

# Chin-Yi Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/27829/publications.pdf>

Version: 2024-02-01

43  
papers

1,220  
citations

567281

15  
h-index

377865

34  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequence analysis and plasmid mobilization of a 6.6-kb kanamycin resistance plasmid, pSNC3-Kan, from a <i>Salmonella enterica</i> serotype Newport isolate. <i>PLoS ONE</i> , 2022, 17, e0268502.	2.5	1
2	Bacterial cell recovery after hollow fiber microfiltration sample concentration: Most probable bacterial composition in frozen vegetables. <i>LWT - Food Science and Technology</i> , 2021, 140, 110647.	5.2	1
3	Genomic Comparison of Conjugative Plasmids from <i>Salmonella enterica</i> and <i>Escherichia coli</i> Encoding Beta-Lactamases and Capable of Mobilizing Kanamycin Resistance Col-like Plasmids. <i>Microorganisms</i> , 2021, 9, 2205.	3.6	4
4	The complex multicellular morphology of the food spoilage bacteria <i>Brochothrix thermosphacta</i> strains isolated from ground chicken. <i>Canadian Journal of Microbiology</i> , 2020, 66, 303-312.	1.7	3
5	Impacts of Clarification Techniques on Sample Constituents and Pathogen Retention. <i>Foods</i> , 2019, 8, 636.	4.3	7
6	Implementation of normalized retention time (iRT) for bottom-up proteomic analysis of the aminoglycoside phosphotransferase enzyme facilitating method distribution. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4701-4708.	3.7	1
7	Deconvolution of the Error Associated with Random Sampling. <i>Advances in Pure Mathematics</i> , 2019, 09, 205-227.	0.3	1
8	Serogroup-level resolution of the "Super-7" Shiga toxin-producing <i>Escherichia coli</i> using nanopore single-molecule DNA sequencing. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 5439-5444.	3.7	5
9	Detection of acetyltransferase modification of kanamycin, an aminoglycoside antibiotic, in bacteria using ultrahigh-performance liquid chromatography tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1549-1556.	1.5	12
10	Rapid detection and quantification of aminoglycoside phosphorylation products using direct-infusion high-resolution and ultrahigh-performance liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1822-1828.	1.5	5
11	Isolation and characterization of two novel groups of kanamycin-resistance ColE1-like plasmids in <i>Salmonella enterica</i> serotypes from food animals. <i>PLoS ONE</i> , 2018, 13, e0193435.	2.5	6
12	Complete Genome Sequences of Two Strains of the Meat Spoilage Bacterium <i>Brochothrix thermosphacta</i> Isolated from Ground Chicken. <i>Genome Announcements</i> , 2017, 5, .	0.8	3
13	Genome amplification and promoter mutation expand the range of <i>csgD</i> -dependent biofilm responses in an STEC population. <i>Microbiology (United Kingdom)</i> , 2017, 163, 611-621.	1.8	6
14	<i>Stx<sub>1</sub></i> prophage excision in <i>Escherichia coli</i> strain PA20 confers strong curli and biofilm formation by restoring native <i>mlrA</i> . <i>FEMS Microbiology Letters</i> , 2016, 363, fnw123.	1.8	19
15	Whole-Genome Sequence of <i>Escherichia coli</i> Serotype O157:H7 Strain EDL932 (ATCC 43894). <i>Genome Announcements</i> , 2016, 4, .	0.8	4
16	Multiple mechanisms responsible for strong Congo-red-binding variants of <i>Escherichia coli</i> O157:H7 strains. <i>Pathogens and Disease</i> , 2016, 74, ftv123.	2.0	16
17	Genome sequencing and comparative genomics provides insights on the evolutionary dynamics and pathogenic potential of different H-serotypes of Shiga toxin-producing <i>Escherichia coli</i> O104. <i>BMC Microbiology</i> , 2015, 15, 83.	3.3	24
18	Complete Genome Sequence of <i>Campylobacter jejuni</i> YH001 from Beef Liver, Which Contains a Novel Plasmid. <i>Genome Announcements</i> , 2015, 3, .	0.8	4

