

# I-Hsiu Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

965  
citations

471509

17  
h-index

454955

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pangenomic Study of <i>Corynebacterium diphtheriae</i> That Provides Insights into the Genomic Diversity of Pathogenic Isolates from Cases of Classical Diphtheria, Endocarditis, and Pneumonia. <i>Journal of Bacteriology</i> , 2012, 194, 3199-3215.	2.2	142
2	Disruption of the gene ( <i>spo0A</i> ) encoding sporulation transcription factor blocks endospore formation and enterotoxin production in enterotoxigenic <i>Clostridium perfringens</i> type A. <i>FEMS Microbiology Letters</i> , 2004, 233, 233-240.	1.8	82
3	Lauric Acid Is an Inhibitor of <i>Clostridium difficile</i> Growth in Vitro and Reduces Inflammation in a Mouse Infection Model. <i>Frontiers in Microbiology</i> , 2017, 8, 2635.	3.5	61
4	Differential response of <i>Streptococcus mutans</i> towards friend and foe in mixed-species cultures. <i>Microbiology (United Kingdom)</i> , 2011, 157, 2433-2444.	1.8	54
5	Disruption of the gene ( <i>spo0A</i> ) encoding sporulation transcription factor blocks endospore formation and enterotoxin production in enterotoxigenic <i>Clostridium perfringens</i> type A. <i>FEMS Microbiology Letters</i> , 2004, 233, 233-240.	1.8	52
6	Carbon Catabolite Repression of Type IV Pilus-Dependent Gliding Motility in the Anaerobic Pathogen <i>Clostridium perfringens</i> . <i>Journal of Bacteriology</i> , 2008, 190, 48-60.	2.2	51
7	Lethality of sortase depletion in <i>Actinomyces oris</i> caused by excessive membrane accumulation of a surface glycoprotein. <i>Molecular Microbiology</i> , 2014, 94, 1227-1241.	2.5	45
8	<i>Veillonella</i> Catalase Protects the Growth of <i>Fusobacterium nucleatum</i> in Microaerophilic and <i>Streptococcus gordonii</i> -Resident Environments. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	40
9	Inorganic Phosphate Induces Spore Morphogenesis and Enterotoxin Production in the Intestinal Pathogen <i>Clostridium perfringens</i> . <i>Infection and Immunity</i> , 2006, 74, 3651-3656.	2.2	38
10	Pilus Gene Pool Variation and the Virulence of <i>Corynebacterium diphtheriae</i> Clinical Isolates during Infection of a Nematode. <i>Journal of Bacteriology</i> , 2013, 195, 3774-3783.	2.2	37
11	Indocyanine Green-Mediated Photodynamic Therapy Reduces Methicillin-Resistant <i>Staphylococcus aureus</i> Drug Resistance. <i>Journal of Clinical Medicine</i> , 2019, 8, 411.	2.4	30
12	Predominance of <i>Clostridium difficile</i> Ribotypes O17 and O78 among Toxigenic Clinical Isolates in Southern Taiwan. <i>PLoS ONE</i> , 2016, 11, e0166159.	2.5	28
13	In vitro reconstitution of sortase-catalyzed pilus polymerization reveals structural elements involved in pilin cross-linking. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5477-E5486.	7.1	27
14	Structural Determinants of <i>Actinomyces</i> sortase SrtC2 Required for Membrane Localization and Assembly of Type 2 Fimbriae for Interbacterial Coaggregation and Oral Biofilm Formation. <i>Journal of Bacteriology</i> , 2012, 194, 2531-2539.	2.2	25
15	Photodynamic inactivation of methicillin-resistant <i>Staphylococcus aureus</i> by indocyanine green and near infrared light. <i>Dermatologica Sinica</i> , 2018, 36, 8-15.	0.5	25
16	The Crystal Structure Analysis of Group B <i>Streptococcus</i> Sortase C1: A Model for the Movement upon Substrate Binding. <i>Journal of Molecular Biology</i> , 2011, 414, 563-577.	4.2	21
17	Micro-colonization of arsenic-resistant <i>Staphylococcus</i> sp. As-3 on arsenopyrite (FeAsS) drives arsenic mobilization under anoxic sub-surface mimicking conditions. <i>Science of the Total Environment</i> , 2019, 669, 527-539.	8.0	20
18	Genes involved in the repression of mutacin I production in <i>Streptococcus mutans</i> . <i>Microbiology (United Kingdom)</i> , 2009, 155, 551-556.	1.8	19

