

Masato Akiba

List of Publications by Year in descending order

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42
papers

1,037
citations

430874

18
h-index

434195

31
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43
all docs

43
docs citations

43
times ranked

1442
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of a plasmid genome database for colistin-resistance gene <i>mcr-1</i> . <i>Lancet Infectious Diseases</i> , The, 2016, 16, 284-285.	9.1	87
2	Distribution and Relationships of Antimicrobial Resistance Determinants among Extended-Spectrum-Cephalosporin-Resistant or Carbapenem-Resistant <i>Escherichia coli</i> Isolates from Rivers and Sewage Treatment Plants in India. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 2972-2980.	3.2	87
3	Rapid identification of <i>Salmonella enterica</i> serovars, Typhimurium, Choleraesuis, Infantis, Hadar, Enteritidis, Dublin and Gallinarum, by multiplex PCR. <i>Journal of Microbiological Methods</i> , 2011, 85, 9-15.	1.6	79
4	Impact of wastewater from different sources on the prevalence of antimicrobial-resistant <i>Escherichia coli</i> in sewage treatment plants in South India. <i>Ecotoxicology and Environmental Safety</i> , 2015, 115, 203-208.	6.0	65
5	Removal rates of antibiotics in four sewage treatment plants in South India. <i>Environmental Science and Pollution Research</i> , 2016, 23, 8679-8685.	5.3	57
6	Molecular Typing and Epidemiological Study of <i>Salmonella enterica</i> Serotype Typhimurium Isolates from Cattle by Fluorescent Amplified-Fragment Length Polymorphism Fingerprinting and Pulsed-Field Gel Electrophoresis. <i>Journal of Clinical Microbiology</i> , 2001, 39, 1057-1066.	3.9	56
7	The <i>artAB</i> genes encode a putative ADP-ribosyltransferase toxin homologue associated with <i>Salmonella enterica</i> serovar Typhimurium DT104. <i>Microbiology (United Kingdom)</i> , 2005, 151, 3089-3096.	1.8	49
8	Insertion sequence-excision enhancer removes transposable elements from bacterial genomes and induces various genomic deletions. <i>Nature Communications</i> , 2011, 2, 152.	12.8	45
9	Emergence of a Multidrug-Resistant Shiga Toxin-Producing Enterotoxigenic <i>Escherichia coli</i> Lineage in Diseased Swine in Japan. <i>Journal of Clinical Microbiology</i> , 2016, 54, 1074-1081.	3.9	43
10	Characteristics of <i>Salmonella enterica</i> Serovar 4,[5],12:i:- as a Monophasic Variant of Serovar Typhimurium. <i>PLoS ONE</i> , 2014, 9, e104380.	2.5	41
11	Spatio-temporal distribution, source, and genotoxic potential of polycyclic aromatic hydrocarbons in estuarine and riverine sediments from southern India. <i>Ecotoxicology and Environmental Safety</i> , 2016, 130, 113-123.	6.0	39
12	Phylogenetic Characterization of <i>Salmonella enterica</i> Serovar Typhimurium and Its Monophasic Variant Isolated from Food Animals in Japan Revealed Replacement of Major Epidemic Clones in the Last 4 Decades. <i>Journal of Clinical Microbiology</i> , 2018, 56, .	3.9	38
13	Characterization of <i>Salmonella enterica</i> Serovar Typhimurium Isolates Harboring a Chromosomally Encoded CMY-2 β -Lactamase Gene Located on a Multidrug Resistance Genomic Island. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4114-4121.	3.2	37
14	<i>Salmonella</i> Genomic Island 3 Is an Integrative and Conjugative Element and Contributes to Copper and Arsenic Tolerance of <i>Salmonella enterica</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	35
15	<i>Salmonella enterica</i> serotype Typhimurium DT104 ArtA-dependent modification of pertussis toxin-sensitive G proteins in the presence of [32P]NAD. <i>Microbiology (United Kingdom)</i> , 2009, 155, 3710-3718.	1.8	25
16	Occurrence of antimicrobial-resistant <i>Escherichia coli</i> in sewage treatment plants of South India. <i>Journal of Water Sanitation and Hygiene for Development</i> , 2020, 10, 48-55.	1.8	23
17	Comparison of <i>Salmonella enterica</i> serovar Abortusequi isolates of equine origin by pulsed-field gel electrophoresis and fluorescent amplified-fragment length polymorphism fingerprinting. <i>Veterinary Microbiology</i> , 2003, 92, 379-388.	1.9	22
18	Molecular typing of <i>Salmonella enterica</i> serotype Typhimurium and serotype 4,5,12:i:- isolates from cattle by multiple-locus variable-number tandem-repeats analysis. <i>Veterinary Microbiology</i> , 2012, 160, 264-268.	1.9	22

