

# Yukihiro Akeda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4945322/publications.pdf>

Version: 2024-02-01

87  
papers

2,376  
citations

218677

26  
h-index

233421

45  
g-index

88  
all docs

88  
docs citations

88  
times ranked

2567  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chaperone release and unfolding of substrates in type III secretion. <i>Nature</i> , 2005, 437, 911-915.	27.8	391
2	Bile Acid-Induced Virulence Gene Expression of <i>Vibrio parahaemolyticus</i> Reveals a Novel Therapeutic Potential for Bile Acid Sequestrants. <i>PLoS ONE</i> , 2010, 5, e13365.	2.5	116
3	Pneumococcal polysaccharide vaccination in rheumatoid arthritis patients receiving tocilizumab therapy. <i>Annals of the Rheumatic Diseases</i> , 2013, 72, 1362-1366.	0.9	90
4	The EspB protein of enterohaemorrhagic <i>Escherichia coli</i> interacts directly with alpha-catenin. <i>Cellular Microbiology</i> , 2002, 4, 213-222.	2.1	80
5	<i>Streptococcus suis</i> serotyping by a new multiplex PCR. <i>Journal of Medical Microbiology</i> , 2014, 63, 824-830.	1.8	75
6	Genetic characterization of bla <sub>NDM</sub> -harboring plasmids in carbapenem-resistant <i>Escherichia coli</i> from Myanmar. <i>PLoS ONE</i> , 2017, 12, e0184720.	2.5	74
7	Genetic Analysis of the <i>Salmonella enterica</i> Type III Secretion-Associated ATPase InvC Defines Discrete Functional Domains. <i>Journal of Bacteriology</i> , 2004, 186, 2402-2412.	2.2	71
8	The Contribution of Suilysin to the Pathogenesis of <i>Streptococcus suis</i> Meningitis. <i>Journal of Infectious Diseases</i> , 2014, 209, 1509-1519.	4.0	70
9	Emergence of <i>Streptococcus suis</i> serotype 9 infection in humans. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 545-546.	3.1	62
10	Spreading Patterns of NDM-Producing <i>Enterobacteriaceae</i> in Clinical and Environmental Settings in Yangon, Myanmar. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	62
11	Two Regulators of <i>Vibrio parahaemolyticus</i> Play Important Roles in Enterotoxicity by Controlling the Expression of Genes in the Vp-PAI Region. <i>PLoS ONE</i> , 2010, 5, e8678.	2.5	61
12	Population-Based Study of <i>Streptococcus suis</i> Infection in Humans in Phayao Province in Northern Thailand. <i>PLoS ONE</i> , 2012, 7, e31265.	2.5	54
13	Sepsis and spontaneous bacterial peritonitis in Thailand. <i>Lancet</i> , The, 2011, 378, 960.	13.7	53
14	Identification of Two Translocon Proteins of <i>Vibrio parahaemolyticus</i> Type III Secretion System 2. <i>Infection and Immunity</i> , 2008, 76, 4282-4289.	2.2	50
15	Molecular Characterization of IMP-1-Producing <i>Enterobacter cloacae</i> Complex Isolates in Tokyo. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	48
16	Effect of abatacept on the immunogenicity of 23-valent pneumococcal polysaccharide vaccination (PPSV23) in rheumatoid arthritis patients. <i>Arthritis Research and Therapy</i> , 2015, 17, 357.	3.5	47
17	Transcription of <i>Vibrio parahaemolyticus</i> <i>ft3SS1</i> genes is regulated by a dual regulation system consisting of the ExsACDE regulatory cascade and H-NS. <i>FEMS Microbiology Letters</i> , 2010, 311, 10-17.	1.8	44
18	First human case report of sepsis due to infection with <i>Streptococcus suis</i> serotype 31 in Thailand. <i>BMC Infectious Diseases</i> , 2015, 15, 392.	2.9	43