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19	Genetic Relationships among Multidrug-Resistant <i>Salmonella enterica</i> Serovar Typhimurium Strains from Humans and Animals. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	17
20	The Transcriptional Regulator Lrp Contributes to Toxin Expression, Sporulation, and Swimming Motility in <i>Clostridium difficile</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 356.	3.9	17
21	Visualization of Gram-positive Bacterial Pili. <i>Methods in Molecular Biology</i> , 2013, 966, 77-95.	0.9	17
22	Immunization with Recombinant TcdB-Encapsulated Nanocomplex Induces Protection against <i>Clostridium difficile</i> Challenge in a Mouse Model. <i>Frontiers in Microbiology</i> , 2017, 8, 1411.	3.5	16
23	Complementation of a <i>Clostridium perfringens</i> spo0A Mutant with Wild-Type spo0A from Other <i>Clostridium</i> Species. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6388-6393.	3.1	14
24	Prevalence and characterization of enterotoxigenic <i>Bacteroides fragilis</i> and toxigenic <i>Clostridium difficile</i> in a Taipei emergency department. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 83-89.	3.1	13
25	Uremic Toxin-Producing <i>Bacteroides</i> Species Preval 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.	3.9	12
26	Advances in the Application of Nanomaterials as Treatments for Bacterial Infectious Diseases. <i>Pharmaceutics</i> , 2021, 13, 1913.	4.5	9
27	Swimming Pool-Associated <i>Vittaforma</i> -Like Microsporidia Linked to Microsporidial Keratoconjunctivitis Outbreak, Taiwan. <i>Emerging Infectious Diseases</i> , 2019, 25, 2100-2103.	4.3	8
28	Preliminary crystallographic study of the <i>Streptococcus agalactiae</i> sortases, sortase A and sortase C1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2010, 66, 1096-1100.	0.7	7
29	<i>Clostridioides difficile</i> spores stimulate inflammatory cytokine responses and induce cytotoxicity in macrophages. <i>Anaerobe</i> , 2021, 70, 102381.	2.1	7
30	Comparative genomic analysis of <i>Clostridium difficile</i> ribotype 027 strains including the newly sequenced strain NCKUH-21 isolated from a patient in Taiwan. <i>Gut Pathogens</i> , 2017, 9, 70.	3.4	6
31	<i>Clostridium perfringens</i>: Sporulation, Spore Resistance and Germination. <i>Bangladesh Journal of Microbiology</i> , 2008, 24, 1-8.	0.3	5
32	Functional analysis of <i>Clostridium difficile</i> sortase B reveals key residues for catalytic activity and substrate specificity. <i>Journal of Biological Chemistry</i> , 2020, 295, 3734-3745.	3.4	5
33	Structural Insights into Substrate Recognition by <i>Clostridium difficile</i> Sortase. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 160.	3.9	4
34	Perceptions of <i>Clostridium difficile</i> infections among infection control professionals in Taiwan. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 521-526.	3.1	4
35	Antiviral Drugs and Other Therapeutic Options for Dengue Virus Infection. <i>Current Treatment Options in Infectious Diseases</i> , 2017, 9, 185-193.	1.9	2
36	<i>Clostridium butyricum</i> therapy for mild-moderate <i>Clostridioides difficile</i> infection and the impact of diabetes mellitus. <i>Bioscience of Microbiota, Food and Health</i> , 2021, 41, 37-44.	1.8	2

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37	Hypervirulent <i>Clostridioides difficile</i> RT078 lineage isolates from the river: A potential reservoir for environmental transmission. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 977-981.	3.1	2