

Chien-Shun Chiou

List of Publications by Year in descending order

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97
papers

2,362
citations

185998

28
h-index

253896

43
g-index

98
all docs

98
docs citations

98
times ranked

2874
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of <i>Vibrio parahaemolyticus</i> O3:K6 from Asia. <i>Applied and Environmental Microbiology</i> , 2000, 66, 3981-3986.	1.4	153
2	PCR detection of Staphylococcal enterotoxins (SEs) N, O, P, Q, R, U, and survey of SE types in <i>Staphylococcus aureus</i> isolates from food-poisoning cases in Taiwan. <i>International Journal of Food Microbiology</i> , 2008, 121, 66-73.	2.1	132
3	<i>Vibrio parahaemolyticus</i> Serovar O3:K6 as Cause of Unusually High Incidence of Food-Borne Disease Outbreaks in Taiwan from 1996 to 1999. <i>Journal of Clinical Microbiology</i> , 2000, 38, 4621-4625.	1.8	112
4	Use of novel PCR primers specific to the genes of staphylococcal enterotoxin G, H, I for the survey of <i>Staphylococcus aureus</i> strains isolated from food-poisoning cases and food samples in Taiwan. <i>International Journal of Food Microbiology</i> , 2004, 92, 189-197.	2.1	66
5	Global phylogeography and evolutionary history of <i>Shigella dysenteriae</i> type 1. <i>Nature Microbiology</i> , 2016, 1, 16027.	5.9	65
6	PGAd-builder: A web service tool for creating pan-genome allele database for molecular fine typing. <i>Scientific Reports</i> , 2016, 6, 36213.	1.6	62
7	Multilocus Variable-Number Tandem-Repeat Analysis for Molecular Typing of <i>Shigella sonnei</i> . <i>Journal of Clinical Microbiology</i> , 2007, 45, 3574-3580.	1.8	56
8	The complete nucleotide sequence of the growth-hormone gene from the common carp (<i>Cyprinus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	55
9	Antimicrobial Resistance in <i>Salmonella enterica</i> Serovar Typhi Isolates from Bangladesh, Indonesia, Taiwan, and Vietnam. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 6501-6507.	1.4	55
10	Molecular epidemiology and emergence of worldwide epidemic clones of <i>Neisseria meningitidis</i> in Taiwan. <i>BMC Infectious Diseases</i> , 2006, 6, 25.	1.3	54
11	Meningococcal disease surveillance in the Asia-Pacific region (2020): The global meningococcal initiative. <i>Journal of Infection</i> , 2020, 81, 698-711.	1.7	51
12	Dissemination of <i>mcr-1</i> -Carrying Plasmids among Colistin-Resistant <i>Salmonella</i> Strains from Humans and Food-Producing Animals in Taiwan. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	49
13	Microarray for molecular typing of <i>Salmonella enterica</i> serovars. <i>Molecular and Cellular Probes</i> , 2008, 22, 238-243.	0.9	46
14	An Association of Genotypes and Antimicrobial Resistance Patterns among <i>Salmonella</i> Isolates from Pigs and Humans in Taiwan. <i>PLoS ONE</i> , 2014, 9, e95772.	1.1	44
15	Comparison of Pulsed-Field Gel Electrophoresis and Coagulase Gene Restriction Profile Analysis Techniques in the Molecular Typing of <i>Staphylococcus aureus</i> . <i>Journal of Clinical Microbiology</i> , 2000, 38, 2186-2190.	1.8	43
16	Molecular Epidemiology of a <i>Shigella flexneri</i> Outbreak in a Mountainous Township in Taiwan, Republic of China. <i>Journal of Clinical Microbiology</i> , 2001, 39, 1048-1056.	1.8	41
17	Epidemiology and Molecular Characterization of <i>Streptococcus pyogenes</i> Recovered from Scarlet Fever Patients in Central Taiwan from 1996 to 1999. <i>Journal of Clinical Microbiology</i> , 2004, 42, 3998-4006.	1.8	41
18	Prevalence and Antimicrobial Susceptibility of <i>Salmonellae</i> Isolates from Reptiles in Taiwan. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 44-50.	0.5	39

