

Ryuichi Nakano

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,121
citations

516710

16
h-index

434195

31
g-index

62
all docs

62
docs citations

62
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic inactivation of influenza virus by titanium dioxide thin film. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1293-1298.	2.9	141
2	Comparison of the antiviral effect of solid-state copper and silver compounds. <i>Journal of Hazardous Materials</i> , 2016, 312, 1-7.	12.4	115
3	Broad Spectrum Microbicidal Activity of Photocatalysis by TiO ₂ . <i>Catalysts</i> , 2013, 3, 310-323.	3.5	90
4	Photocatalytic inactivation of bacteriophages by TiO ₂ -coated glass plates under low-intensity, long-wavelength UV irradiation. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1825-1829.	2.9	68
5	First Report of Metallo- β -Lactamase NDM-5-Producing <i>Escherichia coli</i> in Japan. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 7611-7612.	3.2	59
6	CFE-1, a Novel Plasmid-Encoded AmpC β -Lactamase with an ampR Gene Originating from <i>Citrobacter freundii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 1151-1158.	3.2	53
7	Rapid detection of the <i>Klebsiella pneumoniae</i> carbapenemase (KPC) gene by loop-mediated isothermal amplification (LAMP). <i>Journal of Infection and Chemotherapy</i> , 2015, 21, 202-206.	1.7	48
8	<i>Mycoplasma genitalium</i> Infection and Chronic Inflammation in Human Prostate Cancer: Detection Using Prostatectomy and Needle Biopsy Specimens. <i>Cells</i> , 2019, 8, 212.	4.1	46
9	Environmental Presence and Genetic Characteristics of Carbapenemase-Producing <i>Enterobacteriaceae</i> from Hospital Sewage and River Water in the Philippines. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	39
10	<i>Acinetobacter baumannii</i> escape from neutrophil extracellular traps (NETs). <i>Journal of Infection and Chemotherapy</i> , 2015, 21, 43-49.	1.7	33
11	Inactivation of various variant types of SARS-CoV-2 by indoor-light-sensitive TiO ₂ -based photocatalyst. <i>Scientific Reports</i> , 2022, 12, 5804.	3.3	29
12	Persimmon-derived tannin has bacteriostatic and anti-inflammatory activity in a murine model of <i>Mycobacterium avium</i> complex (MAC) disease. <i>PLoS ONE</i> , 2017, 12, e0183489.	2.5	26
13	Persimmon-derived tannin has antiviral effects and reduces the severity of infection and transmission of SARS-CoV-2 in a Syrian hamster model. <i>Scientific Reports</i> , 2021, 11, 23695.	3.3	26
14	Molecular and Epidemiological Characteristics of Carbapenemase-Producing <i>Klebsiella pneumoniae</i> Clinical Isolates in Japan. <i>MSphere</i> , 2020, 5, .	2.9	23
15	Resistance to gram-negative organisms due to high-level expression of plasmid-encoded ampC β -lactamase bla _{CMY-4} promoted by insertion sequence ISEcp1. <i>Journal of Infection and Chemotherapy</i> , 2007, 13, 18-23.	1.7	21
16	Preparation of cerium molybdates and their antiviral activity against bacteriophage ϕ 6 and SARS-CoV-2. <i>Materials Letters</i> , 2021, 290, 129510.	2.6	21
17	Molecular characteristics of extended-spectrum β -lactamase-producing <i>Klebsiella pneumoniae</i> in Japan: Predominance of CTX-M-15 and emergence of hypervirulent clones. <i>International Journal of Infectious Diseases</i> , 2020, 98, 281-286.	3.3	16
18	Suitability of Carbapenem Inactivation Method (CIM) for Detection of IMP Metallo- β -Lactamase-Producing <i>Enterobacteriaceae</i> . <i>Journal of Clinical Microbiology</i> , 2017, 55, 1220-1222.	3.9	15

