Ran Wang

List of Publications by Year
in descending order

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	Emergence of plasmid-mediated high-level tigecycline resistance genes in animals and humans. Nature Microbiology, 2019, 4, 1450-1456.	13.3	455
2	Occurrence of veterinary antibiotics in animal wastewater and surface water around farms in Jiangsu Province, China. Chemosphere, 2011, 82, 1408-1414.	8.2	436
3	Priming of jasmonate-mediated antiherbivore defense responses in rice by silicon. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3631-9.	7.1	261
4	Bio-Control of Salmonella Enteritidis in Foods Using Bacteriophages. Viruses, 2015, 7, 4836-4853.	3.3	124
5	Occurrence of 13 veterinary drugs in animal manure-amended soils in Eastern China. Chemosphere, 2016, 144, 2377-2383.	8.2	107
6	Occurrence of seventeen veterinary antibiotics and resistant bacterias in manure-fertilized vegetable farm soil in four provinces of China. Chemosphere, 2019, 215, 234-240.	8.2	94
7	Occurrence and characterization ofblaNDM-5-positiveKlebsiella pneumoniaeisolates from dairy cows in Jiangsu, China. Journal of Antimicrobial Chemotherapy, 2017, 72, 90-94.	3.0	66
8	Isolation and characterization of bacteriophages of Salmonella enterica serovar Pullorum. Poultry Science, 2011, 90, 2370-2377.	3.4	56
9	Characterization of NDM-5-positive extensively resistant Escherichia coli isolates from dairy cows. Veterinary Microbiology, 2017, 207, 153-158.	1.9	56
10	Staphylococcus aureus Bacteriophage Suppresses LPS-Induced Inflammation in MAC-T Bovine Mammary Epithelial Cells. Frontiers in Microbiology, 2018, 9, 1614.	3.5	50
11	Quantitative analysis of chloramphenicol, thiamphenicol, florfenicol and florfenicol amine in eggs via liquid chromatography-electrospray ionization tandem mass spectrometry. Food Chemistry, 2018, 269, 542-548.	8.2	48
12	Phage inactivation of foodborne Shigella on ready-to-eat spiced chicken. Poultry Science, 2013, 92, 211-217.	3.4	47
13	Molecular and virulence characterization of highly prevalent Streptococcus agalactiae circulated in bovine dairy herds. Veterinary Research, 2017, 48, 65.	3.0	46
14	Insights Into the Bovine Milk Microbiota in Dairy Farms With Different Incidence Rates of Subclinical Mastitis. Frontiers in Microbiology, 2018, 9, 2379.	3.5	46
15	Intracellular Staphylococcus aureus Control by Virulent Bacteriophages within MAC-T Bovine Mammary Epithelial Cells. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	44
16	The complete genome of lytic Salmonella phage vB_SenM-PA13076 and therapeutic potency in the treatment of lethal Salmonella Enteritidis infections in mice. Microbiological Research, 2020, 237, 126471.	5.3	41
17	Population structure and antimicrobial profile of Staphylococcus aureus strains associated with bovine mastitis in China. Microbial Pathogenesis, 2016, 97, 103-109.	2.9	37
18	Isolation, characterization and genomic analysis of a novel lytic bacteriophage vB_SsoS-ISF002 infecting Shigella sonnei and Shigella flexneri. Journal of Medical Microbiology, 2018, 67, 376-386.	1.8	36

