

Chyi-Liang Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9379376/publications.pdf>

Version: 2024-02-01

102
papers

2,159
citations

304743

22
h-index

289244

40
g-index

103
all docs

103
docs citations

103
times ranked

3280
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 infection in children: Transmission dynamics and clinical characteristics. <i>Journal of the Formosan Medical Association</i> , 2020, 119, 670-673.	1.7	309
2	Risk Factors and Outcome Analysis of <i>Acinetobacter baumannii</i> Complex Bacteremia in Critical Patients*. <i>Critical Care Medicine</i> , 2014, 42, 1081-1088.	0.9	123
3	Rise of community-onset urinary tract infection caused by extended-spectrum β -lactamase-producing <i>Escherichia coli</i> in children. <i>Journal of Microbiology, Immunology and Infection</i> , 2014, 47, 399-405.	3.1	110
4	Heterologous Production of <i>Clostridium cellulovorans</i> engB, Using Protease-Deficient <i>Bacillus subtilis</i> , and Preparation of Active Recombinant Cellulosomes. <i>Journal of Bacteriology</i> , 2002, 184, 76-81.	2.2	105
5	Nonribosomal Synthesis of Fengycin on an Enzyme Complex Formed by Fengycin Synthetases. <i>Journal of Biological Chemistry</i> , 2007, 282, 5608-5616.	3.4	59
6	Functional and Transcriptional Analyses of a Fengycin Synthetase Gene, <i>fenC</i> , from <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 1999, 181, 5060-5067.	2.2	56
7	Mechanisms of resistance to ciprofloxacin, ampicillin/sulbactam and imipenem in <i>Acinetobacter baumannii</i> clinical isolates in Taiwan. <i>International Journal of Antimicrobial Agents</i> , 2010, 35, 382-386.	2.5	51
8	Imipenem heteroresistance induced by imipenem in multidrug-resistant <i>Acinetobacter baumannii</i> : mechanism and clinical implications. <i>International Journal of Antimicrobial Agents</i> , 2011, 37, 302-308.	2.5	50
9	Clinical, Microbiologic, and Outcome Analysis of Mycotic Aortic Aneurysm: The Role of Endovascular Repair. <i>Surgical Infections</i> , 2014, 15, 290-298.	1.4	49
10	<i>Lactobacillus rhamnosus</i> sepsis associated with probiotic therapy in an extremely preterm infant: Pathogenesis and a review for clinicians. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 575-580.	3.1	42
11	<i>Clostridium innocuum</i> is a vancomycin-resistant pathogen that may cause antibiotic-associated diarrhoea. <i>Clinical Microbiology and Infection</i> , 2018, 24, 1195-1199.	6.0	40
12	A glimpse into evolution and dissemination of multidrug-resistant <i>Acinetobacter baumannii</i> isolates in East Asia: a comparative genomics study. <i>Scientific Reports</i> , 2016, 6, 24342.	3.3	39
13	Wide spread of Tn2006 in an <i>AbaR4</i> -type resistance island among carbapenem-resistant <i>Acinetobacter baumannii</i> clinical isolates in Taiwan. <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 163-167.	2.5	38
14	Increasing Ceftriaxone Resistance in <i>Salmonellae</i> , Taiwan. <i>Emerging Infectious Diseases</i> , 2011, 17, 1086-1090.	4.3	37
15	Transposon mutagenesis and cloning of the genes encoding the enzymes of fengycin biosynthesis in <i>Bacillus subtilis</i> . <i>Molecular Genetics and Genomics</i> , 1995, 248, 121-125.	2.4	35
16	PM2.5 impairs macrophage functions to exacerbate pneumococcus-induced pulmonary pathogenesis. <i>Particle and Fibre Toxicology</i> , 2020, 17, 37.	6.2	32
17	Pneumococcal disease and use of pneumococcal vaccines in Taiwan. <i>Clinical and Experimental Vaccine Research</i> , 2015, 4, 121.	2.2	30
18	Risk Factors and Outcome Analysis in Children with Carbon Monoxide Poisoning. <i>Pediatrics and Neonatology</i> , 2017, 58, 171-177.	0.9	29