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19	Utility of Multilocus Variable-Number Tandem-Repeat Analysis as a Molecular Tool for Phylogenetic Analysis of <i>Shigella sonnei</i> . <i>Journal of Clinical Microbiology</i> , 2009, 47, 1149-1154.	1.8	38
20	Genomic diversity of <i>Salmonella enterica</i> -The UoWUCC 10K genomes project. <i>Wellcome Open Research</i> , 2020, 5, 223.	0.9	38
21	Epidemiology and evolution of genotype and antimicrobial resistance of an imported <i>Shigella sonnei</i> clone circulating in central Taiwan. <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 58, 469-475.	0.8	37
22	Emergence of Qnr determinants in human <i>Salmonella</i> isolates in Taiwan. <i>Journal of Antimicrobial Chemotherapy</i> , 2008, 62, 1269-1272.	1.3	35
23	Development and use of PCR primers for the investigation of C1, C2 and C3 enterotoxin types of <i>Staphylococcus aureus</i> strains isolated from food-borne outbreaks. <i>International Journal of Food Microbiology</i> , 2001, 71, 63-70.	2.1	33
24	VNTRDB: a bacterial variable number tandem repeat locus database. <i>Nucleic Acids Research</i> , 2007, 35, D416-D421.	6.5	33
25	Prevalence and Characterization of Multidrug-Resistant (Type ACSSuT) <i>Salmonella enterica</i> Serovar Typhimurium Strains in Isolates from Four Gosling Farms and a Hatchery Farm. <i>Journal of Clinical Microbiology</i> , 2008, 46, 522-526.	1.8	32
26	Development and evaluation of multilocus variable number tandem repeat analysis for fine typing and phylogenetic analysis of <i>Salmonella enterica</i> serovar Typhimurium. <i>International Journal of Food Microbiology</i> , 2010, 142, 67-73.	2.1	32
27	Use of a multilocus variable-number tandem repeat analysis method for molecular subtyping and phylogenetic analysis of <i>Neisseria meningitidis</i> isolates. <i>BMC Microbiology</i> , 2006, 6, 44.	1.3	31
28	Clonal dissemination of carbapenemase-producing <i>Klebsiella pneumoniae</i> : Two distinct sub-lineages of Sequence Type 11 carrying blaKPC-2 and blaOXA-48. <i>International Journal of Antimicrobial Agents</i> , 2018, 52, 658-662.	1.1	30
29	Molecular characterization of clinical and environmental <i>Vibrio parahaemolyticus</i> isolates in Taiwan. <i>International Journal of Food Microbiology</i> , 2013, 165, 18-26.	2.1	28
30	Azithromycin-Nonsusceptible <i>Shigella flexneri</i> 3a in Men Who Have Sex with Men, Taiwan, 2015–2016. <i>Emerging Infectious Diseases</i> , 2016, 23, 345-346.	2.0	28
31	Cephalosporin and Ciprofloxacin Resistance in <i>Salmonella</i> , Taiwan. <i>Emerging Infectious Diseases</i> , 2005, 18, 947-950.	2.0	27
32	Epidemiologic Relationship between Fluoroquinolone-Resistant <i>Salmonella enterica</i> Serovar Choleraesuis Strains Isolated from Humans and Pigs in Taiwan (1997 to 2002). <i>Journal of Clinical Microbiology</i> , 2005, 43, 2798-2804.	1.8	27
33	Multilocus variable-number tandem repeat analysis for molecular typing and phylogenetic analysis of <i>Shigella flexneri</i> . <i>BMC Microbiology</i> , 2009, 9, 278.	1.3	27
34	Characterization of 13 multi-drug resistant <i>Salmonella</i> serovars from different broiler chickens associated with those of human isolates. <i>BMC Microbiology</i> , 2010, 10, 86.	1.3	27
35	A pulsed-field gel electrophoresis typing scheme for <i>Vibrio parahaemolyticus</i> isolates from fifteen countries. <i>International Journal of Food Microbiology</i> , 2007, 114, 280-287.	2.1	25
36	Global Distribution of <i>Shigella sonnei</i> Clones. <i>Emerging Infectious Diseases</i> , 2011, 17, 1910-1912.	2.0	24

