

Tadashi Shimamoto

List of Publications by Year in descending order

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96
papers

2,729
citations

172457

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214800

47
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98
docs citations

98
times ranked

2859
citing authors

#	ARTICLE	IF	CITATIONS
1	Zoo Animals as Reservoirs of Gram-Negative Bacteria Harboring Integrons and Antimicrobial Resistance Genes. <i>Applied and Environmental Microbiology</i> , 2007, 73, 6686-6690.	3.1	163
2	Isolation and molecular characterization of <i>Salmonella enterica</i> , <i>Escherichia coli</i> O157:H7 and <i>Shigella</i> spp. from meat and dairy products in Egypt. <i>International Journal of Food Microbiology</i> , 2014, 168-169, 57-62.	4.7	102
3	Occurrence and characteristics of methicillin-resistant and -susceptible <i>Staphylococcus aureus</i> and methicillin-resistant coagulase-negative staphylococci from Japanese retail ready-to-eat raw fish. <i>International Journal of Food Microbiology</i> , 2012, 156, 286-289.	4.7	96
4	Molecular characterization of multidrug-resistant avian pathogenic <i>Escherichia coli</i> isolated from septicemic broilers. <i>International Journal of Medical Microbiology</i> , 2013, 303, 475-483.	3.6	90
5	Genetic characterization of multidrug resistance in <i>Shigella</i> spp. from Japan. <i>Journal of Medical Microbiology</i> , 2006, 55, 1685-1691.	1.8	89
6	Emergence of Plasmid-Mediated Colistin Resistance Genemcr-1 in a Clinical <i>Escherichia coli</i> Isolate from Egypt. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3249-3250.	3.2	89
7	<i>Proteus mirabilis</i> clinical isolate harbouring a new variant of <i>Salmonella</i> genomic island 1 containing the multiple antibiotic resistance region. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 59, 184-190.	3.0	79
8	Molecular Analysis of Antimicrobial Resistance in Gram-Negative Bacteria Isolated from Fish Farms in Egypt. <i>Journal of Veterinary Medical Science</i> , 2010, 72, 727-734.	0.9	79
9	Prevalence, antibiotic resistance and virulence of <i>Enterococcus</i> spp. in Egyptian fresh raw milk cheese. <i>Food Control</i> , 2015, 50, 815-820.	5.5	69
10	Molecular analysis of multidrug resistance in Shiga toxin-producing <i>Escherichia coli</i> O157:H7 isolated from meat and dairy products. <i>International Journal of Food Microbiology</i> , 2015, 193, 68-73.	4.7	66
11	Molecular characterization of integrons in non-typhoid <i>Salmonella</i> serovars isolated in Japan: description of an unusual class 2 integron. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 55, 371-374.	3.0	65
12	A variant type of <i>Vibrio cholerae</i> SXT element in a multidrug-resistant strain of <i>Vibrio fluvialis</i> . <i>FEMS Microbiology Letters</i> , 2005, 242, 241-247.	1.8	64
13	Isolation and Molecular Characterization of Multidrug-Resistant Strains of <i>Escherichia coli</i> and <i>Salmonella</i> from Retail Chicken Meat in Japan. <i>Journal of Food Science</i> , 2009, 74, M405-10.	3.1	62
14	Characterisation of the plasmid-mediated colistin resistance gene mcr-1 in <i>Escherichia coli</i> isolated from animals in Egypt. <i>International Journal of Antimicrobial Agents</i> , 2016, 47, 413-414.	2.5	58
15	Properties of a Na ⁺ -coupled serine-threonine transport system in <i>Escherichia coli</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1987, 905, 231-239.	2.6	56
16	Characterization of integrons and resistance genes in multidrug-resistant <i>Salmonella enterica</i> isolated from meat and dairy products in Egypt. <i>International Journal of Food Microbiology</i> , 2014, 189, 39-44.	4.7	55
17	New aminoglycoside acetyltransferase gene, aac(3)-I _d , in a class 1 integron from a multiresistant strain of <i>Vibrio fluvialis</i> isolated from an infant aged 6 months. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 53, 947-951.	3.0	48
18	Genetic characterization of antibiotic resistance and virulence factors in <i>Enterococcus</i> spp. from Japanese retail ready-to-eat raw fish. <i>Food Microbiology</i> , 2014, 38, 62-66.	4.2	48

