

# Tadashi Shimamoto

## List of Publications by Citations

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95  
papers

2,089  
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26  
h-index

40  
g-index

98  
ext. papers

2,413  
ext. citations

3.9  
avg, IF

5.06  
L-index

#	Paper	IF	Citations
95	Zoo animals as reservoirs of gram-negative bacteria harboring integrons and antimicrobial resistance genes. <i>Applied and Environmental Microbiology</i> , <b>2007</b> , 73, 6686-90	4.8	122
94	Emergence of Plasmid-Mediated Colistin Resistance Gene mcr-1 in a Clinical Escherichia coli Isolate from Egypt. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 3249-50	5.9	78
93	Occurrence and characteristics of methicillin-resistant and -susceptible Staphylococcus aureus and methicillin-resistant coagulase-negative staphylococci from Japanese retail ready-to-eat raw fish. <i>International Journal of Food Microbiology</i> , <b>2012</b> , 156, 286-9	5.8	76
92	Molecular characterization of multidrug-resistant avian pathogenic Escherichia coli isolated from septicemic broilers. <i>International Journal of Medical Microbiology</i> , <b>2013</b> , 303, 475-83	3.7	72
91	Genetic characterization of multidrug resistance in Shigella spp. from Japan. <i>Journal of Medical Microbiology</i> , <b>2006</b> , 55, 1685-1691	3.2	72
90	Isolation and molecular characterization of Salmonella enterica, Escherichia coli O157:H7 and Shigella spp. from meat and dairy products in Egypt. <i>International Journal of Food Microbiology</i> , <b>2014</b> , 168-169, 57-62	5.8	67
89	Proteus mirabilis clinical isolate harbouring a new variant of Salmonella genomic island 1 containing the multiple antibiotic resistance region. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2007</b> , 59, 184-90	5.1	63
88	A variant type of Vibrio cholerae SXT element in a multidrug-resistant strain of Vibrio fluvialis. <i>FEMS Microbiology Letters</i> , <b>2005</b> , 242, 241-7	2.9	58
87	Molecular analysis of antimicrobial resistance in gram-negative bacteria isolated from fish farms in Egypt. <i>Journal of Veterinary Medical Science</i> , <b>2010</b> , 72, 727-34	1.1	57
86	Prevalence, antibiotic resistance and virulence of Enterococcus spp. in Egyptian fresh raw milk cheese. <i>Food Control</i> , <b>2015</b> , 50, 815-820	6.2	55
85	Molecular characterization of integrons in non-typhoid Salmonella serovars isolated in Japan: description of an unusual class 2 integron. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2005</b> , 55, 371-4	5.1	54
84	Properties of a Na <sup>+</sup> -coupled serine-threonine transport system in Escherichia coli. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1987</b> , 905, 231-9	3.8	48
83	Molecular analysis of multidrug resistance in Shiga toxin-producing Escherichia coli O157:H7 isolated from meat and dairy products. <i>International Journal of Food Microbiology</i> , <b>2015</b> , 193, 68-73	5.8	47
82	Isolation and molecular characterization of multidrug-resistant strains of Escherichia coli and Salmonella from retail chicken meat in Japan. <i>Journal of Food Science</i> , <b>2009</b> , 74, M405-10	3.4	46
81	Characterisation of the plasmid-mediated colistin resistance gene mcr-1 in Escherichia coli isolated from animals in Egypt. <i>International Journal of Antimicrobial Agents</i> , <b>2016</b> , 47, 413-4	14.3	45
80	Characterization of integrons and resistance genes in multidrug-resistant Salmonella enterica isolated from meat and dairy products in Egypt. <i>International Journal of Food Microbiology</i> , <b>2014</b> , 189, 39-44	5.8	43
79	High Carbapenem Resistance in Clinical Gram-Negative Pathogens Isolated in Egypt. <i>Microbial Drug Resistance</i> , <b>2017</b> , 23, 838-844	2.9	38

