

# Chih-Ho Lai

## List of Publications by Year in descending order

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Version: 2024-02-01

98  
papers

2,421  
citations

172457

29  
h-index

289244

40  
g-index

99  
all docs

99  
docs citations

99  
times ranked

3639  
citing authors

#	ARTICLE	IF	CITATIONS
1	The central role of Sphingosine kinase 1 in the development of neuroendocrine prostate cancer (NEPC): A new targeted therapy of NEPC. <i>Clinical and Translational Medicine</i> , 2022, 12, e695.	4.0	8
2	Drosophila Model for Studying Gut Microbiota in Behaviors and Neurodegenerative Diseases. <i>Biomedicines</i> , 2022, 10, 596.	3.2	12
3	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
4	Implication of the IL-10-Expression Signature in the Pathogenicity of <i>Leptospira</i> -Infected Macrophages. <i>Microbiology Spectrum</i> , 2022, 10, .	3.0	1
5	<i>Helicobacter pylori</i> cholesterol- $\beta$ -glucosyltransferase manipulates cholesterol for bacterial adherence to gastric epithelial cells. <i>Virulence</i> , 2021, 12, 2341-2351.	4.4	8
6	Metformin Increases Survival in Hypopharyngeal Cancer Patients with Diabetes Mellitus: Retrospective Cohort Study and Cell-Based Analysis. <i>Pharmaceuticals</i> , 2021, 14, 191.	3.8	9
7	Bacterial Genotoxin-Coated Nanoparticles for Radiotherapy Sensitization in Prostate Cancer. <i>Biomedicines</i> , 2021, 9, 151.	3.2	7
8	Editorial: Role of Lipid Rafts in Anti-microbial Immune Response. <i>Frontiers in Immunology</i> , 2021, 12, 654776.	4.8	7
9	Multidrug resistance: The clinical dilemma of refractory <i>Helicobacter pylori</i> infection. <i>Journal of Microbiology, Immunology and Infection</i> , 2021, 54, 1184-1187.	3.1	22
10	RET Regulates Human Medullary Thyroid Cancer Cell Proliferation through CDK5 and STAT3 Activation. <i>Biomolecules</i> , 2021, 11, 860.	4.0	7
11	Incidence and Effects of Acquisition of the Phage-Encoded <i>ssa</i> Superantigen Gene in Invasive Group A <i>Streptococcus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 685343.	3.5	2
12	Targeting Tumor Cells with Nanoparticles for Enhanced Co-Drug Delivery in Cancer Treatment. <i>Pharmaceuticals</i> , 2021, 13, 1327.	4.5	7
13	Statins <sup>™</sup> Regulation of the Virulence Factors of <i>Helicobacter pylori</i> and the Production of ROS May Inhibit the Development of Gastric Cancer. <i>Antioxidants</i> , 2021, 10, 1293.	5.1	9
14	From DNA Damage to Cancer Progression: Potential Effects of Cytolethal Distending Toxin. <i>Frontiers in Immunology</i> , 2021, 12, 760451.	4.8	7
15	Helium/Argon-Generated Cold Atmospheric Plasma Facilitates Cutaneous Wound Healing. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 683.	4.1	32
16	Rescue therapy with rifabutin regimen for refractory <i>Helicobacter pylori</i> infection with dual drug-resistant strains. <i>BMC Gastroenterology</i> , 2020, 20, 218.	2.0	12
17	Fine Particulate Matter Exposure Alters Pulmonary Microbiota Composition and Aggravates <i>Pneumococcus</i> -Induced Lung Pathogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 570484.	3.7	23
18	PM2.5 impairs macrophage functions to exacerbate pneumococcus-induced pulmonary pathogenesis. <i>Particle and Fibre Toxicology</i> , 2020, 17, 37.	6.2	32