#	ARTICLE	IF	CITATIONS
19	Genotypic diversity of <i>Streptococcus suis</i> strains isolated from humans in Thailand. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2018, 37, 917-925.	2.9	35
20	<i>Desulfovibrio desulfuricans</i> bacteremia: A case report and literature review. <i>Anaerobe</i> , 2018, 49, 112-115.	2.1	33
21	Impact of a Food Safety Campaign on <i>Streptococcus suis</i> Infection in Humans in Thailand. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 1370-1377.	1.4	33
22	Dissemination of carbapenemase-producing <i>Enterobacteriaceae</i> harbouring <i>bla</i> <sub>NDM</sub> or <i>bla</i> <sub>IMI</sub> in local market foods of Yangon, Myanmar. <i>Scientific Reports</i> , 2019, 9, 14455.	3.3	30
23	PCR-Dipstick Chromatography for Differential Detection of Carbapenemase Genes Directly in Stool Specimens. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	29
24	Genotypic Comparison between <i>Streptococcus suis</i> Isolated from Pigs and Humans in Thailand. <i>Pathogens</i> , 2020, 9, 50.	2.8	29
25	Detection of plasmid-mediated colistin-resistant and carbapenem-resistant genes by multiplex PCR. <i>MethodsX</i> , 2018, 5, 532-536.	1.6	28
26	Pneumococcal polysaccharide vaccination in rheumatoid arthritis patients receiving tacrolimus. <i>Arthritis Research and Therapy</i> , 2015, 17, 149.	3.5	27
27	The 23-valent pneumococcal polysaccharide vaccine in patients with rheumatoid arthritis: a double-blinded, randomized, placebo-controlled trial. <i>Arthritis Research and Therapy</i> , 2017, 19, 15.	3.5	25
28	Genomic Characterization of Carbapenemase-Producing <i>Klebsiella pneumoniae</i> with Chromosomally Carried <i>bla</i> <sub>NDM-1</sub> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	25
29	Fatal Septic Meningitis in Child Caused by <i>Streptococcus suis</i> Serotype 24. <i>Emerging Infectious Diseases</i> , 2016, 22, 1519-1520.	4.3	24
30	Naked eye detection of the <i>Mycobacterium tuberculosis</i> complex by recombinase polymerase amplification SYBR green I assays. <i>Journal of Clinical Laboratory Analysis</i> , 2019, 33, e22655.	2.1	24
31	Antigen-Specific Mucosal Immunity Regulates Development of Intestinal Bacteria-Mediated Diseases. <i>Gastroenterology</i> , 2019, 157, 1530-1543.e4.	1.3	24
32	Capsule Switching and Antimicrobial Resistance Acquired during Repeated <i>Streptococcus pneumoniae</i> Pneumonia Episodes. <i>Journal of Clinical Microbiology</i> , 2015, 53, 3318-3324.	3.9	23
33	Identification of the <i>Vibrio parahaemolyticus</i> type III secretion system 2-associated chaperone VocC for the T3SS2-specific effector VopC. <i>FEMS Microbiology Letters</i> , 2011, 324, 156-164.	1.8	20
34	Development of selective medium for IMP-type carbapenemase-producing <i>Enterobacteriaceae</i> in stool specimens. <i>BMC Infectious Diseases</i> , 2017, 17, 229.	2.9	20
35	Identification and characterization of a type III secretion-associated chaperone in the type III secretion system 1 of <i>Vibrio parahaemolyticus</i> . <i>FEMS Microbiology Letters</i> , 2009, 296, 18-25.	1.8	19
36	Rapid detection of extended spectrum $\beta$ -lactamase producing <i>Escherichia coli</i> isolated from fresh pork meat and pig cecum samples using multiplex recombinase polymerase amplification and lateral flow strip analysis. <i>PLoS ONE</i> , 2021, 16, e0248536.	2.5	19

