

Wataru Yamazaki

List of Publications by Year in descending order

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45
papers

1,020
citations

430442

18
h-index

433756

31
g-index

47
all docs

47
docs citations

47
times ranked

1249
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a loop-mediated isothermal amplification assay for sensitive and rapid detection of <i>Vibrio parahaemolyticus</i> . <i>BMC Microbiology</i> , 2008, 8, 163.	1.3	122
2	Development and evaluation of a loop-mediated isothermal amplification assay for rapid and simple detection of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> . <i>Journal of Medical Microbiology</i> , 2008, 57, 444-451.	0.7	79
3	Sensitive and rapid detection of cholera toxin-producing <i>Vibrio cholerae</i> using a loop-mediated isothermal amplification. <i>BMC Microbiology</i> , 2008, 8, 94.	1.3	75
4	Comparison of Loop-Mediated Isothermal Amplification Assay and Conventional Culture Methods for Detection of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> in Naturally Contaminated Chicken Meat Samples. <i>Applied and Environmental Microbiology</i> , 2009, 75, 1597-1603.	1.4	75
5	Distinct <i>Campylobacter fetus</i> lineages adapted as livestock pathogens and human pathobionts in the intestinal microbiota. <i>Nature Communications</i> , 2017, 8, 1367.	5.8	56
6	Development and evaluation of multiplex RT-LAMP assays for rapid and sensitive detection of foot-and-mouth disease virus. <i>Journal of Virological Methods</i> , 2013, 192, 18-24.	1.0	54
7	Development of a Loop-Mediated Isothermal Amplification Assay for Sensitive and Rapid Detection of the <i>tdh</i> and <i>trh</i> Genes of <i>Vibrio parahaemolyticus</i> and Related <i>Vibrio</i> Species. <i>Applied and Environmental Microbiology</i> , 2010, 76, 820-828.	1.4	49
8	Evaluation of a loop-mediated isothermal amplification assay for rapid and simple detection of <i>Vibrio parahaemolyticus</i> in naturally contaminated seafood samples. <i>Food Microbiology</i> , 2011, 28, 1238-1241.	2.1	48
9	Direct detection and characterization of foot-and-mouth disease virus in East Africa using a field-ready real-time PCR platform. <i>Transboundary and Emerging Diseases</i> , 2018, 65, 221-231.	1.3	39
10	Development of a point-of-care test to detect SARS-CoV-2 from saliva which combines a simple RNA extraction method with colorimetric reverse transcription loop-mediated isothermal amplification detection. <i>Journal of Clinical Virology</i> , 2021, 136, 104760.	1.6	37
11	The Mode of Biofilm Formation on Smooth Surfaces by <i>Campylobacter jejuni</i> . <i>Journal of Veterinary Medical Science</i> , 2010, 72, 411-416.	0.3	29
12	Detection of antibodies against <i>Fusobacterium necrophorum</i> and <i>Porphyromonas levii</i> -like species in dairy cattle with papillomatous digital dermatitis. <i>Microbiology and Immunology</i> , 2010, 54, 338-346.	0.7	27
13	Development of a loop-mediated isothermal amplification assay for sensitive and rapid detection of <i>Campylobacter fetus</i> . <i>Veterinary Microbiology</i> , 2009, 136, 393-396.	0.8	26
14	Effect of antibiotic pre-treatment and pathogen challenge on the intestinal microbiota in mice. <i>Gut Pathogens</i> , 2016, 8, 60.	1.6	22
15	An improved loop-mediated isothermal amplification assay for the detection of <i>Mycoplasma bovis</i> . <i>Journal of Veterinary Medical Science</i> , 2016, 78, 1343-1346.	0.3	20
16	<i>Campylobacter</i> and <i>Salmonella</i> are prevalent in broiler farms in Kyushu, Japan: results of a 2-year distribution and circulation dynamics audit. <i>Journal of Applied Microbiology</i> , 2016, 120, 1711-1722.	1.4	19
17	Development of pooled testing system for porcine epidemic diarrhoea using real-time fluorescent reverse-transcription loop-mediated isothermal amplification assay. <i>BMC Veterinary Research</i> , 2018, 14, 172.	0.7	19
18	Clinical and microbiological characteristics of patients with bacteremia caused by <i>Campylobacter</i> species with an emphasis on the subspecies of <i>C. fetus</i> . <i>Journal of Microbiology, Immunology and Infection</i> , 2019, 52, 122-131.	1.5	18