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37	Shigellosis outbreak among MSM living with HIV: a case-control study in Taiwan, 2015-2016. Sexually Transmitted Infections, 2019, 95, 67-70.	0.8	24
38	New Multidrug-Resistant <i>Salmonella enterica</i> Serovar Anatum Clone, Taiwan, 2015-2017. Emerging Infectious Diseases, 2019, 25, 144-147.	2.0	23
39	Comparison of multilocus variable-number tandem repeat analysis and pulsed-field gel electrophoresis in molecular subtyping of <i>Salmonella enterica</i> serovars Paratyphi A. Diagnostic Microbiology and Infectious Disease, 2011, 69, 1-6.	0.8	22
40	Human isolates of <i>Salmonella enterica</i> serovar Typhimurium from Taiwan displayed significantly higher levels of antimicrobial resistance than those from Denmark. International Journal of Food Microbiology, 2013, 161, 69-75.	2.1	22
41	Detection of <i>Salmonella</i> in Chicken Meat by Insulated Isothermal PCR. Journal of Food Protection, 2013, 76, 1322-1329.	0.8	21
42	Clonal dissemination of the multi-drug resistant <i>Salmonella enterica</i> serovar Braenderup, but not the serovar Bareilly, of prevalent serogroup C1 <i>Salmonella</i> from Taiwan. BMC Microbiology, 2009, 9, 264.	1.3	20
43	Molecular epidemiology of <i>Mycobacterium abscessus</i> infections in a subtropical chronic ventilatory setting. Journal of Medical Microbiology, 2010, 59, 1203-1211.	0.7	19
44	Multilocus variable-number tandem repeat analysis as a molecular tool for subtyping and phylogenetic analysis of bacterial pathogens. Expert Review of Molecular Diagnostics, 2010, 10, 5-7.	1.5	19
45	Molecular characterization of antimicrobial susceptibility of <i>Salmonella</i> isolates: First identification of a plasmid carrying qnrD or oqxAB in Taiwan. Journal of Microbiology, Immunology and Infection, 2017, 50, 214-223.	1.5	19
46	Chromosome-Mediated Multidrug Resistance in <i>Salmonella enterica</i> Serovar Typhi. Antimicrobial Agents and Chemotherapy, 2015, 59, 721-723.	1.4	18
47	The first imported case of extensively drug-resistant <i>Salmonella enterica</i> serotype Typhi infection in Taiwan and the antimicrobial therapy. Journal of Microbiology, Immunology and Infection, 2021, 54, 740-744.	1.5	18
48	Cloning and characterization of the carp prolactin gene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1088, 315-318.	2.4	17
49	Construction of a Pan-Genome Allele Database of <i>Salmonella enterica</i> Serovar Enteritidis for Molecular Subtyping and Disease Cluster Identification. Frontiers in Microbiology, 2016, 7, 2010.	1.5	17
50	Genetic Relationships among Multidrug-Resistant <i>Salmonella enterica</i> Serovar Typhimurium Strains from Humans and Animals. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	17
51	Use of multilocus variable-number tandem repeat analysis in molecular subtyping of <i>Salmonella enterica</i> serovar Typhi isolates. Journal of Medical Microbiology, 2012, 61, 223-232.	0.7	16
52	Usefulness of pulsed-field gel electrophoresis profiles for the determination of <i>Salmonella</i> serovars. International Journal of Food Microbiology, 2015, 214, 1-3.	2.1	16
53	Transmission and evolution of OXA-48-producing <i>Klebsiella pneumoniae</i> ST11 in a single hospital in Taiwan. Journal of Antimicrobial Chemotherapy, 2019, 75, 318-326.	1.3	16
54	Cocarriage of Distinct <i>bla</i> _{KPC-2} and <i>bla</i> _{OXA-48} Plasmids in a Single Sequence Type 11 Carbapenem-Resistant <i>Klebsiella pneumoniae</i> Isolate. Antimicrobial Agents and Chemotherapy, 2019, 63, .	1.4	16