#	ARTICLE	IF	CITATIONS
19	The near-quantitative sampling of genomic DNA from various food-borne Eubacteria. BMC Microbiology, 2014, 14, 326.	3.3	11
20	Growth media and temperature effects on biofilm formation by serotype O157:H7 and non-O157 Shiga toxin-producing <i>Escherichia coli</i> . FEMS Microbiology Letters, 2014, 354, 133-141.	1.8	42
21	Phage insertion in <i>mlrA</i> and variations in <i>rpoS</i> limit curli expression and biofilm formation in <i>Escherichia coli</i> serotype O157:H7. Microbiology (United Kingdom), 2013, 159, 1586-1596.	1.8	57
22	Phenotypic and Genotypic Characterization of Biofilm Forming Capabilities in Non-O157 Shiga Toxin-Producing <i>Escherichia coli</i> Strains. PLoS ONE, 2013, 8, e84863.	2.5	28
23	Peroxide resistance in <i>Escherichia coli</i> serotype O157:H7 biofilms is regulated by both RpoS-dependent and -independent mechanisms. Microbiology (United Kingdom), 2012, 158, 2225-2234.	1.8	13
24	A cloning vector for creation of <i>Escherichia coli</i> lacZ translational fusions and generation of linear template for chromosomal integration. Plasmid, 2012, 67, 259-263.	1.4	3
25	A method for correcting standard-based real-time PCR DNA quantitation when the standard's polymerase reaction efficiency is significantly different from that of the unknown's. Analytical and Bioanalytical Chemistry, 2012, 402, 2713-2725.	3.7	10
26	Sequence analysis of a group of low molecular-weight plasmids carrying multiple IS903 elements flanking a kanamycin resistance <i>aph</i> gene in <i>Salmonella enterica</i> serovars. Plasmid, 2011, 65, 246-252.	1.4	8
27	The relationship between purely stochastic sampling error and the number of technical replicates used to estimate concentration at an extreme dilution. Analytical and Bioanalytical Chemistry, 2010, 398, 895-903.	3.7	12
28	Characterization of small ColE1-like plasmids conferring kanamycin resistance in <i>Salmonella enterica</i> subsp. <i>enterica</i> serovars Typhimurium and Newport. Plasmid, 2010, 63, 150-154.	1.4	9
29	Evidence for a bimodal distribution of <i>Escherichia coli</i> doubling times below a threshold initial cell concentration. BMC Microbiology, 2010, 10, 207.	3.3	16
30	Quantitative analysis of viable, stressed and dead cells of <i>Campylobacter jejuni</i> strain 81-176. Food Microbiology, 2010, 27, 439-446.	4.2	37
31	Antimicrobial activity of spherical silver nanoparticles prepared using a biocompatible macromolecular capping agent: evidence for induction of a greatly prolonged bacterial lag phase. Journal of Nanobiotechnology, 2010, 8, 34.	9.1	30
32	Prevalence of ColE1-Like Plasmids and Kanamycin Resistance Genes in <i>Salmonella enterica</i> Serovars. Applied and Environmental Microbiology, 2010, 76, 6707-6714.	3.1	20
33	The biofilm forming potential of bacterial species in the genus <i>Campylobacter</i> . Food Microbiology, 2009, 26, 44-51.	4.2	69
34	Binding of nontarget microorganisms from food washes to anti- <i>Salmonella</i> and anti- <i>E. coli</i> O157 immunomagnetic beads: most probable composition of background Eubacteria. Analytical and Bioanalytical Chemistry, 2008, 391, 525-536.	3.7	14
35	Binding of nontarget microorganisms from food washes to anti- <i>Salmonella</i> and anti- <i>E. coli</i> O157 immunomagnetic beads: minimizing the errors of random sampling in extreme dilute systems. Analytical and Bioanalytical Chemistry, 2008, 391, 515-524.	3.7	10
36	Analysis of Al-2/LuxS-Dependent Transcription in <i>Campylobacter jejuni</i> Strain 81-176. Foodborne Pathogens and Disease, 2008, 5, 399-415.	1.8	54

#	ARTICLE	IF	CITATIONS
37	Complete nucleotide sequences of 84.5- and 3.2-kb plasmids in the multi-antibiotic resistant <i>Salmonella enterica</i> serovar Typhimurium U302 strain G8430. <i>Plasmid</i> , 2007, 57, 29-43.	1.4	45
38	DNA sequence of the <i>Escherichia coli</i> O103 O antigen gene cluster and detection of enterohemorrhagic <i>E. coli</i> O103 by PCR amplification of the <i>wzx</i> and <i>wzy</i> genes. <i>Canadian Journal of Microbiology</i> , 2005, 51, 515-522.	1.7	45
39	Single-chain Fv antibody with specificity for <i>Listeria monocytogenes</i> . <i>Journal of Immunological Methods</i> , 2004, 289, 147-155.	1.4	44
40	Blocking nonspecific adsorption of native food-borne microorganisms by immunomagnetic beads with $\beta$ -1-carrageenan. <i>Carbohydrate Research</i> , 2004, 339, 613-621.	2.3	15
41	A 6 $\mu$ l drop plate method for simultaneous colony counting and MPN enumeration of <i>Campylobacter jejuni</i> , <i>Listeria monocytogenes</i> , and <i>Escherichia coli</i> . <i>Journal of Microbiological Methods</i> , 2003, 55, 475-479.	1.6	357
42	Sequence of the <i>Escherichia coli</i> O121 O-Antigen Gene Cluster and Detection of Enterohemorrhagic <i>E. coli</i> O121 by PCR Amplification of the <i>wzx</i> and <i>wzy</i> Genes. <i>Journal of Clinical Microbiology</i> , 2003, 41, 3379-3383.	3.9	63
43	Quorum Sensing and Production of Autoinducer-2 in <i>Campylobacter</i> spp., <i>Escherichia coli</i> O157:H7, and <i>Salmonella enterica</i> Serovar Typhimurium in Foods. <i>Applied and Environmental Microbiology</i> , 2002, 68, 4666-4671.	3.1	86