#	ARTICLE	IF	CITATIONS
37	Emergence of Carbapenem Non-susceptible <i>Campylobacter coli</i> after Long-term Treatment against Recurrent Bacteremia in a Patient with X-linked Agammaglobulinemia. <i>Internal Medicine</i> , 2018, 57, 2077-2080.	0.7	18
38	Clinical Specimen-Direct LAMP: A Useful Tool for the Surveillance of blaOXA-23-Positive Carbapenem-Resistant <i>Acinetobacter baumannii</i> . <i>PLoS ONE</i> , 2015, 10, e0133204.	2.5	17
39	Distribution and Molecular Characterization of <i>Escherichia coli</i> Harboring <i>mcr</i> Genes Isolated from Slaughtered Pigs in Thailand. <i>Microbial Drug Resistance</i> , 2021, 27, 971-979.	2.0	17
40	Risk factors for fecal carriage of IMP-6-producing Enterobacteriaceae at a long-term care hospital in Japan: A follow-up report from the northern Osaka multicentre study group. <i>Journal of Infection and Chemotherapy</i> , 2018, 24, 769-772.	1.7	16
41	Characterization of the Plasmidome Encoding Carbapenemase and Mechanisms for Dissemination of Carbapenem-Resistant Enterobacteriaceae. <i>MSystems</i> , 2020, 5, .	3.8	16
42	Rapid detection of multidrug-resistant tuberculosis based on allele-specific recombinase polymerase amplification and colorimetric detection. <i>PLoS ONE</i> , 2021, 16, e0253235.	2.5	16
43	Durability of immunity by hepatitis B vaccine in Japanese health care workers depends on primary response titers and durations. <i>PLoS ONE</i> , 2017, 12, e0187661.	2.5	15
44	Rapid screening and early precautions for carbapenem-resistant <i>Acinetobacter baumannii</i> carriers decreased nosocomial transmission in hospital settings: a quasi-experimental study. <i>Antimicrobial Resistance and Infection Control</i> , 2019, 8, 110.	4.1	15
45	PCR-Dipstick-Oriented Surveillance and Characterization of <i>mcr</i> -1- and Carbapenemase-Carrying Enterobacteriaceae in a Thai Hospital. <i>Frontiers in Microbiology</i> , 2019, 10, 149.	3.5	15
46	First Identification and genomic characterization of multidrug-resistant carbapenemase-producing Enterobacteriaceae clinical isolates in Malawi, Africa. <i>Journal of Medical Microbiology</i> , 2019, 68, 1707-1715.	1.8	15
47	Opsonic and Antibody Responses to Pneumococcal Polysaccharide in Rheumatoid Arthritis Patients Receiving Golimumab Plus Methotrexate. <i>Medicine (United States)</i> , 2015, 94, e2184.	1.0	14
48	Non-nosocomial healthcare-associated left-sided <i>Pseudomonas aeruginosa</i> endocarditis: a case report and literature review. <i>BMC Infectious Diseases</i> , 2016, 16, 431.	2.9	14
49	Enhanced Carbapenem Resistance through Multimerization of Plasmids Carrying Carbapenemase Genes. <i>MBio</i> , 2021, 12, e0018621.	4.1	14
50	Genomic reorganization by IS26 in a blaNDM-5-bearing FII plasmid of <i>Klebsiella pneumoniae</i> isolated from a patient in Japan. <i>Journal of Medical Microbiology</i> , 2018, 67, 1221-1224.	1.8	14
51	Genomic characterization of an emerging blaKPC-2 carrying Enterobacteriaceae clinical isolates in Thailand. <i>Scientific Reports</i> , 2019, 9, 18521.	3.3	12
52	Current situation of carbapenem-resistant Enterobacteriaceae and <i>Acinetobacter</i> in Japan and Southeast Asia. <i>Microbiology and Immunology</i> , 2021, 65, 229-237.	1.4	12
53	Herpes zoster laryngitis in a patient treated with fingolimod. <i>Journal of Infection and Chemotherapy</i> , 2016, 22, 830-832.	1.7	11
54	Transmission dynamics of a linear vanA-plasmid during a nosocomial multiclonal outbreak of vancomycin-resistant enterococci in a non-endemic area, Japan. <i>Scientific Reports</i> , 2021, 11, 14780.	3.3	11