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19	Effects of Lipooligosaccharide Inner Core Truncation on Bile Resistance and Chick Colonization by <i>Campylobacter jejuni</i> . <i>PLoS ONE</i> , 2013, 8, e56900.	2.5	21
20	Molecular Epidemiology of <i>Salmonella enterica</i> Serovar Typhimurium Isolates from Cattle in Hokkaido, Japan: Evidence of Clonal Replacement and Characterization of the Disseminated Clone. <i>Applied and Environmental Microbiology</i> , 2011, 77, 1739-1750.	3.1	18
21	Molecular and Phenotypic Characteristics of <i>Salmonella enterica</i> Serovar 4,5,12:i:- Isolated from Cattle and Humans in Iwate Prefecture, Japan. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 241-244.	0.9	17
22	Lineage-Specific Distribution of Insertion Sequence Excision Enhancer in Enterotoxigenic <i>Escherichia coli</i> Isolated from Swine. <i>Applied and Environmental Microbiology</i> , 2014, 80, 1394-1402.	3.1	15
23	Changes in antimicrobial susceptibility in a population of <i>Salmonella enterica</i> serovar Dublin isolated from cattle in Japan from 1976 to 2005. <i>Journal of Antimicrobial Chemotherapy</i> , 2007, 60, 1235-1242.	3.0	13
24	Molecular and Phenotypic Characteristics of CMY-2 β -Lactamase-Producing <i>Salmonella enterica</i> Serovar Typhimurium Isolated from Cattle in Japan. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 345-349.	0.9	13
25	Complete Nucleotide Sequences of Virulence-Resistance Plasmids Carried by Emerging Multidrug-Resistant <i>Salmonella enterica</i> Serovar Typhimurium Isolated from Cattle in Hokkaido, Japan. <i>PLoS ONE</i> , 2013, 8, e77644.	2.5	12
26	Peptidoglycan Acetylation of <i>Campylobacter jejuni</i> Is Essential for Maintaining Cell Wall Integrity and Colonization in Chicken Intestines. <i>Applied and Environmental Microbiology</i> , 2016, 82, 6284-6290.	3.1	11
27	The association between antimicrobials and the antimicrobial-resistant phenotypes and resistance genes of <i>Escherichia coli</i> isolated from hospital wastewaters and adjacent surface waters in Sri Lanka. <i>Chemosphere</i> , 2021, 279, 130591.	8.2	11
28	Detection and characterization of variant <i>Salmonella</i> genomic island 1s from <i>Salmonella</i> Derby isolates. <i>Japanese Journal of Infectious Diseases</i> , 2006, 59, 341-5.	1.2	11
29	A survey of antimicrobial resistance in <i>Escherichia coli</i> isolated from wild sika deer (<i>Cervus nippon</i>) in Japan. <i>Journal of Veterinary Medical Science</i> , 2021, 83, 754-758.	0.9	9
30	Identification of a Recently Dominant Sublineage in <i>Salmonella</i> 4,[5],12:i:- Sequence Type 34 Isolated From Food Animals in Japan. <i>Frontiers in Microbiology</i> , 2021, 12, 690947.	3.5	6
31	Source-Related Effects of Wastewater on Transcription Factor (AhR, CAR and PXR)-Mediated Induction of Gene Expression in Cultured Rat Hepatocytes and Their Association with the Prevalence of Antimicrobial-Resistant <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2015, 10, e0138391.	2.5	5
32	<i>In vivo</i> effect of a TLR5 SNP (C1205T) on <i>Salmonella enterica</i> serovar Typhimurium infection in weaned, specific pathogen-free Landrace piglets. <i>Microbiology and Immunology</i> , 2018, 62, 380-387.	1.4	5
33	Influence of SOS-inducing agents on the expression of ArtAB toxin gene in <i>Salmonella enterica</i> and <i>Salmonella bongori</i> . <i>Microbiology (United Kingdom)</i> , 2020, 166, 785-793.	1.8	5
34	Seasonal movement of trace-element discharge in a typical south-Indian suburban community. <i>Water Science and Technology</i> , 2018, 77, 1035-1047.	2.5	4
35	Duplication of blaCTX-M-1 and a class 1 integron on the chromosome enhances antimicrobial resistance in <i>Escherichia coli</i> isolated from racehorses in Japan. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 27, 225-227.	2.2	4
36	The Importance of a 95-kb Virulence Plasmid in the Pathogenicity of <i>Salmonella Abortusequi</i> in Horses. <i>Journal of Equine Science</i> , 2005, 16, 111-116.	0.8	3

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37	Antimicrobial resistance of <i>Salmonella enterica</i> serovar Typhimurium isolated from cattle in Japan. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2008, 25, 1076-1079.	2.3	1
38	Whole-Genome Sequence of CMY-2 β -Lactamase-Producing <i>Salmonella enterica</i> Serovar Typhimurium Strain L-3553. Genome Announcements, 2014, 2, .	0.8	1
39	Transcriptomic analysis of <i>Campylobacter jejuni</i> grown in a medium containing serine as the main energy source. Archives of Microbiology, 2019, 201, 571-579.	2.2	1
40	Comparative Analysis of Pathogenic <i>Escherichia coli</i> Isolated from Diseased Swine in Ibaraki Prefecture, Japan: Analysis of the Most Prevalent Serogroup O116. Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association, 2017, 70, 643-649.	0.1	1
41	Microplate Agglutination Test for Serological Diagnosis of Equine Paratyphoid. Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association, 2019, 72, 210-214.	0.1	0
42	Molecular Epidemiology of <i>Campylobacter fetus</i> Isolates from Cattle in the Tokachi Area of Hokkaido, Japan. Nippon Juishikai Zasshi Journal of the Japan Veterinary Medical Association, 2019, 72, 750-756.	0.1	0