78	New aminoglycoside acetyltransferase gene, aac(3)-Id, 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> , <b>2004</b> , 53, 947-51	5.1	38
77	Molecular characterization of antimicrobial resistance in Gram-negative bacteria isolated from bovine mastitis in Egypt. <i>Microbiology and Immunology</i> , <b>2011</b> , 55, 318-27	2.7	36
76	Molecular characterization of antimicrobial resistance in <i>Salmonella</i> isolated from animals in Japan. <i>Journal of Applied Microbiology</i> , <b>2009</b> , 106, 402-9	4.7	34
75	Genetic basis of multidrug resistance in <i>Salmonella enterica</i> serovars Enteritidis and Typhimurium isolated from diarrheic calves in Egypt. <i>Acta Tropica</i> , <b>2009</b> , 111, 144-9	3.2	34
74	Purification and analysis of the structure of alpha-galactosidase from <i>Escherichia coli</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 151, 236-41	3.4	32
73	Molecular characterization of multidrug-resistant <i>Shigella</i> spp. of food origin. <i>International Journal of Food Microbiology</i> , <b>2015</b> , 194, 78-82	5.8	31
72	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> , <b>2014</b> , 38, 62-6	6	31
71	The formation of the 2R5Rphosphodiester linkage in the cDNA priming reaction by bacterial reverse transcriptase in a cell-free system. <i>Journal of Biological Chemistry</i> , <b>1995</b> , 270, 581-8	5.4	31
70	Genetic analysis of antimicrobial resistance in <i>Escherichia coli</i> isolated from diarrheic neonatal calves. <i>Veterinary Microbiology</i> , <b>2009</b> , 136, 397-402	3.3	28
69	NDM-4- and NDM-5-Producing <i>Klebsiella pneumoniae</i> Coinfection in a 6-Month-Old Infant. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2016</b> , 60, 4416-7	5.9	26
68	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> , <b>2015</b> , 29, 1791-7	6.7	25
67	The first characterization of extended-spectrum beta-lactamase-producing <i>Salmonella</i> in Japan. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2004</b> , 54, 283-4	5.1	25
66	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> , <b>2019</b> , 25, 371-385	2.9	24
65	Antiviral effects of persimmon extract on human norovirus and its surrogate, bacteriophage MS2. <i>Journal of Food Science</i> , <b>2014</b> , 79, M941-6	3.4	24
64	Characterization of a novel L-serine transport system in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , <b>1988</b> , 170, 2236-9	3.5	24
63	Genetic analysis of multiple antimicrobial resistance in <i>Salmonella</i> isolated from diseased broilers in Egypt. <i>Microbiology and Immunology</i> , <b>2012</b> , 56, 254-61	2.7	23
62	Towards a compatible probiotic-antibiotic combination therapy: assessment of antimicrobial resistance in the Japanese probiotics. <i>Journal of Applied Microbiology</i> , <b>2010</b> , 109, 1349-60	4.7	23
61	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> , <b>2004</b> , 235, 243-248	2.9	22

60	Characterization of integrons and antimicrobial resistance genes in clinical isolates of Gram-negative bacteria from Palestinian hospitals. <i>Microbiology and Immunology</i> , <b>2009</b> , 53, 595-602	2.7	21
59	Emergence of a cefepime- and ceftazidime-resistant <i>Citrobacter freundii</i> clinical isolate harbouring a novel chromosomally encoded AmpC beta-lactamase, CMY-37. <i>International Journal of Antimicrobial Agents</i> , <b>2008</b> , 32, 256-61	14.3	21
58	Value of heptyl-beta-D-thiogluconide, a new nonionic detergent, in studies on membrane proteins. <i>Journal of Biochemistry</i> , <b>1985</b> , 97, 1807-10	3.1	20
57	Prevalence and molecular characterization of ampicillin-resistant Enterobacteriaceae isolated from traditional Egyptian Domiati cheese. <i>Journal of Food Protection</i> , <b>2009</b> , 72, 624-30	2.5	19
56	Molecular characterization of a multidrug-resistant strain of enteroinvasive <i>Escherichia coli</i> O164 isolated in Japan. <i>Journal of Medical Microbiology</i> , <b>2005</b> , 54, 273-278	3.2	19
55	First characterization and emergence of SHV-60 in raw milk of a healthy cow in Japan. <i>Journal of Veterinary Medical Science</i> , <b>2008</b> , 70, 1269-72	1.1	18
54	Emergence of a Multidrug-Resistant Clinical Isolate from Egypt Co-Harboring and. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	17
53	Primary structure and properties of the Na <sup>+</sup> /glucose symporter (Sg1S) of <i>Vibrio parahaemolyticus</i> . <i>Journal of Bacteriology</i> , <b>1997</b> , 179, 1805-8	3.5	17
52	Class 2 integrons in <i>Vibrio cholerae</i> . <i>Journal of Medical Microbiology</i> , <b>2006</b> , 55, 643-644	3.2	17
51	Cloning and nucleotide sequence of the gene ( <i>citA</i> ) encoding a citrate carrier from <i>Salmonella typhimurium</i> . <i>Journal of Biochemistry</i> , <b>1991</b> , 110, 22-8	3.1	17
50	Sequence analysis of <i>nutA</i> gene encoding membrane-bound Cl(-)-dependent 5Rnucleotidase of <i>Vibrio parahaemolyticus</i> . <i>Journal of Biochemistry</i> , <b>1991</b> , 109, 24-9	3.1	17
49	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> , <b>1995</b> , 177, 264-7	3.5	16
48	Emergence of an NDM-5-producing clinical <i>Escherichia coli</i> isolate in Egypt. <i>International Journal of Infectious Diseases</i> , <b>2016</b> , 48, 46-8	10.5	15
47	A melibiose transporter and an operon containing its gene in <i>Enterobacter cloacae</i> . <i>Journal of Bacteriology</i> , <b>1997</b> , 179, 4443-5	3.5	14
46	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> , <b>2003</b> , 224, 291-7	2.9	14
45	A retroelement in <i>Vibrio cholerae</i> . <i>Molecular Microbiology</i> , <b>1999</b> , 34, 631-2	4.1	14
44	Draft genome sequence of an <i>mcr-1</i> / <i>Incl2</i> -carrying multidrug-resistant <i>Escherichia coli</i> B1:ST101 isolated from meat and meat products in Egypt. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 20, 41-42	3.4	14
43	First report in Africa of two clinical isolates of <i>Proteus mirabilis</i> carrying <i>Salmonella</i> genomic island (SGI1) variants, SGI1-PmABB and SGI1-W. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 51, 132-137	4.5	13