#	ARTICLE	IF	CITATIONS
55	Functional cloning of <i>Vibrio parahaemolyticus</i> type III secretion system 1 in <i>Escherichia coli</i> K-12 strain as a molecular syringe. <i>Biochemical and Biophysical Research Communications</i> , 2012, 427, 242-247.	2.1	10
56	Establishment of a dual-wavelength spectrophotometric method for analysing and detecting carbapenemase-producing <i>Enterobacteriaceae</i> . <i>Scientific Reports</i> , 2018, 8, 15689.	3.3	10
57	Multiplex PCR for identification of six clinically relevant streptococci. <i>Journal of Medical Microbiology</i> , 2017, 66, 1590-1595.	1.8	10
58	Silent Native-valve Endocarditis Caused by <i>Propionibacterium acnes</i> . <i>Internal Medicine</i> , 2018, 57, 2417-2420.	0.7	8
59	<i>In Vitro</i> Effectiveness of Meropenem and Cefmetazole Combination Treatment Against KPC-2-Producing <i>Enterobacteriaceae</i> . <i>Microbial Drug Resistance</i> , 2019, 25, 839-845.	2.0	8
60	Genomic characterisation of a novel plasmid carrying bla <sub>IMP-6</sub> of carbapenem-resistant <i>Klebsiella pneumoniae</i> isolated in Osaka, Japan. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 21, 195-199.	2.2	8
61	Hospital-wide outbreaks of carbapenem-resistant <i>Enterobacteriaceae</i> horizontally spread through a clonal plasmid harbouring bla <sub>IMP-1</sub> in children's hospitals in Japan. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 3314-3317.	3.0	8
62	A human case of <i>Streptococcus suis</i> infection caused by an unencapsulated strain. <i>JMM Case Reports</i> , 2014, 1, .	1.3	7
63	Emergence of daptomycin non-susceptible coagulase-negative <i>Staphylococci</i> in patients with cardiovascular device infections. <i>Medicine (United States)</i> , 2018, 97, e13487.	1.0	7
64	Chemotactic invasion in deep soft tissue by <i>Vibrio vulnificus</i> is essential for the progression of necrotic lesions. <i>Virulence</i> , 2020, 11, 839-847.	4.4	7
65	Verification of MA-T Safety and Efficacy Against Pathogens Including SARS-CoV-2. <i>BPB Reports</i> , 2021, 4, 78-84.	0.3	7
66	Direct anti-biofilm effects of macrolides on <i>Acinetobacter baumannii</i> : comprehensive and comparative demonstration by a simple assay using microtiter plate combined with peg-lid. <i>Biomedical Research</i> , 2020, 41, 259-268.	0.9	7
67	Comparison of serum bactericidal and antibody titers induced by two <i>Haemophilus influenzae</i> type b conjugate vaccines: A phase III randomized double-blind study. <i>Vaccine</i> , 2018, 36, 1528-1532.	3.8	6
68	Community spread and acquisition of clinically relevant <i>Escherichia coli</i> harbouring bla <sub>NDM</sub> among healthy Japanese residents of Yangon, Myanmar. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1448-1454.	3.0	6
69	Rapid multiplex detection of the resistance genes <i>mecA</i> , <i>vanA</i> and <i>vanB</i> from Gram-positive cocci-positive blood cultures using a PCR-dipstick technique. <i>Journal of Medical Microbiology</i> , 2020, 69, 249-255.	1.8	6
70	Multiplex Real-Time PCR Assay for Six Major Carbapenemase Genes. <i>Pathogens</i> , 2021, 10, 276.	2.8	5
71	Pneumococcal polysaccharide vaccination in allogeneic hematopoietic stem cell transplantation recipients: a prospective single-center study. <i>Microbes and Infection</i> , 2017, 19, 553-559.	1.9	4
72	Development of a multiplex PCR for identification of $\beta$ -hemolytic streptococci relevant to human infections and serotype distribution of invasive <i>Streptococcus agalactiae</i> in Thailand. <i>Molecular and Cellular Probes</i> , 2017, 36, 10-14.	2.1	4