#	ARTICLE	IF	CITATIONS
19	High prevalence and antimicrobial resistance of urinary tract infection isolates in febrile young children without localizing signs in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 243-248.	3.1	28
20	Characterization of Salmonella resistance to bile during biofilm formation. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 518-524.	3.1	27
21	Molecular Cloning and Characterization of Fengycin Synthetase Gene fenB from <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 1998, 180, 1338-1341.	2.2	27
22	Pathogenic Bacterial Nasopharyngeal Colonization and Its Impact on Respiratory Diseases in the First Year of Life. <i>Pediatric Infectious Disease Journal</i> , 2015, 34, 652-658.	2.0	25
23	Decreased antimicrobial resistance and defined daily doses after implementation of a clinical culture-guided antimicrobial stewardship program in a local hospital. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 846-856.	3.1	25
24	Serotype distribution and clinical correlation of <i>Streptococcus agalactiae</i> causing invasive disease in infants and children in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2019, 52, 578-584.	3.1	25
25	Emergence in Taiwan of novel imipenem-resistant <i>Acinetobacter baumannii</i> ST455 causing bloodstream infection in critical patients. <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 588-96.	3.1	24
26	Serotype distribution and resistance genes associated with macrolide and fluoroquinolone resistance in <i>Streptococcus agalactiae</i> isolates from a hospital in southern Taiwan. <i>Biomedical Journal</i> , 2015, 38, 215.	3.1	24
27	Emergence in Taiwan of novel norovirus GII.4 variants causing acute gastroenteritis and intestinal haemorrhage in children. <i>Journal of Medical Microbiology</i> , 2015, 64, 544-550.	1.8	23
28	Invasive pneumococcal disease caused by ceftriaxone-resistant <i>Streptococcus pneumoniae</i> in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2018, 51, 500-509.	3.1	23
29	Risk factors of late-onset neonatal sepsis in Taiwan: A matched case-control study. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 430-435.	3.1	22
30	Analysis of clinical parameters and echocardiography as predictors of fatal pediatric myocarditis. <i>PLoS ONE</i> , 2019, 14, e0214087.	2.5	22
31	Genome comparisons of two Taiwanese community-associated methicillin-resistant <i>Staphylococcus aureus</i> ST59 clones support the multi-origin theory of CA-MRSA. <i>Infection, Genetics and Evolution</i> , 2017, 54, 60-65.	2.3	21
32	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. <i>BMC Microbiology</i> , 2009, 9, 264.	3.3	20
33	Risk factors and molecular epidemiology of <i>Acinetobacter baumannii</i> bacteremia in neonates. <i>Journal of Microbiology, Immunology and Infection</i> , 2018, 51, 367-376.	3.1	20
34	Highly antimicrobial-resistant Nontyphoidal <i>Salmonella</i> from retail meats and clinical impact in children, Taiwan. <i>Pediatrics and Neonatology</i> , 2020, 61, 432-438.	0.9	20
35	Therapeutic Opinion on Endovascular Repair for Mycotic Aortic Aneurysm. <i>Annals of Vascular Surgery</i> , 2014, 28, 579-589.	0.9	19
36	Severe Viral Gastroenteritis in Children After Suboptimal Rotavirus Immunization in Taiwan. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 1335-1339.	2.0	18