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19	High Carbapenem Resistance in Clinical Gram-Negative Pathogens Isolated in Egypt. <i>Microbial Drug Resistance</i> , 2017, 23, 838-844.	2.0	48
20	Molecular characterization of antimicrobial resistance in Gram-negative bacteria isolated from bovine mastitis in Egypt. <i>Microbiology and Immunology</i> , 2011, 55, 318-327.	1.4	45
21	Molecular characterization of multidrug-resistant <i>Shigella</i> spp. of food origin. <i>International Journal of Food Microbiology</i> , 2015, 194, 78-82.	4.7	43
22	Genetic basis of multidrug resistance in <i>Salmonella enterica</i> serovars Enteritidis and Typhimurium isolated from diarrheic calves in Egypt. <i>Acta Tropica</i> , 2009, 111, 144-149.	2.0	41
23	The Formation of the 2'-5'-Phosphodiester Linkage in the cDNA Priming Reaction by Bacterial Reverse Transcriptase in a Cell-free System. <i>Journal of Biological Chemistry</i> , 1995, 270, 581-588.	3.4	40
24	Molecular characterization of antimicrobial resistance in <i>Salmonella</i> isolated from animals in Japan. <i>Journal of Applied Microbiology</i> , 2009, 106, 402-409.	3.1	39
25	High Prevalence of Antimicrobial Resistance in Gram-Negative Bacteria Isolated from Clinical Settings in Egypt: Recalling for Judicious Use of Conventional Antimicrobials in Developing Nations. <i>Microbial Drug Resistance</i> , 2019, 25, 371-385.	2.0	37
26	Purification and analysis of the structure of Î±-galactosidase from <i>Escherichiacoli</i> . <i>Biochemical and Biophysical Research Communications</i> , 1988, 151, 236-241.	2.1	36
27	Genetic analysis of antimicrobial resistance in <i>Escherichia coli</i> isolated from diarrheic neonatal calves. <i>Veterinary Microbiology</i> , 2009, 136, 397-402.	1.9	36
28	Antimicrobial Effects of Blueberry, Raspberry, and Strawberry Aqueous Extracts and their Effects on Virulence Gene Expression in <i>Vibrio cholerae</i> . <i>Phytotherapy Research</i> , 2015, 29, 1791-1797.	5.8	35
29	Antiviral Effects of Persimmon Extract on Human Norovirus and Its Surrogate, Bacteriophage MS2. <i>Journal of Food Science</i> , 2014, 79, M941-6.	3.1	34
30	Emergence of a Multidrug-Resistant <i>Enterobacter hormaechei</i> Clinical Isolate from Egypt Co-Harboring <i>mcr-9</i> and <i>blaVIM-4</i> . <i>Microorganisms</i> , 2020, 8, 595.	3.6	32
31	Characterization of a novel L-serine transport system in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1988, 170, 2236-2239.	2.2	31
32	Genetic analysis of multiple antimicrobial resistance in <i>Salmonella</i> isolated from diseased broilers in Egypt. <i>Microbiology and Immunology</i> , 2012, 56, 254-261.	1.4	30
33	NDM-4- and NDM-5-Producing <i>Klebsiella pneumoniae</i> Coinfection in a 6-Month-Old Infant. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 4416-4417.	3.2	29
34	The first characterization of extended-spectrum ð-lactamase-producing <i>Salmonella</i> in Japan. <i>Journal of Antimicrobial Chemotherapy</i> , 2004, 54, 283-284.	3.0	27
35	Towards a compatible probiotic-antibiotic combination therapy: assessment of antimicrobial resistance in the Japanese probiotics. <i>Journal of Applied Microbiology</i> , 2010, 109, 1349-1360.	3.1	27
36	Emergence of a cefepime- and ceftiofame-resistant <i>Citrobacter freundii</i> clinical isolate harbouring a novel chromosomally encoded AmpC ð-lactamase, CMY-37. <i>International Journal of Antimicrobial Agents</i> , 2008, 32, 256-261.	2.5	25

