

Yasufumi Matsumura

List of Publications by Year in descending order

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66
papers

2,500
citations

172457

29
h-index

214800

47
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71
all docs

71
docs citations

71
times ranked

3271
citing authors

#	ARTICLE	IF	CITATIONS
1	Emergence of rare carbapenemases (FRI, GES-5, IMI, SFC and SFH-1) in Enterobacterales isolated from surface waters in Japan. <i>Journal of Antimicrobial Chemotherapy</i> , 2022, 77, 1237-1246.	3.0	5
2	Comparison of six antibody assays and two combination assays for COVID-19. <i>Virology Journal</i> , 2022, 19, 24.	3.4	5
3	Whole-Genome Analysis-Based Phylogeographic Investigation of <i>Streptococcus pneumoniae</i> Serotype 19A Sequence Type 320 Isolates in Japan. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0139521.	3.2	3
4	Pharmacokinetic/Pharmacodynamic Analysis and Dose Optimization of Cefmetazole and Flomoxef against Extended-Spectrum β -Lactamase-Producing Enterobacterales in Patients with Invasive Urinary Tract Infection Considering Renal Function. <i>Antibiotics</i> , 2022, 11, 456.	3.7	3
5	Cervical abscess caused by <i>Mycobacterium tilburgii</i> in a patient carrying anti-interferon gamma autoantibody: A case report and literature review. <i>Journal of Infection and Chemotherapy</i> , 2022, 28, 699-704.	1.7	0
6	Cell response analysis in SARS-CoV-2 infected bronchial organoids. <i>Communications Biology</i> , 2022, 5, .	4.4	39
7	<i>Escherichia coli</i> ST1193: Following in the Footsteps of <i>E. coli</i> ST131. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	3.2	31
8	Comparison of the Xpert Carba-R and NG-Test CARBA5 for the detection of carbapenemases in an IMP-type carbapenemase endemic region in Japan. <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 503-506.	1.7	9
9	Comparison of 12 Molecular Detection Assays for Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2). <i>Journal of Molecular Diagnostics</i> , 2021, 23, 164-170.	2.8	29
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.	3.1	37
11	Occurrence of class 1 integrons carrying two copies of the blaGES-5 gene in carbapenem-non-susceptible <i>Citrobacter freundii</i> and <i>Raoultella ornithinolytica</i> isolated from wastewater. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 26, 230-232.	2.2	1
12	Retrospective evaluation of appropriate dosing of cefmetazole for invasive urinary tract infection due to extended-spectrum β -lactamase-producing <i>Escherichia coli</i> . <i>Journal of Infection and Chemotherapy</i> , 2021, 27, 1602-1606.	1.7	8
13	Nationwide surveillance of paediatric invasive and non-invasive pneumococcal disease in Japan after the introduction of the 13-valent conjugated vaccine, 2015-2017. <i>Vaccine</i> , 2020, 38, 1818-1824.	3.8	33
14	<i>Streptococcus pneumoniae</i> Serotype 12F-CC4846 and Invasive Pneumococcal Disease after Introduction of 13-Valent Pneumococcal Conjugate Vaccine, Japan, 2015-2017. <i>Emerging Infectious Diseases</i> , 2020, 26, 2660-2668.	4.3	5
15	Penicillin-Binding Protein Typing, Antibiotic Resistance Gene Identification, and Molecular Phylogenetic Analysis of Meropenem-Resistant <i>Streptococcus pneumoniae</i> Serotype 19A-CC3111 Strains in Japan. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	13
16	Molecular Characterization of a Multidrug-Resistant IncF Plasmid Carrying mcr-3.1 in an <i>Escherichia coli</i> Sequence Type 393 Strain of Wastewater Origin. <i>International Journal of Antimicrobial Agents</i> , 2019, 54, 524-526.	2.5	5
17	A Cost-Effective Method for Identifying Enterobacterales with OXA-181. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	5
18	Prospective multicenter surveillance of clinically isolated <i>Aspergillus</i> species revealed azole-resistant <i>Aspergillus fumigatus</i> isolates with TR34/L98H mutation in the Kyoto and Shiga regions of Japan. <i>Medical Mycology</i> , 2019, 57, 997-1003.	0.7	23