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19	A serological survey of canine H3N2, pandemic H1N1/09 and human seasonal H3N2 influenza viruses in dogs in China. Veterinary Microbiology, 2014, 168, 193-196.	1.9	32
20	The lytic activity of recombinant phage lysin LysKÎ”amidase against staphylococcal strains associated with bovine and human infections in the Jiangsu province of China. Research in Veterinary Science, 2017, 111, 113-119.	1.9	31
21	Prevalence and molecular characterization of multidrug-resistant Shigella species of food origins and their inactivation by specific lytic bacteriophages. International Journal of Food Microbiology, 2019, 305, 108252.	4.7	31
22	Isolation, characterization, and PCR-based molecular identification of a siphoviridae phage infecting Shigella dysenteriae. Microbial Pathogenesis, 2019, 131, 175-180.	2.9	30
23	Plasmid-borne cadmium resistant determinants are associated with the susceptibility of Listeria monocytogenes to bacteriophage. Microbiological Research, 2015, 172, 1-6.	5.3	24
24	Morphologic and genomic characterization of a broad host range Salmonella enterica serovar Pullorum lytic phage vB_SPuM_SP116. Microbial Pathogenesis, 2019, 136, 103659.	2.9	24
25	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
26	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
27	Dissemination of the tet(X)-Variant Genes from Layer Farms to Manure-Receiving Soil and Corresponding Lettuce. Environmental Science & Technology, 2021, 55, 1604-1614.	10.0	23
28	Responses of crop productivity and physical protection of organic carbon by macroaggregates to longâ€term fertilization of an Anthrosol. European Journal of Soil Science, 2018, 69, 555-567.	3.9	22
29	Testosterone disruptor effect and gut microbiome perturbation in mice: Early life exposure to doxycycline. Chemosphere, 2019, 222, 722-731.	8.2	22
30	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
31	An inâ€vitro study on a novel sixâ€phage cocktail against multiâ€drug resistantâ€ESBL Shigella in aquatic environment. Letters in Applied Microbiology, 2021, 72, 231-237.	2.2	22
32	Clinical and experimental bacteriophage studies: Recommendations for possible approaches for standing against SARS-CoV-2. Microbial Pathogenesis, 2022, 164, 105442.	2.9	21
33	Characterization and partial genomic analysis of a lytic Myoviridae bacteriophage against Staphylococcus aureus isolated from dairy cows with mastitis in Mid-east of China. Virus Genes, 2015, 50, 111-117.	1.6	20
34	A New Phage Cocktail Against Multidrug, ESBL-Producer Isolates of Shigella sonnei and Shigella flexneri with Highly Efficient Bacteriolytic Activity. Microbial Drug Resistance, 2020, 26, 831-841.	2.0	20
35	Imidacloprid is hydroxylated by Laodelphax striatellus CYP6AY3v2. Insect Molecular Biology, 2017, 26, 543-551.	2.0	19
36	Alterations in the diversity and composition of mice gut microbiota by lytic or temperate gut phage treatment. Applied Microbiology and Biotechnology, 2018, 102, 10219-10230.	3.6	19

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37	Distribution of antimicrobial resistance genes and integrons among Shigella spp. isolated from water sources. Journal of Global Antimicrobial Resistance, 2019, 19, 122-128.	2.2	17
38	Biodiversity of New Lytic Bacteriophages Infecting Shigella spp. in Freshwater Environment. Frontiers in Microbiology, 2021, 12, 619323.	3.5	17
39	Characterization of Acinetobacter indicus co-harbouring tet(X3) and blaNDM-1 of dairy cow origin. Journal of Antimicrobial Chemotherapy, 2020, 75, 2693-2696.	3.0	17
40	Complete genome sequence analysis of a lytic Shigella flexneri vB_SflS-ISF001 bacteriophage. Turkish Journal of Biology, 2019, 43, 99-112.	0.8	15
41	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
42	Antiviral effect of a bacteriophage on murine norovirus replication via modulation of the innate immune response. Virus Research, 2021, 305, 198572.	2.2	12
43	A rapid competitive method for bacteriophage genomic DNA extraction. Journal of Virological Methods, 2021, 293, 114148.	2.1	9
44	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
45	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
46	Dysbiosis of Gut Microbiota and Intestinal Barrier Dysfunction in Pigs with Pulmonary Inflammation Induced by Mycoplasma hyorhinis Infection. MSystems, 2022, 7, .	3.8	8
47	Bioinformatic analyses of a potential Salmonella-virus-FelixO1 biocontrol phage BPS15S6 and the characterisation and anti-Enterobacteriaceae-pathogen activity of its endolysin LyS15S6. Antonie Van Leeuwenhoek, 2019, 112, 1577-1592.	1.7	6
48	Survey of infection and determination of the transmission vector of Onchocerca fasciata in camels () Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	3
49	vB_EfaS-DELF1, a novel Siphoviridae bacteriophage with highly effective lytic activity against vancomycin-resistant Enterococcus faecalis. Virus Research, 2021, 298, 198391.	2.2	3
50	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
51	Genome Sequence of Salmonella enterica Serovar Typhimurium Phage SAP12. Microbiology Resource Announcements, 2022, , e0108621.	0.6	0