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37	A plasmid-encoded class 1 integron carrying sat, a putative phosphoserine phosphatase gene and aadA2 from enterotoxigenic <i>Escherichia coli</i> O159 isolated in Japan. <i>FEMS Microbiology Letters</i> , 2004, 235, 243-248.	1.8	24
38	Characterization of integrons and antimicrobial resistance genes in clinical isolates of Gram-negative bacteria from Palestinian hospitals. <i>Microbiology and Immunology</i> , 2009, 53, 595-602.	1.4	24
39	Value of Heptyl- β -D-Thioglucoiside, a New Nonionic Detergent, in Studies on Membrane Proteins. <i>Journal of Biochemistry</i> , 1985, 97, 1807-1810.	1.7	23
40	Cloning and Nucleotide Sequence of the Gene (citA) Encoding a Citrate Carrier from <i>Salmonella typhimurium</i> 1. <i>Journal of Biochemistry</i> , 1991, 110, 22-28.	1.7	23
41	Sequence Analysis of nutA Gene Encoding Membrane-Bound Cl ⁻ -Dependent 5'-Nucleotidase of <i>Vibrio parahaemolyticus</i> 1. <i>Journal of Biochemistry</i> , 1991, 109, 24-29.	1.7	22
42	Prevalence and Molecular Characterization of Ampicillin-Resistant Enterobacteriaceae Isolated from Traditional Egyptian Domiat Cheese. <i>Journal of Food Protection</i> , 2009, 72, 624-630.	1.7	22
43	Emergence of an NDM-5-producing clinical <i>Escherichia coli</i> isolate in Egypt. <i>International Journal of Infectious Diseases</i> , 2016, 48, 46-48.	3.3	22
44	Systemic method to isolate large bacteriophages for use in biocontrol of a wide-range of pathogenic bacteria. <i>Journal of Bioscience and Bioengineering</i> , 2019, 127, 73-78.	2.2	22
45	Genetic analysis of carbapenemase-producing Gram-negative bacteria isolated from a university teaching hospital in Egypt. <i>Infection, Genetics and Evolution</i> , 2020, 77, 104065.	2.3	22
46	Coproduction of Tet(X7) Conferring High-Level Tigecycline Resistance, Fosfomycin FosA4, and Colistin Mcr-1.1 in <i>Escherichia coli</i> Strains from Chickens in Egypt. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	22
47	Molecular characterization of a multidrug-resistant strain of enteroinvasive <i>Escherichia coli</i> O164 isolated in Japan. <i>Journal of Medical Microbiology</i> , 2005, 54, 273-278.	1.8	21
48	First Genomic Characterization of bla _{VIM} -1 and mcr-9-Coharboursing <i>Enterobacter hormaechei</i> Isolated from Food of Animal Origin. <i>Pathogens</i> , 2020, 9, 687.	2.8	21
49	Primary structure and properties of the Na ⁺ /glucose symporter (Sg1S) of <i>Vibrio parahaemolyticus</i> . <i>Journal of Bacteriology</i> , 1997, 179, 1805-1808.	2.2	19
50	Draft genome sequence of an mcr-1/IncI2-carrying multidrug-resistant <i>Escherichia coli</i> B1:ST101 isolated from meat and meat products in Egypt. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 20, 41-42.	2.2	19
51	The role of ribonuclease H in multicopy single-stranded DNA synthesis in retron-Ec73 and retron-Ec107 of <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 1995, 177, 264-267.	2.2	18
52	First Characterization and Emergence of SHV-60 in Raw Milk of a Healthy Cow in Japan. <i>Journal of Veterinary Medical Science</i> , 2008, 70, 1269-1272.	0.9	18
53	Class 2 integrons in <i>Vibrio cholerae</i> . <i>Journal of Medical Microbiology</i> , 2006, 55, 643-644.	1.8	17
54	msDNA-St85, a multicopy single-stranded DNA isolated from <i>Salmonella enterica</i> serovar Typhimurium LT2 with the genomic analysis of its retron. <i>FEMS Microbiology Letters</i> , 2003, 224, 291-297.	1.8	16