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19	Single amino acid utilization for bacterial categorization. <i>Scientific Reports</i> , 2020, 10, 12686.	3.3	16
20	Nanotheranostics With the Combination of Improved Targeting, Therapeutic Effects, and Molecular Imaging. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 570490.	4.1	8
21	Long-Term Surveillance of Antibiotic Prescriptions and the Prevalence of Antimicrobial Resistance in Non-Fermenting Gram-Negative Bacilli. <i>Microorganisms</i> , 2020, 8, 397.	3.6	11
22	Cellular evasion strategies of <i>Helicobacter pylori</i> in regulating its intracellular fate. <i>Seminars in Cell and Developmental Biology</i> , 2020, 101, 59-67.	5.0	22
23	<i>Campylobacter jejuni</i> Cytolethal Distending Toxin C Exploits Lipid Rafts to Mitigate <i>Helicobacter pylori</i> -Induced Pathogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 617419.	3.7	5
24	IFN $\gamma$ -Induced IFIT5 Promotes Epithelial-to-Mesenchymal Transition in Prostate Cancer via miRNA Processing. <i>Cancer Research</i> , 2019, 79, 1098-1112.	0.9	63
25	Future Aspects of CDK5 in Prostate Cancer: From Pathogenesis to Therapeutic Implications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3881.	4.1	17
26	The paracrine induction of prostate cancer progression by caveolin-1. <i>Cell Death and Disease</i> , 2019, 10, 834.	6.3	41
27	<i>Helicobacter pylori</i> Induces IL-33 Production and Recruits ST-2 to Lipid Rafts to Exacerbate Inflammation. <i>Cells</i> , 2019, 8, 1290.	4.1	16
28	The roles and mechanism of IFIT5 in bladder cancer epithelial-mesenchymal transition and progression. <i>Cell Death and Disease</i> , 2019, 10, 437.	6.3	21
29	Clinical Evaluation of CA72-4 for Screening Gastric Cancer in a Healthy Population: A Multicenter Retrospective Study. <i>Cancers</i> , 2019, 11, 733.	3.7	27
30	Downregulation of Human DAB2IP Gene Expression in Renal Cell Carcinoma Results in Resistance to Ionizing Radiation. <i>Clinical Cancer Research</i> , 2019, 25, 4542-4551.	7.0	19
31	Coalescence of RAGE in Lipid Rafts in Response to Cytolethal Distending Toxin-Induced Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 109.	4.8	14
32	Antibacterial activity of ovatodiolide isolated from <i>Anisomeles indica</i> against <i>Helicobacter pylori</i> . <i>Scientific Reports</i> , 2019, 9, 4205.	3.3	10
33	Arecoline Promotes Migration of A549 Lung Cancer Cells through Activating the EGFR/Src/FAK Pathway. <i>Toxins</i> , 2019, 11, 185.	3.4	22
34	Parameters Affecting the Antimicrobial Properties of Cold Atmospheric Plasma Jet. <i>Journal of Clinical Medicine</i> , 2019, 8, 1930.	2.4	22
35	Antrocin Sensitizes Prostate Cancer Cells to Radiotherapy through Inhibiting PI3K/AKT and MAPK Signaling Pathways. <i>Cancers</i> , 2019, 11, 34.	3.7	37
36	Probiotic <i>Lactobacillus</i> spp. act Against <i>Helicobacter pylori</i> -induced Inflammation. <i>Journal of Clinical Medicine</i> , 2019, 8, 90.	2.4	73