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19	Comparison between IMP carbapenemase-producing Enterobacteriaceae and non-carbapenemase-producing Enterobacteriaceae: a multicentre prospective study of the clinical and molecular epidemiology of carbapenem-resistant Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 697-708.	3.0	15
20	Loop-mediated isothermal amplification: Rapid and sensitive detection of the antibiotic resistance gene ISAbal-blaOXA-51-like in <i>Acinetobacter baumannii</i> . <i>Journal of Microbiological Methods</i> , 2016, 121, 36-40.	1.6	13
21	Biofilm-Forming by Carbapenem Resistant Enterobacteriaceae May Contribute to the Blood Stream Infection. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5954.	4.1	13
22	Bacteremia secondary to <i>Alloscardovia omnicolens</i> urinary tract infection. <i>Journal of Infection and Chemotherapy</i> , 2016, 22, 424-425.	1.7	12
23	Rapid assay for detecting <i>gyrA</i> and <i>parC</i> mutations associated with fluoroquinolone resistance in Enterobacteriaceae. <i>Journal of Microbiological Methods</i> , 2013, 94, 213-216.	1.6	11
24	Gene expression analysis in human polymorphonuclear leukocytes stimulated by LPSs from nosocomial opportunistic pathogens. <i>Innate Immunity</i> , 2015, 21, 802-812.	2.4	11
25	Polymicrobial Anaerobic Bacteremia Caused by <i>Butyrivibrio fibrosolens</i> and <i>Brachyspira pilosicoli</i> in a Patient with Peritonitis following Intestinal Perforation. <i>Annals of Laboratory Medicine</i> , 2018, 38, 71-73.	2.5	11
26	Emergence of IMP-34- and OXA-58-Producing Carbapenem-Resistant <i>Acinetobacter colistiniresistens</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	11
27	Prevalence and Relatedness of <i>mcr-1</i> -Mediated Colistin-Resistant <i>Escherichia coli</i> Isolated From Livestock and Farmers in Japan. <i>Frontiers in Microbiology</i> , 2021, 12, 664931.	3.5	11
28	Genetic diversity of the C protein $\hat{2}$ -antigen gene and its upstream regions within clonally related groups of type Ia and Ib group B streptococci. <i>Microbiology (United Kingdom)</i> , 2006, 152, 771-778.	1.8	10
29	The TNF- $\hat{1}$ of mast cells induces pro-inflammatory responses during infection with <i>Acinetobacter baumannii</i> . <i>Immunobiology</i> , 2017, 222, 1025-1034.	1.9	10
30	Role of AmpR in the High Expression of the Plasmid-Encoded AmpC $\hat{2}$ -Lactamase CFE-1. <i>MSphere</i> , 2017, 2, .	2.9	10
31	Trends and molecular characteristics of carbapenemase-producing Enterobacteriaceae in Japanese hospital from 2006 to 2015. <i>Journal of Infection and Chemotherapy</i> , 2020, 26, 667-671.	1.7	10
32	A first case of isolation of <i>Kerstersia gyiorum</i> from urinary tract. <i>Journal of Infection and Chemotherapy</i> , 2016, 22, 265-267.	1.7	9
33	Rapid Identification of <i>bla</i> _{IMP-1} and <i>bla</i> _{IMP-6} by Multiplex Amplification Refractory Mutation System PCR. <i>Annals of Laboratory Medicine</i> , 2018, 38, 378-380.	2.5	9
34	Filifactor aloisii brain abscess identified by 16S ribosomal RNA gene sequencing: A case report. <i>Journal of Infection and Chemotherapy</i> , 2020, 26, 305-307.	1.7	8
35	Clinical characteristics and molecular epidemiology of invasive <i>Streptococcus agalactiae</i> infections between 2007 and 2016 in Nara, Japan. <i>PLoS ONE</i> , 2020, 15, e0240590.	2.5	8
36	Development of a loop-mediated isothermal amplification assay for rapid <i>Helicobacter pylori</i> detection. <i>Journal of Microbiological Methods</i> , 2019, 163, 105653.	1.6	7