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55	First report in Africa of two clinical isolates of <i>Proteus mirabilis</i> carrying <i>Salmonella</i> genomic island (SGI1) variants, SGI1-Pm ABB and SGI1-W. <i>Infection, Genetics and Evolution</i> , 2017, 51, 132-137.	2.3	16
56	Emergence of <i>Salmonella</i> Genomic Island 1 Variant SGI1-W in a Clinical Isolate of <i>Providencia stuartii</i> from Egypt. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	15
57	A melibiose transporter and an operon containing its gene in <i>Enterobacter cloacae</i> . <i>Journal of Bacteriology</i> , 1997, 179, 4443-4445.	2.2	14
58	A retroelement in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , 1999, 34, 631-632.	2.5	14
59	Genetic Characterization of Carbapenemase-Producing <i>Enterobacter cloacae</i> Complex and <i>Pseudomonas aeruginosa</i> of Food of Animal Origin from Egypt. <i>Microbial Drug Resistance</i> , 2021, 27, 196-203.	2.0	14
60	Vegetable-Derived Carbapenemase-Producing High-Risk <i>Klebsiella pneumoniae</i> ST15 and <i>Acinetobacter baumannii</i> ST2 Clones in Japan: Coexistence of <i>bla</i> _{NDM-1} , <i>bla</i> _{OXA-66} , <i>bla</i> _{OXA-72} , and an <i>AbaR4</i> -Like Resistance Island in the Same Sample. <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	14
61	Purification and Characterization of Membrane-Bound 5'-Nucleotidase of <i>Vibrio parahaemolyticus</i> 1. <i>Journal of Biochemistry</i> , 1989, 105, 785-789.	1.7	13
62	First Report of Foodborne <i>Klebsiella pneumoniae</i> Coharboring <i>bla</i> VIM-1 , <i>bla</i> NDM-1 , and <i>mcr-9</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	13
63	A Putative Amidase Endolysin Encoded by <i>Clostridium perfringens</i> St13 Exhibits Specific Lytic Activity and Synergizes with the Muramidase Endolysin Psm. <i>Antibiotics</i> , 2021, 10, 245.	3.7	13
64	Genomic analysis of a multidrug-resistant strain of enterohaemorrhagic <i>Escherichia coli</i> O157 : H7 causing a family outbreak in Japan. <i>Journal of Medical Microbiology</i> , 2005, 54, 867-872.	1.8	12
65	High Prevalence of ESBL and Plasmid-Mediated Quinolone Resistance Genes in <i>Salmonella enterica</i> Isolated from Retail Meats and Slaughterhouses in Egypt. <i>Antibiotics</i> , 2021, 10, 881.	3.7	12
66	Prevalence of extended-spectrum β -lactamase (ESBL)-producing <i>Salmonella enterica</i> from retail fishes in Egypt: A major threat to public health. <i>International Journal of Food Microbiology</i> , 2021, 351, 109268.	4.7	10
67	A plasmid-encoded class 1 integron carrying <i>sat</i> , a putative phosphoserine phosphatase gene and <i>aadA2</i> from enterotoxigenic <i>Escherichia coli</i> O159 isolated in Japan. <i>FEMS Microbiology Letters</i> , 2004, 235, 243-248.	1.8	10
68	Nucleotide sequence of the promoter region of the melibiose operon of. <i>Biochemical and Biophysical Research Communications</i> , 1984, 121, 41-46.	2.1	9
69	Cloning and Expression of the 5'-Nucleotidase Gene of <i>Vibrio parahaemolyticus</i> in <i>Escherichia coli</i> and Overproduction of the Enzyme1. <i>Journal of Biochemistry</i> , 1989, 105, 841-846.	1.7	9
70	Isolation and molecular characterization of multidrug-resistant Gram-negative bacteria from imported flamingos in Japan. <i>Acta Veterinaria Scandinavica</i> , 2009, 51, 46.	1.6	9
71	Genetic characterisation of NDM-1 and NDM-5-producing <i>Enterobacterales</i> from retail chicken meat in Egypt. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 23, 70-71.	2.2	9
72	Characteristics of the melibiose transporter and its primary structure in <i>Enterobacter aerogenes</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1997, 1326, 83-91.	2.6	8