#	ARTICLE	IF	CITATIONS
37	Application of next-generation sequencing to study ascitic microbiome in cirrhotic patients with or without spontaneous bacterial peritonitis. <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 504-509.	3.1	18
38	Gut Dysbiosis, Bacterial Colonization and Translocation, and Neonatal Sepsis in Very-Low-Birth-Weight Preterm Infants. <i>Frontiers in Microbiology</i> , 2021, 12, 746111.	3.5	18
39	Risk factors and outcomes of <i>Clostridium difficile</i> infection in hospitalized patients. <i>Biomedical Journal</i> , 2019, 42, 99-106.	3.1	17
40	Immunization with pneumococcal neuraminidases NanA, NanB and NanC to generate neutralizing antibodies and to increase survival in mice. <i>Journal of Medical Microbiology</i> , 2018, 67, 709-723.	1.8	17
41	Functional analysis of fengycin synthetase FenD. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2005, 1730, 159-164.	2.4	16
42	Construction of Tn917ac1, a transposon useful for mutagenesis and cloning of <i>Bacillus subtilis</i> genes. <i>Gene</i> , 1994, 150, 129-134.	2.2	15
43	Development of a LytE-based high-density surface display system in <i>Bacillus subtilis</i> . <i>Microbial Biotechnology</i> , 2008, 1, 177-190.	4.2	15
44	Impact of Molecular Epidemiology and Reduced Susceptibility to Glycopeptides and Daptomycin on Outcomes of Patients with Methicillin-Resistant <i>Staphylococcus aureus</i> Bacteremia. <i>PLoS ONE</i> , 2015, 10, e0136171.	2.5	15
45	Strangulated small bowel obstruction in children. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1313-1317.	1.6	15
46	Clinical and Microbiological Characteristics of Group B <i>Streptococcus</i> from Pregnant Women and Diseased Infants in Intrapartum Antibiotic Prophylaxis Era in Taiwan. <i>Scientific Reports</i> , 2019, 9, 13525.	3.3	15
47	Rhamnose Binding Protein as an Anti-Bacterial Agent Targeting Biofilm of <i>Pseudomonas aeruginosa</i> . <i>Marine Drugs</i> , 2019, 17, 355.	4.6	15
48	Activation of apoptosis by <i>Salmonella</i> pathogenicity island-1 effectors through both intrinsic and extrinsic pathways in <i>Salmonella</i> -infected macrophages. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 616-626.	3.1	15
49	Carbapenem-resistant-only <i>Pseudomonas aeruginosa</i> infection in patients formerly infected by carbapenem-susceptible strains. <i>International Journal of Antimicrobial Agents</i> , 2014, 44, 541-545.	2.5	13
50	Development of ceftriaxone resistance in <i>Salmonella enterica</i> serotype Oranienburg during therapy for bacteremia. <i>Journal of Microbiology, Immunology and Infection</i> , 2016, 49, 41-45.	3.1	13
51	Characterization of group B <i>Streptococcus</i> colonization in full-term and Late-Preterm neonates in Taiwan. <i>Pediatrics and Neonatology</i> , 2019, 60, 311-317.	0.9	13
52	Changing Antimicrobial Resistance and Epidemiology of Non-Typhoidal <i>Salmonella</i> Infection in Taiwanese Children. <i>Frontiers in Microbiology</i> , 2021, 12, 648008.	3.5	13
53	Analysis of pSC138, the multidrug resistance plasmid of <i>Salmonella enterica</i> serotype Choleraesuis SC-B67. <i>Plasmid</i> , 2011, 65, 132-140.	1.4	12
54	Serotype transmission dynamics and reduced incidence of invasive pneumococcal disease caused by different serotypes after implementation of non-pharmaceutical interventions during COVID-19 pandemic. <i>European Respiratory Journal</i> , 2021, 58, 2100978.	6.7	12