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19	Whole-Genome Sequencing Analysis of Multidrug-Resistant Serotype 15A <i>Streptococcus pneumoniae</i> in Japan and the Emergence of a Highly Resistant Serotype 15A-ST9084 Clone. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	32
20	The Global Ascendency of OXA-48-Type Carbapenemases. <i>Clinical Microbiology Reviews</i> , 2019, 33, .	13.6	260
21	Role of TEM-1 β -Lactamase in the Predominance of Ampicillin-Sulbactam-Nonsusceptible <i>Escherichia coli</i> in Japan. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	3.2	5
22	Development of a fully automated PCR assay for the detection of <i>Pneumocystis jirovecii</i> using the GENECUBE system. <i>Medical Mycology</i> , 2019, 57, 841-847.	0.7	5
23	Characteristics of Carbapenemase-Producing Enterobacteriaceae in Wastewater Revealed by Genomic Analysis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	58
24	Complete Genome Sequence of <i>Escherichia coli</i> ME8067, an Azide-Resistant Laboratory Strain Used for Conjugation Experiments. <i>Genome Announcements</i> , 2018, 6, .	0.8	2
25	Molecular Analysis of a <i>bla</i> _{IMP-1} -Harboring Class 3 Integron in Multidrug-Resistant <i>Pseudomonas fulva</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	5
26	Complete Genome Sequence of <i>Escherichia coli</i> J53, an Azide-Resistant Laboratory Strain Used for Conjugation Experiments. <i>Genome Announcements</i> , 2018, 6, .	0.8	18
27	Genomic Epidemiology of Global Carbapenemase-Producing <i>Enterobacter</i> spp., 2008–2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 1010-1019.	4.3	107
28	Spread of Meropenem-Resistant <i>Streptococcus pneumoniae</i> Serotype 15A-ST63 Clone in Japan, 2012–2014. <i>Emerging Infectious Diseases</i> , 2018, 24, 275-283.	4.3	37
29	Genomic characterization of IMP and VIM carbapenemase-encoding transferable plasmids of Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2018, 73, 3034-3038.	3.0	33
30	Clinical and microbiologic characteristics of cefotaxime-non-susceptible Enterobacteriaceae bacteremia: a case control study. <i>BMC Infectious Diseases</i> , 2017, 17, 44.	2.9	8
31	Population structure of Japanese extraintestinal pathogenic <i>Escherichia coli</i> and its relationship with antimicrobial resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, dkw530.	3.0	24
32	Global Molecular Epidemiology of IMP-Producing Enterobacteriaceae. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	61
33	Genomic epidemiology of global VIM-producing Enterobacteriaceae. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2249-2258.	3.0	47
34	Occurrence of Clinically Important Lineages, Including the Sequence Type 131 C1-M27 Subclone, among Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> in Wastewater. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	37
35	Whole-Genome Analysis of Antimicrobial-Resistant and Extraintestinal Pathogenic <i>Escherichia coli</i> in River Water. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	60
36	Genetic identification and antimicrobial susceptibility of clinically isolated anaerobic bacteria: A prospective multicenter surveillance study in Japan. <i>Anaerobe</i> , 2017, 48, 215-223.	2.1	22