42	First Genomic Characterization of and Coharboring Isolated from Food of Animal Origin. <i>Pathogens</i> , <b>2020</b> , 9,	4.5	13
41	Genomic analysis of a multidrug-resistant strain of enterohaemorrhagic Escherichia coli O157:H7 causing a family outbreak in Japan. <i>Journal of Medical Microbiology</i> , <b>2005</b> , 54, 867-872	3.2	12
40	Purification and characterization of membrane-bound 5Rnucleotidase of Vibrio parahaemolyticus. <i>Journal of Biochemistry</i> , <b>1989</b> , 105, 785-9	3.1	12
39	Emergence of Genomic Island 1 Variant SGI1-W in a Clinical Isolate of Providencia stuartii from Egypt. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2019</b> , 63,	5.9	11
38	Genetic analysis of carbapenemase-producing Gram-negative bacteria isolated from a university teaching hospital in Egypt. <i>Infection, Genetics and Evolution</i> , <b>2020</b> , 77, 104065	4.5	11
37	Systemic method to isolate large bacteriophages for use in biocontrol of a wide-range of pathogenic bacteria. <i>Journal of Bioscience and Bioengineering</i> , <b>2019</b> , 127, 73-78	3.3	9
36	Isolation and molecular characterization of multidrug-resistant Gram-negative bacteria from imported flamingos in Japan. <i>Acta Veterinaria Scandinavica</i> , <b>2009</b> , 51, 46	2	9
35	First Report of Foodborne Klebsiella pneumoniae Coharboring , , and. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 64,	5.9	8
34	Cloning and expression of the 5Rnucleotidase gene of Vibrio parahaemolyticus in Escherichia coli and overproduction of the enzyme. <i>Journal of Biochemistry</i> , <b>1989</b> , 105, 841-6	3.1	8
33	Two novel retron elements are replaced with retron-Vc95 in Vibrio cholerae. <i>Microbiology and Immunology</i> , <b>2011</b> , 55, 510-3	2.7	7
32	Sequence of a melibiose transporter gene of Enterobacter cloacae. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , <b>1997</b> , 1354, 7-12		7
31	A cryptic melibiose transporter gene possessing a frameshift from Citrobacter freundii. <i>Journal of Biochemistry</i> , <b>2001</b> , 129, 607-13	3.1	7
30	Conversion of temperature-sensitive to -resistant gene expression due to mutations in the promoter region of the melibiose operon in Escherichia coli. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 16860-4	5.4	7
29	Genetic Characterization of Carbapenemase-Producing Complex and of Food of Animal Origin from Egypt. <i>Microbial Drug Resistance</i> , <b>2021</b> , 27, 196-203	2.9	7
28	Characteristics of the melibiose transporter and its primary structure in Enterobacter aerogenes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>1997</b> , 1326, 83-91	3.8	6
27	Mutational analysis of the CitA citrate transporter from Salmonella typhimurium: altered substrate specificity. <i>Biochemical and Biophysical Research Communications</i> , <b>1996</b> , 226, 481-7	3.4	6
26	Nucleotide sequence of the promoter region of the melibiose operon of Escherichia coli. <i>Biochemical and Biophysical Research Communications</i> , <b>1984</b> , 121, 41-6	3.4	6
25	In vitro synthesis of multicopy single-stranded DNA, using separate primer and template RNAs, by Escherichia coli reverse transcriptase. <i>Journal of Bacteriology</i> , <b>1998</b> , 180, 2999-3002	3.5	6