#	ARTICLE	IF	CITATIONS
55	Functional and molecular characterization of pSE34 encoding a type IV secretion system in <i>Salmonella enterica</i> serotype Enteritidis phage type 34. <i>FEMS Immunology and Medical Microbiology</i> , 2009, 57, 274-283.	2.7	11
56	Complicated norovirus infection and assessment of severity by a modified Vesikari disease score system in hospitalized children. <i>BMC Pediatrics</i> , 2016, 16, 162.	1.7	11
57	Genetic analysis of virulence and antimicrobial-resistant plasmid pOU7519 in <i>Salmonella enterica</i> serovar <i>Choleraesuis</i> . <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 49-59.	3.1	11
58	Time course and epidemiological features of COVID-19 resurgence due to cold-chain food or packaging contamination. <i>Biomedical Journal</i> , 2022, 45, 432-438.	3.1	11
59	Recognition of mechanisms involved in bile resistance important to halting antimicrobial resistance in nontyphoidal <i>Salmonella</i> . <i>International Journal of Antimicrobial Agents</i> , 2012, 40, 151-157.	2.5	10
60	IL-17A expression in the adenoid tissue from children with sleep disordered breathing and its association with pneumococcal carriage. <i>Scientific Reports</i> , 2018, 8, 16770.	3.3	10
61	Evaluation of the impact of 13-valent pneumococcal conjugate vaccine immunization in children by surveillance of culture-confirmed pneumococcal disease: A prospective clinical microbiological study. <i>Vaccine</i> , 2019, 37, 5147-5152.	3.8	10
62	Clinical and microbiological characteristics of recurrent group B streptococcal infection among non-pregnant adults. <i>International Journal of Infectious Diseases</i> , 2014, 26, 140-145.	3.3	9
63	Non-typeable <i>Streptococcus pneumoniae</i> infection in a medical center in Taiwan after wide use of pneumococcal conjugate vaccine. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 94-98.	3.1	9
64	Epidemiology of culture-confirmed infections of <i>Streptococcus pneumoniae</i> (2012-2015) and nasopharyngeal carriage in children and households in Taiwan (2014-2015). <i>Journal of Medical Microbiology</i> , 2017, 66, 729-736.	1.8	9
65	Prevalence, Serotypes, and Antimicrobial Resistance Patterns of Non-Typhoid <i>Salmonella</i> in Food in Northern Taiwan. <i>Pathogens</i> , 2022, 11, 705.	2.8	9
66	Roles of Glucitol in the GutR-mediated Transcription Activation Process in <i>Bacillus subtilis</i> . <i>Journal of Biological Chemistry</i> , 2001, 276, 9620-9625.	3.4	8
67	Thomsen-Friedenreich antigen activation as a predictor for clinical outcome of pediatric patients with invasive pneumococcal disease. <i>Pediatrics and Neonatology</i> , 2020, 61, 338-342.	0.9	8
68	d-mannose-sensitive pilus of <i>Acinetobacter baumannii</i> is linked to biofilm formation and adherence onto respiratory tract epithelial cells. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 69-79.	3.1	8
69	Case-Control Study of <i>Clostridium innocuum</i> Infection, Taiwan. <i>Emerging Infectious Diseases</i> , 2022, 28, 599-607.	4.3	8
70	Implementation of fecal microbiota transplantation in a medical center for recurrent or refractory <i>Clostridioides difficile</i> infection and report of preliminary outcome. <i>Biomedical Journal</i> , 2022, 45, 504-511.	3.1	7
71	The High mortality and antimicrobial resistance of <i>Klebsiella pneumoniae</i> bacteremia in northern Taiwan. <i>Journal of Infection in Developing Countries</i> , 2020, 14, 373-379.	1.2	7
72	Characterization of the role of global regulator FliA in the pathophysiology of <i>Pseudomonas aeruginosa</i> infection. <i>Research in Microbiology</i> , 2018, 169, 135-144.	2.1	6

