

Cheng-Yen Kao

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

957
citations

567144

15
h-index

477173

29
g-index

40
all docs

40
docs citations

40
times ranked

1601
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Helicobacter pylori</i> infection: An overview of bacterial virulence factors and pathogenesis. Biomedical Journal, 2016, 39, 14-23.	1.4	314
2	Defeating Antibiotic-Resistant Bacteria: Exploring Alternative Therapies for a Post-Antibiotic Era. International Journal of Molecular Sciences, 2020, 21, 1061.	1.8	97
3	Characterization of CRISPR-Cas Systems in Clinical <i>Klebsiella pneumoniae</i> Isolates Uncovers Its Potential Association With Antibiotic Susceptibility. Frontiers in Microbiology, 2018, 9, 1595.	1.5	42
4	Plasmid-mediated quinolone resistance determinants in quinolone-resistant <i>Escherichia coli</i> isolated from patients with bacteremia in a university hospital in Taiwan, 2001–2015. Scientific Reports, 2016, 6, 32281.	1.6	39
5	Heteroresistance of <i>Helicobacter pylori</i> from the same patient prior to antibiotic treatment. Infection, Genetics and Evolution, 2014, 23, 196-202.	1.0	38
6	Overproduction of active efflux pump and variations of OprD dominate in imipenem-resistant <i>Pseudomonas aeruginosa</i> isolated from patients with bloodstream infections in Taiwan. BMC Microbiology, 2016, 16, 107.	1.3	35
7	Complete genome sequence of <i>Lactobacillus pentosus</i> SLC13, isolated from mustard pickles, a potential probiotic strain with antimicrobial activity against foodborne pathogenic microorganisms. Gut Pathogens, 2018, 10, 1.	1.6	34
8	Higher Motility Enhances Bacterial Density and Inflammatory Response in Dyspeptic Patients Infected with <i>Helicobacter pylori</i> . Helicobacter, 2012, 17, 411-416.	1.6	31
9	Combination of modified carbapenem inactivation method (mCIM) and EDTA-CIM (eCIM) for phenotypic detection of carbapenemase-producing Enterobacteriaceae. BMC Microbiology, 2020, 20, 315.	1.3	31
10	Gemifloxacin Can Partially Overcome Quinolone Resistance of <i>H. pylori</i> with <i>gyrA</i> Mutation in Taiwan. Helicobacter, 2012, 17, 210-215.	1.6	27
11	An integrated microfluidic system for diagnosis of the resistance of <i>Helicobacter pylori</i> to quinolone-based antibiotics. Biosensors and Bioelectronics, 2016, 78, 281-289.	5.3	24
12	CsrA Regulates <i>Helicobacter pylori</i> J99 Motility and Adhesion by Controlling Flagella Formation. Helicobacter, 2014, 19, 443-454.	1.6	19
13	Molecular characterization of antimicrobial susceptibility of <i>Salmonella</i> isolates: First identification of a plasmid carrying <i>qnrD</i> or <i>oqxAB</i> in Taiwan. Journal of Microbiology, Immunology and Infection, 2017, 50, 214-223.	1.5	19
14	<i>H. pylori</i> clinical isolates have diverse <i>babA5</i> genotype distributions over different topographic sites of stomach with correlation to clinical disease outcomes. BMC Microbiology, 2012, 12, 89.	1.3	18
15	Molecular characterization of extended-spectrum β -lactamase-producing <i>Escherichia coli</i> and <i>Klebsiella</i> spp. isolates in Mongolia. Journal of Microbiology, Immunology and Infection, 2016, 49, 692-700.	1.5	18
16	Length of Thymidine Homopolymeric Repeats Modulates Promoter Activity of <i>sabA</i> in <i>Helicobacter pylori</i> . Helicobacter, 2012, 17, 203-209.	1.6	15
17	<i>Escherichia coli</i> urinary tract infections: Host age-related differences in bacterial virulence factors and antimicrobial susceptibility. Journal of Microbiology, Immunology and Infection, 2022, 55, 249-256.	1.5	14
18	Inactivation of ferric uptake regulator (Fur) attenuates <i>Helicobacter pylori</i> J99 motility by disturbing the flagellar motor switch and autoinducer-2 production. Helicobacter, 2017, 22, e12388.	1.6	13