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55	Multidrug-resistant <i>Salmonella enterica</i> serovar Panama carrying class 1 integrons is invasive in Taiwanese children. <i>Journal of the Formosan Medical Association</i> , 2013, 112, 269-275.	0.8	15
56	Antimicrobial Resistance in <i>Campylobacter coli</i> and <i>Campylobacter jejuni</i> from Human Campylobacteriosis in Taiwan, 2016 to 2019. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, AAC0173621.	1.4	15
57	Emergence of Multidrug-Resistant <i>Salmonella enterica</i> Serovar Goldcoast Strains in Taiwan and International Spread of the ST358 Clone. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	14
58	<i>Salmonella enterica</i> Serovar Typhi Variants in Long-Term Carriers. <i>Journal of Clinical Microbiology</i> , 2013, 51, 669-672.	1.8	12
59	Two ST11 <i>Klebsiella pneumoniae</i> strains exacerbate colorectal tumorigenesis in a colitis-associated mouse model. <i>Gut Microbes</i> , 2021, 13, 1980348.	4.3	12
60	Molecular Epidemiology of <i>Shigella</i> in a Taiwan Township during 1996 to 2000. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3078-3088.	1.8	11
61	A simple and low-cost paper-bridged method for <i>Salmonella</i> phase reversal. <i>Diagnostic Microbiology and Infectious Disease</i> , 2006, 54, 315-317.	0.8	11
62	Conversion of <i>Shigella flexneri</i> serotype 2a to serotype Y in a shigellosis patient due to a single amino acid substitution in the protein product of the bacterial glucosyltransferase gene. <i>FEMS Microbiology Letters</i> , 2003, 224, 277-283.	0.7	10
63	Foodborne disease outbreaks caused by sucrose-nonfermenting and β -galactosidase-deficient variants of <i>Vibrio cholerae</i> . <i>International Journal of Food Microbiology</i> , 2008, 122, 148-155.	2.1	10
64	Association of the shuffling of <i>Streptococcus pyogenes</i> clones and the fluctuation of scarlet fever cases between 2000 and 2006 in central Taiwan. <i>BMC Microbiology</i> , 2009, 9, 115.	1.3	10
65	Molecular typing and epidemiology of <i>Clostridium difficile</i> in respiratory care wards of central Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 65-71.	1.5	10
66	Usefulness of Inter-IS 1 Spacer Polymorphisms for Subtyping of <i>Shigella sonnei</i> Isolates. <i>Journal of Clinical Microbiology</i> , 2006, 44, 3928-3933.	1.8	9
67	Combined <i>rpo B</i> duplex PCR and <i>hsp65</i> PCR restriction fragment length polymorphism with capillary electrophoresis as an effective algorithm for identification of <i>Mycobacterial</i> species from clinical isolates. <i>BMC Microbiology</i> , 2012, 12, 137.	1.3	9
68	Suitable restriction enzyme for standardization of pulsed-field gel electrophoresis protocol and interlaboratory comparison of <i>Acinetobacter baumannii</i> . <i>Journal of Microbiology, Immunology and Infection</i> , 2013, 46, 195-201.	1.5	9
69	A Large Outbreak of Salmonellosis Associated with Sandwiches Contaminated with Multiple Bacterial Pathogens Purchased via an Online Shopping Service. <i>Foodborne Pathogens and Disease</i> , 2014, 11, 230-233.	0.8	9
70	The association of <i>Salmonella enterica</i> from aquatic environmental and clinical samples in Taiwan. <i>Science of the Total Environment</i> , 2018, 624, 106-113.	3.9	9
71	Reduction of <i>Salmonella enterica</i> serovar <i>Choleraesuis</i> carrying large virulence plasmids after the foot and mouth disease outbreak in swine in southern Taiwan, and their independent evolution in human and pig. <i>Journal of Microbiology, Immunology and Infection</i> , 2012, 45, 418-425.	1.5	8
72	A simple approach to obtain comparable <i>Shigella sonnei</i> MLVA results across laboratories. <i>International Journal of Medical Microbiology</i> , 2013, 303, 678-684.	1.5	8