#	ARTICLE	IF	CITATIONS
73	Persistence of immunity in children immunised with 13-valent pneumococcal conjugate vaccine and impact on nasopharyngeal carriage: a cross-sectional study. <i>Thorax</i> , 2020, 75, 689-692.	5.6	6
74	Divergent serotype distribution between children with otitis media and those without in the pneumococcal conjugate vaccine era. <i>Journal of Microbiology, Immunology and Infection</i> , 2020, 53, 1035-1038.	3.1	6
75	Point-of-Care Ultrasound May Reduce Misdiagnosis of Pediatric Intussusception. <i>Frontiers in Pediatrics</i> , 2021, 9, 601492.	1.9	6
76	Clinical and virological characteristics of viral shedding in children with norovirus gastroenteritis. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 1188-1194.	3.1	6
77	Transcription modulation of gene expression in <i>Salmonella enterica</i> serotype Choleraesuis by sub-inhibitory concentrations of ciprofloxacin. <i>Food Research International</i> , 2012, 45, 973-977.	6.2	5
78	Differential IL-17A response to <i>S. pneumoniae</i> in adenoid tissue of children with sleep disordered breathing and otitis media with effusion. <i>Scientific Reports</i> , 2019, 9, 19839.	3.3	5
79	Acute Fatal Alcohol Intoxication in a 3-Day-Old Neonate. <i>Pediatrics and Neonatology</i> , 2017, 58, 278-280.	0.9	4
80	Complete genome sequence of <i>Salmonella enterica</i> serovar Sendai shows H antigen convergence with <i>S. Miami</i> and recent divergence from <i>S. Paratyphi A</i> . <i>BMC Genomics</i> , 2019, 20, 398.	2.8	4
81	Hyperexpression of type III secretion system of <i>Salmonella Typhi</i> linked to a higher cytotoxic effect to monocyte-derived macrophages by activating inflammasome. <i>Microbial Pathogenesis</i> , 2020, 146, 104222.	2.9	4
82	Tissue microbiota in nasopharyngeal adenoid and its association with pneumococcal carriage. <i>Microbial Pathogenesis</i> , 2021, 157, 104999.	2.9	4
83	Evaluation of Gram-negative bacterial infection by a stable and conjugative bioluminescence plasmid in a mouse model. <i>Journal of Biomedical Science</i> , 2014, 21, 78.	7.0	3
84	Features and transmission dynamics of SARS-CoV-2 superspreading events in Taiwan: Implications for effective and sustainable community-centered control. <i>Pediatrics and Neonatology</i> , 2021, 62, 437-440.	0.9	3
85	Assessment of sleep-disordered breathing in pediatric otitis media with effusion. <i>Pediatrics and Neonatology</i> , 2021, , .	0.9	3
86	<i>Salmonella</i> -Infected Aortic Aneurysm: Investigating Pathogenesis Using <i>Salmonella</i> Serotypes. <i>Polish Journal of Microbiology</i> , 2019, 68, 439-447.	1.7	3
87	Genomic analysis of maternal carriage of group B <i>Streptococcus</i> and transmission routes of neonatal sepsis. <i>Journal of Infection</i> , 2021, , .	3.3	3
88	Emergence and spread in Taiwan of multidrug-resistant serotypes of nontyphoidal <i>Salmonella</i> . <i>Infection</i> , 2022, 50, 475-482.	4.7	3
89	Characteristics and Risk Factors for Ischemic Ovary Torsion in Children. <i>Children</i> , 2022, 9, 206.	1.5	3
90	C-reactive Protein may Predict the Recurrence of Appendicitis in Children Formerly with Appendiceal Mass after Successful Non-operative Treatment. <i>Pediatrics and Neonatology</i> , 2017, 58, 350-354.	0.9	2

#	ARTICLE	IF	CITATIONS
91	An atlantoaxial rotatory subluxation secondary to a parapharyngeal abscess. <i>Pediatrics and Neonatology</i> , 2018, 59, 423-424.	0.9	2
92	Genomic surveillance reveals international circulation and local transmission of <i>Salmonella enterica</i> serovars Typhi and Paratyphi A in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 489-493.	3.1	2
93	A Near-fatal Case of Invasive Pneumococcal Disease in a Vaccinated Child. <i>Pediatrics and Neonatology</i> , 2016, 57, 76-78.	0.9	1
94	Response to letter to the editor: Kawasaki disease and COVID-19: A pretext for a hot topic. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 1282-1283.	1.7	1
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.	1.7	1
96	Validation of a point-of-need diagnostic tool for rapid diagnosis of norovirus gastroenteritis. <i>Pediatrics and Neonatology</i> , 2022, 63, 368-372.	0.9	1
97	Decreased antibiotic resistance and defined daily dose after implementation of antimicrobial stewardship program in a local hospital in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, S51-S52.	3.1	0
98	Foreign Body Mimicking a Granuloma in the Ear in an Asymptomatic Child. <i>Pediatrics and Neonatology</i> , 2017, 58, 289-290.	0.9	0
99	Pneumonia and empyema caused by <i>Methylobacterium</i> in a patient with X-linked chronic granulomatous disease. <i>Pediatrics and Neonatology</i> , 2019, 60, 584-586.	0.9	0
100	Role of Different <i>Salmonella enterica</i> Serotypes in THP-1 Macrophage Derived Foam Cell Autophagy and Inflammatory Response. <i>Sains Malaysiana</i> , 2019, 48, 2249-2256.	0.5	0
101	Caseâ€“Control Study of <i>Clostridium innocuum</i> Infection, Taiwan. <i>Emerging Infectious Diseases</i> , 2022, 28, 599-607.	4.3	0
102	Detecting Genetic Variation of Colonizing <i>Streptococcus agalactiae</i> Genomes in Humans: A Precision Protocol. <i>Frontiers in Bioinformatics</i> , 2022, 2, .	2.1	0