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19	Loop-Mediated Isothermal Amplification (LAMP) for Detection of <i>Campylobacter jejuni</i> and <i>C. coli</i> in Thai Children with Diarrhea. Japanese Journal of Infectious Diseases, 2015, 68, 432-433.	0.5	15
20	Analysis of the IgG Immune Response to <i>Treponema phagedenis</i> -Like Spirochetes in Individual Dairy Cattle with Papillomatous Digital Dermatitis. Vaccine Journal, 2010, 17, 376-383.	3.2	14
21	Sensitive and Rapid Detection of <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> Using Loop-Mediated Isothermal Amplification. Methods in Molecular Biology, 2013, 943, 267-277.	0.4	14
22	Use of Direct LAMP Screening of Broiler Fecal Samples for <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> in the Positive Flock Identification Strategy. Frontiers in Microbiology, 2016, 7, 1582.	1.5	14
23	Rapid, sensitive and effective diagnostic tools for foot-and-mouth disease virus in Africa. Onderstepoort Journal of Veterinary Research, 2014, 81, E1-5.	0.6	12
24	The pathogenic potential of <i>Helicobacter cinaedi</i> isolated from non-human sources: adherence, invasion and translocation ability in polarized intestinal epithelial Caco-2 cells <i>in vitro</i> . Journal of Veterinary Medical Science, 2016, 78, 627-632.	0.3	12
25	Sensitive and Rapid Detection of <i>Campylobacter</i> Species from Stools of Children with Diarrhea in Japan by the Loop-Mediated Isothermal Amplification Method. Japanese Journal of Infectious Diseases, 2014, 67, 374-378.	0.5	11
26	Development of LAMP assays for the molecular detection of taeniid infection in canine in Tibetan rural area. Journal of Veterinary Medical Science, 2017, 79, 1986-1993.	0.3	10
27	Improving the Detection Accuracy and Time for <i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> in Naturally Infected Live and Slaughtered Chicken Broilers Using a Real-Time Fluorescent Loop-Mediated Isothermal Amplification Approach. Journal of Food Protection, 2019, 82, 189-193.	0.8	10
28	Development of real-time PCR and loop-mediated isothermal amplification (LAMP) assays for the differential detection of digital dermatitis associated treponemes. PLoS ONE, 2017, 12, e0178349.	1.1	10
29	Development of a loop-mediated isothermal amplification assay for rapid and simple detection of <i>Erysipelothrix rhusiopathiae</i> . Letters in Applied Microbiology, 2014, 58, 362-369.	1.0	9
30	Identification of <i>Escherichia coli</i> and Related Enterobacteriaceae and Examination of Their Phenotypic Antimicrobial Resistance Patterns: A Pilot Study at A Wildlife-Livestock Interface in Lusaka, Zambia. Antibiotics, 2021, 10, 238.	1.5	9
31	Assessment of the <i>Campylobacter jejuni</i> and <i>C. coli</i> in broiler chicken ceca by conventional culture and loop-mediated isothermal amplification method. Food Control, 2017, 74, 107-111.	2.8	7
32	A descriptive survey of porcine epidemic diarrhea in pig populations in northern Vietnam. Tropical Animal Health and Production, 2020, 52, 3781-3788.	0.5	7
33	Most-Probable-Number Loop-Mediated Isothermal Amplification-Based Procedure Enhanced with K Antigen-Specific Immunomagnetic Separation for Quantifying <i>Vibrio parahaemolyticus</i> in Molluscan Shellfish. Journal of Food Protection, 2014, 77, 1078-1085.	0.8	6
34	Sensitive and Rapid Detection of Cholera Toxin-Producing <i>Vibrio cholerae</i> Using Loop-Mediated Isothermal Amplification. Methods in Molecular Biology, 2011, 739, 13-22.	0.4	6
35	Development of a loop-mediated isothermal amplification and PCR assays for rapid and simple detection of <i>Campylobacter fetus</i> subsp. <i>venerealis</i> . Microbiology and Immunology, 2010, 54, no-no.	0.7	5
36	Development of a LAMP assay for rapid and sensitive detection and differentiation of <i>Mycobacterium avium</i> subsp. <i>avium</i> and subsp. <i>hominissuis</i> . Letters in Applied Microbiology, 2019, 69, 155-160.	1.0	5

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37	New Micro-amount of Virion Enrichment Technique (MiVET) to detect influenza A virus in the duck faeces. <i>Transboundary and Emerging Diseases</i> , 2019, 66, 341-348.	1.3	5
38	Development of a Loop-Mediated Isothermal Amplification (LAMP) Assay Targeting the Citrate Synthase Gene for Detection of <i>Ehrlichia canis</i> in Dogs. <i>Veterinary Sciences</i> , 2020, 7, 156.	0.6	5
39	Improvement of the quantitation method for the tdh+ <i>Vibrio parahaemolyticus</i> in molluscan shellfish based on most-probable-number, immunomagnetic separation, and loop-mediated isothermal amplification. <i>Frontiers in Microbiology</i> , 2015, 6, 270.	1.5	4
40	Combination effect of allyl isothiocyanate and hoof trimming on bovine digital dermatitis. <i>Journal of Veterinary Medical Science</i> , 2018, 80, 1080-1085.	0.3	4
41	High Prevalence of <i>Campylobacter</i> in Broiler Flocks is a Crucial Factor for Frequency of Food Poisoning in Humans. <i>Japanese Journal of Infectious Diseases</i> , 2017, 70, 691-692.	0.5	3
42	Development and evaluation of a point-of-care test with a combination of EZ-Fast DNA extraction and real-time PCR and LAMP detection: evaluation using blood samples containing the bovine leukaemia DNA. <i>Letters in Applied Microbiology</i> , 2020, 71, 560-566.	1.0	3
43	Significant Role of the Pathogen Detection in the Meat Inspection. <i>Journal of Veterinary Epidemiology</i> , 2018, 22, 83-86.	0.2	1
44	Application of an Improved Micro-amount of Virion Enrichment Technique (MiVET) for the Detection of Avian Influenza A Virus in Spiked Chicken Meat Samples. <i>Food and Environmental Virology</i> , 2020, 12, 167-173.	1.5	1
45	Development of a fluorescent loop-mediated isothermal amplification assay for rapid and simple diagnosis of bovine leukemia virus infection. <i>Journal of Veterinary Medical Science</i> , 2019, 81, 787-792.	0.3	0