.	2.2	12
14	Broad host range phage vB-LmoM-SH3-3 reduces the risk of Listeria contamination in two types of ready-to-eat food. Food Control, 2020, 108, 106830.	5.5	22
15	Survey of infection and determination of the transmission vector of Onchocerca fasciata in camels () Tj ETQq1 1 0.784314 rgBT /Overbor 1.5 3		
16	Co-existence of tet(X4) and mcr-1 in two porcine Escherichia coli isolates. Journal of Antimicrobial Chemotherapy, 2020, 75, 764-766.	3.0	23
17	Transient carriage and low-level colonization of orally administrated lytic and temperate phages in the gut of mice. Food Production Processing and Nutrition, 2020, 2, .	3.5	2
18	A New Phage Cocktail Against Multidrug, ESBL-Producer Isolates of <i>Shigella sonnei</i> and <i>Shigella flexneri</i> with Highly Efficient Bacteriolytic Activity. Microbial Drug Resistance, 2020, 26, 831-841.	2.0	20

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19	The complete genome of lytic Salmonella phage vB_SenM-PA13076 and therapeutic potency in the treatment of lethal Salmonella Enteritidis infections in mice. <i>Microbiological Research</i> , 2020, 237, 126471.	5.3	41
20	Characterization of <i>Acinetobacter indicus</i> co-harboring tet(X3) and bla _{NDM-1} of dairy cow origin. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 2693-2696.	3.0	17
21	Morphologic and genomic characterization of a broad host range Salmonella enterica serovar Pullorum lytic phage vB_SPuM_SP116. <i>Microbial Pathogenesis</i> , 2019, 136, 103659.	2.9	24
22	Prevalence and molecular characterization of multidrug-resistant Shigella species of food origins and their inactivation by specific lytic bacteriophages. <i>International Journal of Food Microbiology</i> , 2019, 305, 108252.	4.7	31
23	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. <i>Nature Microbiology</i> , 2019, 4, 1450-1456.	13.3	455
24	Bioinformatic analyses of a potential Salmonella-virus-FelixO1 biocontrol phage BPS15S6 and the characterisation and anti-Enterobacteriaceae-pathogen activity of its endolysin LyS15S6. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 1577-1592.	1.7	6
25	Distribution of antimicrobial resistance genes and integrons among Shigella spp. isolated from water sources. <i>Journal of Global Antimicrobial Resistance</i> , 2019, 19, 122-128.	2.2	17
26	Isolation, characterization, and PCR-based molecular identification of a siphoviridae phage infecting Shigella dysenteriae. <i>Microbial Pathogenesis</i> , 2019, 131, 175-180.	2.9	30
27	Testosterone disruptor effect and gut microbiome perturbation in mice: Early life exposure to doxycycline. <i>Chemosphere</i> , 2019, 222, 722-731.	8.2	22
28	Complete genome sequence analysis of a lytic Shigella flexneri vB_SflS-ISF001 bacteriophage. <i>Turkish Journal of Biology</i> , 2019, 43, 99-112.	0.8	15
29	Occurrence of seventeen veterinary antibiotics and resistant bacterias in manure-fertilized vegetable farm soil in four provinces of China. <i>Chemosphere</i> , 2019, 215, 234-240.	8.2	94
30	Responses of crop productivity and physical protection of organic carbon by macroaggregates to long-term fertilization of an Anthrosol. <i>European Journal of Soil Science</i> , 2018, 69, 555-567.	3.9	22
31	Insights Into the Bovine Milk Microbiota in Dairy Farms With Different Incidence Rates of Subclinical Mastitis. <i>Frontiers in Microbiology</i> , 2018, 9, 2379.	3.5	46
32	Alterations in the diversity and composition of mice gut microbiota by lytic or temperate gut phage treatment. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 10219-10230.	3.6	19
33	Staphylococcus aureus Bacteriophage Suppresses LPS-Induced Inflammation in MAC-T Bovine Mammary Epithelial Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 1614.	3.5	50
34	Quantitative analysis of chloramphenicol, thiamphenicol, florfenicol and florfenicol amine in eggs via liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Food Chemistry</i> , 2018, 269, 542-548.	8.2	48
35	Isolation, characterization and genomic analysis of a novel lytic bacteriophage vB_SsoS-ISF002 infecting Shigella sonnei and Shigella flexneri. <i>Journal of Medical Microbiology</i> , 2018, 67, 376-386.	1.8	36
36	The lytic activity of recombinant phage lysin LysK ¹ amidase against staphylococcal strains associated with bovine and human infections in the Jiangsu province of China. <i>Research in Veterinary Science</i> , 2017, 111, 113-119.	1.9	31

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37	Characterization of NDM-5-positive extensively resistant <i>Escherichia coli</i> isolates from dairy cows. <i>Veterinary Microbiology</i> , 2017, 207, 153-158.	1.9	56
38	Intracellular <i>Staphylococcus aureus</i> Control by Virulent Bacteriophages within MAC-T Bovine Mammary Epithelial Cells. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	44
39	Imidacloprid is hydroxylated by <i>Laodelphax striatellus</i> CYP6AY3v2. <i>Insect Molecular Biology</i> , 2017, 26, 543-551.	2.0	19
40	Occurrence and characterization of blaNDM-5-positive <i>Klebsiella pneumoniae</i> isolates from dairy cows in Jiangsu, China. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 90-94.	3.0	66
41	Molecular and virulence characterization of highly prevalent <i>Streptococcus agalactiae</i> circulated in bovine dairy herds. <i>Veterinary Research</i> , 2017, 48, 65.	3.0	46
42	Population structure and antimicrobial profile of <i>Staphylococcus aureus</i> strains associated with bovine mastitis in China. <i>Microbial Pathogenesis</i> , 2016, 97, 103-109.	2.9	37
43	Occurrence of 13 veterinary drugs in animal manure-amended soils in Eastern China. <i>Chemosphere</i> , 2016, 144, 2377-2383.	8.2	107
44	Bio-Control of <i>Salmonella Enteritidis</i> in Foods Using Bacteriophages. <i>Viruses</i> , 2015, 7, 4836-4853.	3.3	124
45	Plasmid-borne cadmium resistant determinants are associated with the susceptibility of <i>Listeria monocytogenes</i> to bacteriophage. <i>Microbiological Research</i> , 2015, 172, 1-6.	5.3	24
46	Characterization and partial genomic analysis of a lytic Myoviridae bacteriophage against <i>Staphylococcus aureus</i> isolated from dairy cows with mastitis in Mid-east of China. <i>Virus Genes</i> , 2015, 50, 111-117.	1.6	20
47	A serological survey of canine H3N2, pandemic H1N1/09 and human seasonal H3N2 influenza viruses in dogs in China. <i>Veterinary Microbiology</i> , 2014, 168, 193-196.	1.9	32
48	Phage inactivation of foodborne <i>Shigella</i> on ready-to-eat spiced chicken. <i>Poultry Science</i> , 2013, 92, 211-217.	3.4	47
49	Priming of jasmonate-mediated antiherbivore defense responses in rice by silicon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E3631-9.	7.1	261
50	Occurrence of veterinary antibiotics in animal wastewater and surface water around farms in Jiangsu Province, China. <i>Chemosphere</i> , 2011, 82, 1408-1414.	8.2	436
51	Isolation and characterization of bacteriophages of <i>Salmonella enterica</i> serovar Pullorum. <i>Poultry Science</i> , 2011, 90, 2370-2377.	3.4	56