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19	Comparative Genomics of Escherichia coli Sequence Type 219 Clones From the Same Patient: Evolution of the Inc11 blaCMY-Carrying Plasmid in Vivo. <i>Frontiers in Microbiology</i> , 2018, 9, 1518.	1.5	12
20	Uremic Toxin-Producing Bacteroides Species Prevail in the Gut Microbiota of Taiwanese CKD Patients: An Analysis Using the New Taiwan Microbiome Baseline. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 726256.	1.8	12
21	The Helicobacter pylori J99 jhp0106 Gene, under the Control of the CsrA/RpoN Regulatory System, Modulates Flagella Formation and Motility. <i>Frontiers in Microbiology</i> , 2017, 8, 483.	1.5	11
22	Fermented soymilk and soy and cow milk mixture, supplemented with orange peel fiber or Tremella flava fermented powder as prebiotics for high exopolysaccharide-producing Lactobacillus pentosus SLC 13. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4373-4382.	1.7	10
23	Mutation of the Transcriptional Regulator Ytol Rescues Listeria monocytogenes Mutants Deficient in the Essential Shared Metabolite 1,4-Dihydroxy-2-Naphthoate (DHNA). <i>Infection and Immunity</i> , 2019, 88, .	1.0	9
24	Characterization of high exopolysaccharide-producing Lactobacillus strains isolated from mustard pickles for potential probiotic applications. <i>International Microbiology</i> , 2017, 20, 75-84.	1.1	8
25	Distinct Characteristics of Escherichia coli Isolated from Patients with Urinary Tract Infections in a Medical Center at a Ten-Year Interval. <i>Pathogens</i> , 2021, 10, 1156.	1.2	7
26	Orange Peel Fiber and Tremella flava Fermented Powder Effectively Induce Exopolysaccharide Production by Lactobacillus plantarum SLC. <i>International Journal of Agriculture and Biology</i> , 2017, 19, 437-444.	0.2	7
27	Intracellular Osteopontin Induced by CagA-positive Helicobacter pylori Promotes Beta-catenin Accumulation and Interleukin-8 Secretion in Gastric Epithelial cells. <i>Helicobacter</i> , 2015, 20, 476-484.	1.6	6
28	Accurate detection of oxacillin-resistant Staphylococcus lugdunensis by use of agar dilution. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, , .	1.5	6
29	Dissemination of OXA-carbapenemase-producing Acinetobacter baumannii ST195 and ST642 in a Mongolian hospital. <i>Infection, Genetics and Evolution</i> , 2014, 28, 313-316.	1.0	5
30	Plasmid-mediated quinolone resistance determinants in fluoroquinolone-nonsusceptible Escherichia coli isolated from patients with urinary tract infections in a university hospital, 2009-2010 and 2020. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 30, 241-248.	0.9	5
31	Whole-genome-sequence-based characterization of an NDM-5-producing uropathogenic Escherichia coli EC1390. <i>BMC Microbiology</i> , 2022, 22, .	1.3	5
32	First report of the prevalence of extended-spectrum β -lactamase producing Escherichia coli in two Mongolian hospitals. <i>Infection, Genetics and Evolution</i> , 2014, 25, 66-68.	1.0	4
33	Complete Genome Sequence of Carbapenem-Resistant Klebsiella pneumoniae Strain 1756, Isolated from a Pus Specimen. <i>Genome Announcements</i> , 2017, 5, .	0.8	4
34	Glycosyltransferase Jhp0106 (PseE) contributes to flagellin maturation in Helicobacter pylori. <i>Helicobacter</i> , 2021, 26, e12787.	1.6	4
35	Genome Sequence and Annotation of Helicobacter pylori Strain Hp238, Isolated from a Taiwanese Patient with Mucosa-Associated Lymphoid Tissue Lymphoma. <i>Genome Announcements</i> , 2015, 3, .	0.8	3
36	First characterization of fluoroquinolone resistance mechanisms in CTX-M-producing Escherichia coli from Mongolia. <i>Infection, Genetics and Evolution</i> , 2016, 38, 79-81.	1.0	3

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37	Phylogenetic Distribution of CRISPR-Cas Systems in <i>Staphylococcus lugdunensis</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0124721.	1.2	3
38	A Longitudinal Nine-Year Study of the Molecular Epidemiology of Carbapenemase-Producing Enterobacterales Isolated From a Regional Hospital in Taiwan: Predominance of Carbapenemase KPC-2 and OXA-48. <i>Frontiers in Microbiology</i> , 2022, 13, 703113.	1.5	3
39	Untargeted Microbial Exometabolomics and Metabolomics Analysis of <i>Helicobacter pylori</i> J99 and jhp0106 Mutant. <i>Metabolites</i> , 2021, 11, 808.	1.3	2
40	An integrated microfluidic system for diagnosis of quinolones resistance of <i>Helicobacter pylori</i> . , 2014, , .		0