#	ARTICLE	IF	CITATIONS
73	NADH oxidase, a new player in the field of <i>Streptococcus suis</i> infection. <i>Virulence</i> , 2017, 8, 11-12.	4.4	4
74	Deskilled and Rapid Drug-Resistant Gene Detection by Centrifugal Force-Assisted Thermal Convection PCR Device. <i>Sensors</i> , 2021, 21, 1225.	3.8	4
75	Characterization of bla NDM-5-harboring <i>Klebsiella pneumoniae</i> sequence type 11 international high-risk clones isolated from clinical samples in Yangon General Hospital, a tertiary-care hospital in Myanmar. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	4
76	Nosocomial transmission of carbapenem-resistant <i>Klebsiella pneumoniae</i> elucidated by single-nucleotide variation analysis: a case investigation. <i>Infection</i> , 2017, 45, 221-225.	4.7	3
77	Fluoroquinolone resistance in non-typhoidal <i>Salmonella enterica</i> isolated from slaughtered pigs in Thailand. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	3
78	Fatal overwhelming postsplenectomy infection due to <i>Streptococcus pneumoniae</i> serotype 10A with atypical polysaccharide capsule in a patient with chromosome 22q11.2 deletion syndrome: A case report. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 192-196.	1.7	2
79	Immunogenicity and safety after the third vaccination with the 23-valent pneumococcal polysaccharide vaccine in elderly patients with chronic lung disease. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2285-2291.	3.3	2
80	Successful Reboot of High-Performance Sporting Activities by Japanese National Women's Handball Team in Tokyo, 2020 during the COVID-19 Pandemic: An Initiative Using the Japan Sports' Cyber Physical System (JS-CPS) of the Sports Research Innovation Project (SRIP). <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 9865.	2.6	2
81	Available, Bed-sided, Comprehensive (ABC) score to a diagnosis of Methicillin-resistant <i>Staphylococcus aureus</i> infection: a derivation and validation study. <i>BMC Infectious Diseases</i> , 2018, 18, 19.	2.9	1
82	<i>Pasteurella multocida</i> multiple intrapelvic abscesses in a young woman with uterine cervical cancer. <i>Journal of Infection and Chemotherapy</i> , 2019, 25, 197-199.	1.7	1
83	bla OXA-731, a new chromosome-encoded bla OXA-48-like variant in <i>Shewanella</i> sp. from the aquatic environment in Myanmar. <i>Environmental Microbiology Reports</i> , 2020, 12, 548-554.	2.4	1
84	In Vitro Efficacy of Meropenem-Cefmetazole Combination Therapy against New Delhi Metallo- $\beta$ -lactamase-producing Enterobacteriaceae. <i>International Journal of Antimicrobial Agents</i> , 2020, 55, 105905.	2.5	1
85	A Simple and Rapid Detection System for Direct Identification of Carbapenemase-Producing Enterobacteriaceae in Clinical Samples. <i>Open Forum Infectious Diseases</i> , 2016, 3, .	0.9	0
86	Series: Diagnosis at a Glance. <i>The Journal of the Japanese Society of Internal Medicine</i> , 2017, 106, 127-129.	0.0	0
87	Expansion of Necrosis Depending on Hybrid Motor-Driven Motility of <i>Aeromonas hydrophila</i> in a Murine Wound Infection Model. <i>Microorganisms</i> , 2021, 9, 10.	3.6	0