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37	Longitudinal Analysis of the Intestinal Microbiota in Liver Transplantation. <i>Transplantation Direct</i> , 2017, 3, e144.	1.6	56
38	Rapid Identification of Different <i>Escherichia coli</i> Sequence Type 131 Clades. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	94
39	Global <i>Escherichia coli</i> Sequence Type 131 Clade with <i>bla</i> _{CTX-M-27} Gene. <i>Emerging Infectious Diseases</i> , 2016, 22, 1900-1907.	4.3	146
40	Interspecies Dissemination of a Mobilizable Plasmid Harboring <i>bla</i> _{IMP-19} and the Possibility of Horizontal Gene Transfer in a Single Patient. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 5412-5419.	3.2	17
41	Recent advances in the laboratory detection of carbapenemase-producing Enterobacteriaceae. <i>Expert Review of Molecular Diagnostics</i> , 2016, 16, 783-794.	3.1	21
42	Genetic, phenotypic and matrix-assisted laser desorption ionization time-of-flight mass spectrometry-based identification of anaerobic bacteria and determination of their antimicrobial susceptibility at a University Hospital in Japan. <i>Journal of Infection and Chemotherapy</i> , 2016, 22, 303-307.	1.7	13
43	Risk factors for nosocomial tuberculosis transmission among health care workers. <i>American Journal of Infection Control</i> , 2016, 44, 596-598.	2.3	9
44	In vitro activities and detection performances of cefmetazole and flomoxef for extended-spectrum β -lactamase and plasmid-mediated AmpC β -lactamase-producing Enterobacteriaceae. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 322-327.	1.8	26
45	Serotypes, antimicrobial susceptibility, and molecular epidemiology of invasive and non-invasive <i>Streptococcus pneumoniae</i> isolates in paediatric patients after the introduction of 13-valent conjugate vaccine in a nationwide surveillance study conducted in Japan in 2012-2014. <i>Vaccine</i> , 2016, 34, 67-76.	3.8	89
46	CTX-M-27- and CTX-M-14-producing, ciprofloxacin-resistant <i>Escherichia coli</i> of the H30 subclonal group within ST131 drive a Japanese regional ESBL epidemic. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 1639-1649.	3.0	118
47	Multicenter Retrospective Study of Cefmetazole and Flomoxef for Treatment of Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> Bacteremia. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 5107-5113.	3.2	93
48	Detection of <i>Escherichia coli</i> sequence type 131 clonal group among extended-spectrum β -lactamase-producing <i>E. coli</i> using VITEK MS Plus matrix-assisted laser desorption ionization-time of flight mass spectrometry. <i>Journal of Microbiological Methods</i> , 2015, 119, 7-9.	1.6	21
49	Development and evaluation of MALDI-TOF MS-based serotyping for <i>Streptococcus pneumoniae</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015, 34, 2191-2198.	2.9	31
50	High prevalence of carbapenem resistance among plasmid-mediated AmpC β -lactamase-producing <i>Klebsiella pneumoniae</i> during outbreaks in liver transplantation units. <i>International Journal of Antimicrobial Agents</i> , 2015, 45, 33-40.	2.5	28
51	Changes in Surgical Site Infections after Living Donor Liver Transplantation. <i>PLoS ONE</i> , 2015, 10, e0136559.	2.5	17
52	Risk Factors and Outcomes of <i>Stenotrophomonas maltophilia</i> Bacteraemia: A Comparison with Bacteraemia Caused by <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter</i> Species. <i>PLoS ONE</i> , 2014, 9, e112208.	2.5	53
53	Differentiation of <i>vanA</i> -positive <i>Enterococcus faecium</i> from <i>vanA</i> -negative <i>E. faecium</i> by matrix-assisted laser desorption/ionisation time-of-flight mass spectrometry. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 256-259.	2.5	34
54	Detection of Extended-Spectrum β -Lactamase-Producing <i>Escherichia coli</i> ST131 and ST405 Clonal Groups by Matrix-Assisted Laser Desorption Ionization-Time of Flight Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2014, 52, 1034-1040.	3.9	55

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55	Pneumocystis polymerase chain reaction and blood (1-3)- β -d-glucan assays to predict survival with suspected Pneumocystis jirovecii pneumonia. <i>Journal of Infection and Chemotherapy</i> , 2014, 20, 109-114.	1.7	14
56	Clinical characteristics and risk factors of non-Candida fungaemia. <i>BMC Infectious Diseases</i> , 2013, 13, 247.	2.9	20
57	Association of Fluoroquinolone Resistance, Virulence Genes, and IncF Plasmids with Extended-Spectrum- β -Lactamase-Producing Escherichia coli Sequence Type 131 (ST131) and ST405 Clonal Groups. <i>Antimicrobial Agents and Chemotherapy</i> , 2013, 57, 4736-4742.	3.2	65
58	Emergence and spread of B2-ST131-O25b, B2-ST131-O16 and D-ST405 clonal groups among extended-spectrum- β -lactamase-producing Escherichia coli in Japan. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2612-2620.	3.0	104
59	Molecular characterization of IMP-type metallo- β -lactamases among multidrug-resistant Achromobacter xylosoxidans. <i>Journal of Antimicrobial Chemotherapy</i> , 2012, 67, 2110-2113.	3.0	38
60	Re: Molecular characterisation of Staphylococcus aureus carrying the Panton-Valentine leukocidin gene in northern Spain. <i>Journal of Infection</i> , 2012, 65, 184-185.	3.3	1
61	Clinical characteristics and risk factors of ocular candidiasis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 73, 149-152.	1.8	37
62	Prevalence of plasmid-mediated AmpC β -lactamase-producing Escherichia coli and spread of the ST131 clone among extended-spectrum β -lactamase-producing E. coli in Japan. <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 158-162.	2.5	31
63	Disseminated Nocardia farcinica infection in a patient with myasthenia gravis successfully treated by linezolid: a case report and literature review. <i>Journal of Infection and Chemotherapy</i> , 2012, 18, 390-394.	1.7	23
64	Clinical characteristics of Pneumocystis pneumonia in non-HIV patients and prognostic factors including microbiological genotypes. <i>BMC Infectious Diseases</i> , 2011, 11, 76.	2.9	83
65	Interspecies dissemination of a novel class 1 integron carrying blaIMP-19 among Acinetobacter species in Japan. <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 2480-2483.	3.0	38
66	Accidental exposures to blood and body fluid in the operation room and the issue of underreporting. <i>American Journal of Infection Control</i> , 2009, 37, 541-544.	2.3	43