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73	Draft genome sequence of CTX-M-type β -lactamase-producing <i>Klebsiella quasipneumoniae</i> subsp. <i>similipneumoniae</i> isolated from a Box turtle. <i>Journal of Global Antimicrobial Resistance</i> , 2018, 12, 235-236.	0.9	8
74	Emergence of <i>Vibrio cholerae</i> O1 Sequence Type 75 in Taiwan. <i>Emerging Infectious Diseases</i> , 2020, 26, 164-166.	2.0	8
75	The suitable restriction enzymes for pulsed-field gel electrophoresis analysis of <i>Bordetella pertussis</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2006, 56, 217-219.	0.8	7
76	Evaluation of restriction enzymes for standardizing pulsed-field gel electrophoresis protocol for rapid subtyping of <i>Vibrio parahaemolyticus</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2008, 61, 251-255.	0.8	7
77	Prolonged clonal spreading and dynamic changes in antimicrobial resistance of <i>Escherichia coli</i> ST68 among patients who stayed in a respiratory care ward. <i>Journal of Medical Microbiology</i> , 2014, 63, 1531-1541.	0.7	7
78	Integrative and Conjugative Element-Mediated Azithromycin Resistance in Multidrug-Resistant <i>Salmonella enterica</i> Serovar Albany. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	7
79	Suitable restriction enzymes for pulsed-field gel electrophoresis analysis of <i>Candida tropicalis</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 57, 451-454.	0.8	6
80	Comparison of the pulsed field gel electrophoresis patterns and virulence profiles of the multidrug resistant strains of <i>Salmonella enterica</i> serovar Schwarzengrund isolated from chicken meat and humans in Taiwan. <i>Food Research International</i> , 2012, 45, 978-983.	2.9	6
81	Infrequent cross-transmission of <i>Shigella flexneri</i> 2a strains among villages of a mountainous township in Taiwan with endemic shigellosis. <i>BMC Infectious Diseases</i> , 2013, 13, 354.	1.3	6
82	Highly prevalent emmSTG840.0 and emmSTC839.0 types of erythromycin non-susceptible group G <i>Streptococcus</i> isolated from bacteremia in southern Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 831-838.	1.5	6
83	Colonization dynamics of <i>Klebsiella pneumoniae</i> in the pet animals and human owners in a single household. <i>Veterinary Microbiology</i> , 2021, 256, 109050.	0.8	6
84	<i>Clostridium difficile</i> PCR Ribotype 027 Emerges in Taiwan. <i>Japanese Journal of Infectious Diseases</i> , 2015, 68, 338-340.	0.5	5
85	cgMLST@Taiwan: A web service platform for <i>Vibrio cholerae</i> cgMLST profiling and global strain tracking. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 102-106.	1.5	5
86	Clustered Regularly Interspaced Short Palindromic Repeats Are emm Type-Specific in Highly Prevalent Group A <i>Streptococci</i> . <i>PLoS ONE</i> , 2015, 10, e0145223.	1.1	5
87	Changing epidemiology of shigellosis in Taiwan, 2010-2019: an emerging threat to HIV-infected patients and men who have sex with men. <i>Emerging Microbes and Infections</i> , 2022, 11, 498-506.	3.0	5
88	Identification of prophage gene z2389 in <i>Escherichia coli</i> EDL933 encoding a DNA cytosine methyltransferase for full protection of NotI sites. <i>International Journal of Medical Microbiology</i> , 2010, 300, 296-303.	1.5	3
89	Liver abscess caused by <i>Klebsiella pneumoniae</i> in a red-footed tortoise. <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 347-349.	1.5	3
90	<i>Salmonella enterica</i> serotype typhimurium and <i>S. Stanley</i> differ in genomic evolutionary patterns and early immune responses in human THP-1 cell line and CD14+ monocytes. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2019, 63, 10-16.	0.7	3

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91	RamAp, an efflux pump regulator carried by an IncHI2 plasmid. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, , AAC0115221.	1.4	3
92	A nosocomial salmonellosis outbreak caused by blaOXA-48â€‘carrying, extensively drug-resistant <i>Salmonella enterica</i> serovar Goldcoast in a hospital respiratory care ward in Taiwan. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 29, 331-338.	0.9	3
93	Demographic Features of Invasive Meningococcal Disease in Taiwan, 1993 to 2020, and Genetic Characteristics of <i>Neisseria meningitidis</i> Isolates, 2003 to 2020. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	3
94	Assessment of metrics in next-generation sequencing experiments for use in core-genome multilocus sequence type. <i>PeerJ</i> , 2021, 9, e11842.	0.9	2
95	Microbiological and genomic investigations of invasive <i>Salmonella enterica</i> serovar Panama from a large outbreak in Taiwan. <i>Journal of the Formosan Medical Association</i> , 2021, 121, 660-660.	0.8	1
96	Investigation of a salmonellosis outbreak linked to French toast sandwich with the use of surveillance camera, Taiwan, 2018. <i>Epidemiology and Infection</i> , 2020, 148, e100.	1.0	0
97	Association between <i>Escherichia coli</i> with NotI-restriction resistance and urinary tract infections. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 686-694.	1.5	0