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37	Factors associated with viral clearance periods from patients with COVID-19: A retrospective observational cohort study. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 864-868.	1.7	7
38	Emergence of VIM-2-producing <i>Citrobacter freundii</i> in Japan. <i>Infectious Diseases</i> , 2018, 50, 862-863.	2.8	6
39	A Novel Mismatched PCR-Restriction Fragment Length Polymorphism Assay for Rapid Detection of <i>gyrA</i> and <i>parC</i> Mutations Associated With Fluoroquinolone Resistance in <i>Acinetobacter baumannii</i> . <i>Annals of Laboratory Medicine</i> , 2020, 40, 27-32.	2.5	6
40	Prevalence and mechanism of fluoroquinolone resistance in clinical isolates of <i>Proteus mirabilis</i> in Japan. <i>Heliyon</i> , 2019, 5, e01291.	3.2	5
41	<i>Acinetobacter baumannii</i> LOS Regulate the Expression of Inflammatory Cytokine Genes and Proteins in Human Mast Cells. <i>Pathogens</i> , 2021, 10, 290.	2.8	5
42	Molecular diagnosis and characterization of a culture-negative mycotic aneurysm due to ST54 <i>Haemophilus influenzae</i> type b with PBP 3 alterations. <i>Journal of Infection and Chemotherapy</i> , 2018, 24, 570-572.	1.7	4
43	First Two Cases of Infected Aortic Aneurysm Caused by Non-Vaccine <i>Streptococcus pneumoniae</i> Serotype 23A. <i>Annals of Laboratory Medicine</i> , 2020, 40, 270-273.	2.5	4
44	A case of <i>Bordetella trematum</i> and <i>Kerstersia gyiorum</i> infections in a patient with congestive dermatitis. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 740-746.	1.7	4
45	Scrotal ulcer due to community-acquired methicillin-resistant <i>Staphylococcus aureus</i> USA300 clone in an HIV-positive man who has sex with men in Japan: a case report. <i>International Journal of STD and AIDS</i> , 2019, 30, 1229-1231.	1.1	3
46	Case of endobronchial metastasis from breast cancer accompanied with <i>Cunninghamella bertholletiae</i> tracheobronchial mycetoma. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 1065-1069.	1.7	3
47	Predominance of CTX-M-9 Group Among ESBL-Producing <i>Escherichia coli</i> Isolated from Healthy Individuals in Japan. <i>Microbial Drug Resistance</i> , 2022, , .	2.0	3
48	Comparison of the inoculum size effects of antibiotics on IMP-6 β -lactamase-producing Enterobacteriaceae co-harboring plasmid-mediated quinolone resistance genes. <i>PLoS ONE</i> , 2019, 14, e0225210.	2.5	2
49	Prevalence of <i>Helicobacter pylori</i> among residents and their environments in the Nara prefecture, Japan. <i>Journal of Infection and Public Health</i> , 2021, 14, 271-275.	4.1	2
50	Infection Control for a Carbapenem-Resistant Enterobacteriaceae Outbreak in an Advanced Emergency Medical Services Center. <i>Antibiotics</i> , 2021, 10, 1537.	3.7	2
51	Evaluation of NG-Test CARBA 5 for the detection of carbapenemase-producing Gram-negative bacilli. <i>Journal of Medical Microbiology</i> , 2022, 71, .	1.8	2
52	Emergence and Evolution of Unique Plasmids Harboring <i>bla</i> _{IMP-70} and <i>bla</i> _{CTX-M-253} in Multidrug-Resistant <i>Providencia rettgeri</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	2
53	Infective Endocarditis Complicated by Intraventricular Abscesses, Pericarditis, and Mycotic Aneurysm Due to an Emerging Strain of Serotype VI <i>Streptococcus agalactiae</i> . <i>Japanese Journal of Infectious Diseases</i> , 2017, 70, 685-686.	1.2	1
54	Abdominal Aortic Graft Infection Caused by <i>StG</i> ;485.0, ST29 <i>Streptococcus dysgalactiae</i> subsp. <i>equisimilis</i> . <i>Japanese Journal of Infectious Diseases</i> , 2020, 73, 65-67.	1.2	1

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55	Comamonas thiooxydans Expressing a Plasmid-Encoded IMP-1 Carbapenemase Isolated From Continuous Ambulatory Peritoneal Dialysis of an Inpatient in Japan. <i>Frontiers in Microbiology</i> , 2022, 13, 808993.	3.5	1
56	1178. A Multicenter Prospective Study of Clinical and Molecular Epidemiological Analysis of Carbapenem-Resistant Enterobacteriaceae (CRE) and Carbapenemase-Producing Enterobacteriaceae (CPE) in Japan. <i>Open Forum Infectious Diseases</i> , 2018, 5, S355-S356.	0.9	0
57	130. Clinical Presentation and Molecular Epidemiology Characterization of Invasive GBS Infection in Nara, Japan from 2007 to 2016. <i>Open Forum Infectious Diseases</i> , 2019, 6, S94-S94.	0.9	0
58	503. Comparison of IMP Carbapenemase-Producing Enterobacteriaceae (CPE) and Non-Carbapenemase-Producing Enterobacteriaceae: A Multicenter Prospective Study of Clinical and Molecular Epidemiology in Japan. <i>Open Forum Infectious Diseases</i> , 2019, 6, S244-S244.	0.9	0
59	Indication of Minimum Inhibitory Concentration of β -Lactam Antimicrobials for the Primary Extraction of IMP-Producing <i>Enterobacteriaceae</i> . <i>Japanese Journal of Infectious Diseases</i> , 2019, 72, 68-70.	1.2	0
60	The Role of nmcR, ampR, and ampD in the Regulation of the Class A Carbapenemase NmcA in <i>Enterobacter ludwigii</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 794134.	3.5	0