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73	Sequence of a melibiose transporter gene of <i>Enterobacter cloacae</i> . <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1997, 1354, 7-12.	2.4	8
74	Two novel retron elements are replaced with retron-Vc95 in <i>Vibrio cholerae</i> . <i>Microbiology and Immunology</i> , 2011, 55, 510-513.	1.4	8
75	Emergence of <i>Salmonella</i> Genomic Island 1 Variant SGI1-C in a Multidrug-Resistant Clinical Isolate of <i>Klebsiella pneumoniae</i> ST485 from Egypt. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	8
76	In Vitro Synthesis of Multicopy Single-Stranded DNA, Using Separate Primer and Template RNAs, by <i>Escherichia coli</i> Reverse Transcriptase. <i>Journal of Bacteriology</i> , 1998, 180, 2999-3002.	2.2	8
77	Seafood as a Reservoir of Gram-negative Bacteria Carrying Integrons and Antimicrobial Resistance Genes in Japan. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 924-7.	0.2	8
78	Mutational Analysis of the CitA Citrate Transporter from <i>Salmonella typhimurium</i> : Altered Substrate Specificity. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 481-487.	2.1	7
79	Conversion of Temperature-sensitive to -resistant Gene Expression Due to Mutations in the Promoter Region of the Melibiose Operon in <i>Escherichia coli</i> . <i>Journal of Biological Chemistry</i> , 1998, 273, 16860-16864.	3.4	7
80	A Cryptic Melibiose Transporter Gene Possessing a Frameshift from <i>Citrobacter freundii</i> . <i>Journal of Biochemistry</i> , 2001, 129, 607-613.	1.7	7
81	Molecular and Phenotypic Analysis of Hemolytic <i>Aeromonas</i> Strains Isolated from Food in Egypt Revealed Clinically Important Multidrug Resistance and Virulence Profiles. <i>Journal of Food Protection</i> , 2018, 81, 1015-1021.	1.7	7
82	Draft genome sequence of a blaNDM-1- and blaOXA-244-carrying multidrug-resistant <i>Escherichia coli</i> D-ST69 clinical isolate from Egypt. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 832-834.	2.2	7
83	Loads of Coliforms and Fecal Coliforms and Characterization of Thermotolerant <i>Escherichia coli</i> in Fresh Raw Milk Cheese. <i>Foods</i> , 2022, 11, 332.	4.3	7
84	Inhibition of Melibiose Transporter by Amiloride in <i>Escherichia coli</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 147-149.	2.1	5
85	Complex Formation between a Putative 66-Residue Thumb Domain of Bacterial Reverse Transcriptase RT-Ec86 and the Primer Recognition RNA. <i>Journal of Biological Chemistry</i> , 2004, 279, 50735-50742.	3.4	5
86	Occurrence of <i>Salmonella</i> genomic island 1 (SGI1) in two African <i>Proteus mirabilis</i> strains isolated from diseased chicken flocks. <i>Infection, Genetics and Evolution</i> , 2018, 62, 8-10.	2.3	5
87	Toxicogenic Potential of <i>Bacillus cereus</i> Strains Isolated from Retail Dairy Products in Egypt. <i>Foodborne Pathogens and Disease</i> , 2021, 18, 655-660.	1.8	5
88	Comparative Study of different msDNA (multicopy single-stranded DNA) structures and phylogenetic comparison of reverse transcriptases (RTs): evidence for vertical inheritance. <i>Bioinformatics</i> , 2011, 7, 176-179.	0.5	5
89	Transcriptional Attenuation and Differential mRNA Stability in the Regulation of the <i>Escherichia coli</i> Melibiose Operon1. <i>Journal of Biochemistry</i> , 1994, 115, 1185-1189.	1.7	4
90	Asymptomatic Intramammary Infection with Multidrug-Resistant Gram-Negative Bacteria in a Research Dairy Farm: Incidence and Genetic Basis of Resistance. <i>Journal of Veterinary Medical Science</i> , 2011, 73, 1089-1092.	0.9	4

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91	A novel retron of <i>Vibrio parahaemolyticus</i> is closely related to retron-Vc95 of <i>Vibrio cholerae</i> . <i>Journal of Microbiology</i> , 2013, 51, 323-328.	2.8	4
92	Occurrence, Phenotypic and Molecular Characteristics of Vancomycin-Resistant Enterococci Isolated from Retail Raw Milk in Egypt. <i>Foodborne Pathogens and Disease</i> , 2022, 19, 192-198.	1.8	3
93	Characterization of a multidrug-resistant isolate of <i>Salmonella Paratyphi B</i> from Japan. <i>Journal of Antimicrobial Chemotherapy</i> , 2005, 56, 250-250a.	3.0	2
94	A Novel msDNA (Multicopy Single-Stranded DNA) Strain Present in <i>Yersinia frederiksenii</i> ATCC 33641 Contig01029 Enteropathogenic Bacteria with the Genomic Analysis of Its Retron. <i>Journal of Pathogens</i> , 2011, 2011, 1-6.	1.4	1
95	Emergence of a novel β -lactamase in food of animal origin: characterization of SHV-111, from a cheese isolate of <i>Klebsiella pneumoniae</i> , with an amino acid substitution in a strictly conserved position (P174S) in the Ω -loop. <i>Journal of Medical Microbiology</i> , 2017, 66, 96-97.	1.8	1
96	<i>In vivo</i> Production of Oligodeoxyribonucleotides of Specific Sequences: Application to Antisense DNA. <i>Novartis Foundation Symposium</i> , 1997, 209, 224-234.	1.1	1