24	A plasmid-encoded class 1 integron carrying sat, a putative phosphoserine phosphatase gene and aadA2 from enterotoxigenic Escherichia coli O159 isolated in Japan. <i>FEMS Microbiology Letters</i> , <b>2004</b> , 235, 243-8	2.9	6
23	Seafood as a Reservoir of Gram-negative Bacteria Carrying Integrons and Antimicrobial Resistance Genes in Japan. <i>Biomedical and Environmental Sciences</i> , <b>2015</b> , 28, 924-7	1.1	6
22	Coproduction of Tet(X7) Conferring High-Level Tigecycline Resistance, Fosfomycin FosA4, and Colistin Mcr-1.1 in Escherichia coli Strains from Chickens in Egypt. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2021</b> , 65,	5.9	6
21	Molecular and Phenotypic Analysis of Hemolytic Aeromonas Strains Isolated From Food in Egypt Revealed Clinically Important Multidrug Resistance and Virulence Profiles. <i>Journal of Food Protection</i> , <b>2018</b> , 81, 1015-1021	2.5	6
20	Occurrence of Salmonella genomic island 1 (SGI1) in two African Proteus mirabilis strains isolated from diseased chicken flocks. <i>Infection, Genetics and Evolution</i> , <b>2018</b> , 62, 8-10	4.5	5
19	Inhibition of melibiose transporter by amiloride in Escherichia coli. <i>Biochemical and Biophysical Research Communications</i> , <b>1997</b> , 233, 147-9	3.4	5
18	Comparative Study of different msDNA (multicopy single-stranded DNA) structures and phylogenetic comparison of reverse transcriptases (RTs): evidence for vertical inheritance. <i>Bioinformatics</i> , <b>2011</b> , 7, 176-9	1.1	5
17	A novel retron of Vibrio parahaemolyticus is closely related to retron-Vc95 of Vibrio cholerae. <i>Journal of Microbiology</i> , <b>2013</b> , 51, 323-8	3	4
16	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> , <b>2011</b> , 73, 1089-92	1.1	4
15	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> , <b>2004</b> , 279, 50735-42	5.4	4
14	Transcriptional attenuation and differential mRNA stability in the regulation of the Escherichia coli melibiose operon. <i>Journal of Biochemistry</i> , <b>1994</b> , 115, 1185-9	3.1	4
13	Loads of Coliforms and Fecal Coliforms and Characterization of Thermotolerant in Fresh Raw Milk Cheese.. <i>Foods</i> , <b>2022</b> , 11,	4.9	3
12	Emergence of Genomic Island 1 Variant SGI1-C in a Multidrug-Resistant Clinical Isolate of Klebsiella pneumoniae ST485 from Egypt. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2020</b> , 64,	5.9	3
11	Genetic characterisation of NDM-1 and NDM-5-producing Enterobacterales from retail chicken meat in Egypt. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 23, 70-71	3.4	3
10	Draft genome sequence of a bla- and bla-carrying multidrug-resistant Escherichia coli D-ST69 clinical isolate from Egypt. <i>Journal of Global Antimicrobial Resistance</i> , <b>2020</b> , 22, 832-834	3.4	3
9	A Putative Amidase Endolysin Encoded by St13 Exhibits Specific Lytic Activity and Synergizes with the Muramidase Endolysin Psm. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	3
8	High Prevalence of ESBL and Plasmid-Mediated Quinolone Resistance Genes in Isolated from Retail Meats and Slaughterhouses in Egypt. <i>Antibiotics</i> , <b>2021</b> , 10,	4.9	3
7	Vegetable-Derived Carbapenemase-Producing High-Risk Klebsiella pneumoniae ST15 and Acinetobacter baumannii ST2 Clones in Japan: Coexistence of , , and an AbaR4-Like Resistance Island in the Same Sample. <i>Applied and Environmental Microbiology</i> , <b>2021</b> , 87,	4.8	2

6	Prevalence of extended-spectrum $\beta$ -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> , <b>2021</b> , 351, 109268	5.8	2
5	A Novel msDNA (Multicopy Single-Stranded DNA) Strain Present in <i>Yersinia frederiksenii</i> ATCC 33641 Contig01029 Enteropathogenic Bacteria with the Genomic Analysis of $\text{It}\beta$ Retron. <i>Journal of Pathogens</i> , <b>2011</b> , 2011, 693769	1.9	1
4	Characterization of a multidrug-resistant isolate of <i>Salmonella Paratyphi B</i> from Japan. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2005</b> , 56, 250	5.1	1
3	In vivo production of oligodeoxyribonucleotides of specific sequences: application to antisense DNA. <i>Novartis Foundation Symposium</i> , <b>1997</b> , 209, 224-33; discussion 233-4		1
2	Emergence of a novel $\beta$ -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 $\beta$ -loop. <i>Journal of Medical Microbiology</i> , <b>2017</b> , 66, 96-97	3.2	1
1	Toxigenic Potential of Strains Isolated from Retail Dairy Products in Egypt. <i>Foodborne Pathogens and Disease</i> , <b>2021</b> , 18, 655-660	3.8	0