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37	Effects of Chinese herbal medicine therapy on survival and hepatic outcomes in patients with hepatitis C virus infection in Taiwan. <i>Phytomedicine</i> , 2019, 57, 30-38.	5.3	21
38	Effects of Chinese herbal medicine on hyperlipidemia and the risk of cardiovascular disease in HIV-infected patients in Taiwan. <i>Journal of Ethnopharmacology</i> , 2018, 219, 71-80.	4.1	23
39	Cytotoxicity and Survival Fitness of Invasive covS Mutant of Group A Streptococcus in Phagocytic Cells. <i>Frontiers in Microbiology</i> , 2018, 9, 2592.	3.5	3
40	Evaluation of Oral Antiretroviral Drugs in Mice With Metabolic and Neurologic Complications. <i>Frontiers in Pharmacology</i> , 2018, 9, 1004.	3.5	4
41	<i>Helicobacter pylori</i> cholesterol glucosylation modulates autophagy for increasing intracellular survival in macrophages. <i>Cellular Microbiology</i> , 2018, 20, e12947.	2.1	28
42	Simvastatin Therapy for Drug Repositioning to Reduce the Risk of Prostate Cancer Mortality in Patients With Hyperlipidemia. <i>Frontiers in Pharmacology</i> , 2018, 9, 225.	3.5	27
43	Simvastatin Sensitizes Radioresistant Prostate Cancer Cells by Compromising DNA Double-Strand Break Repair. <i>Frontiers in Pharmacology</i> , 2018, 9, 600.	3.5	24
44	Salmonella-Mediated Cytolethal Distending Toxin Transfer Inhibits Tumor Growth. <i>Human Gene Therapy</i> , 2018, 29, 1327-1335.	2.7	6
45	Phage display technique identifies the interaction of severe acute respiratory syndrome coronavirus open reading frame 6 protein with nuclear pore complex interacting protein NPIP3 in modulating Type I interferon antagonism. <i>Journal of Microbiology, Immunology and Infection</i> , 2017, 50, 277-285.	3.1	20
46	Induction of neuroendocrine differentiation in castration resistant prostate cancer cells by adipocyte differentiation-related protein (ADRP) delivered by exosomes. <i>Cancer Letters</i> , 2017, 391, 74-82.	7.2	29
47	<i>KCNQ1</i> variants associate with hypertension in type 2 diabetes and affect smooth muscle contractility in vitro. <i>Journal of Cellular Physiology</i> , 2017, 232, 3309-3316.	4.1	8
48	High Diversity of Antimicrobial Resistance Genes, Class 1 Integrons, and Genotypes of Multidrug-Resistant <i>Escherichia coli</i> in Beef Carcasses. <i>Microbial Drug Resistance</i> , 2017, 23, 915-924.	2.0	19
49	Statin Therapy Is Associated with Reduced Risk of Peptic Ulcer Disease in the Taiwanese Population. <i>Frontiers in Pharmacology</i> , 2017, 8, 210.	3.5	17
50	Cytolethal Distending Toxin Enhances Radiosensitivity in Prostate Cancer Cells by Regulating Autophagy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 223.	3.9	21
51	Genetic characteristic of class 1 integrons in proteus mirabilis isolates from urine samples.		

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55	Effect of antiretroviral therapy use and adherence on the risk of hyperlipidemia among HIV-infected patients, in the highly active antiretroviral therapy era. <i>Oncotarget</i> , 2017, 8, 106369-106381.	1.8	23
56	Mixed Infections of <i>Helicobacter pylori</i> Isolated from Patients with Gastrointestinal Diseases in Taiwan. <i>Gastroenterology Research and Practice</i> , 2016, 2016, 1-5.	1.5	12
57	Molecular Mechanisms and Potential Clinical Applications of <i>Campylobacter jejuni</i> Cytolethal Distending Toxin. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 9.	3.9	44
58	<i>Helicobacter pylori</i> Activates HMGB1 Expression and Recruits RAGE into Lipid Rafts to Promote Inflammation in Gastric Epithelial Cells. <i>Frontiers in Immunology</i> , 2016, 7, 341.	4.8	30
59	Cdk5 Directly Targets Nuclear p21CIP1 and Promotes Cancer Cell Growth. <i>Cancer Research</i> , 2016, 76, 6888-6900.	0.9	22
60	Nanoparticle Targeting CD44-Positive Cancer Cells for Site-Specific Drug Delivery in Prostate Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 30722-30734.	8.0	74
61	Modulation of T cell response by <i>Phellinus linteus</i> . <i>Journal of Bioscience and Bioengineering</i> , 2016, 121, 84-88.	2.2	11
62	Statin Decreases <i>Helicobacter pylori</i> Burden in Macrophages by Promoting Autophagy. <i>Frontiers in Cellular and Infection Microbiology</i> , 2016, 6, 203.	3.9	43
63	Statins Attenuate <i>Helicobacter pylori</i> CagA Translocation and Reduce Incidence of Gastric Cancer: In Vitro and Population-Based Case-Control Studies. <i>PLoS ONE</i> , 2016, 11, e0146432.	2.5	39
64	Genetic variants in PLCB4/PLCB1 as susceptibility loci for coronary artery aneurysm formation in Kawasaki disease in Han Chinese in Taiwan. <i>Scientific Reports</i> , 2015, 5, 14762.	3.3	34
65	Quantitative phosphoproteomic analysis reveals $\beta$ -bisabolene inducing p53-mediated apoptosis of human oral squamous cell carcinoma via HDAC2 inhibition and ERK1/2 activation. <i>Proteomics</i> , 2015, 15, 3296-3309.	2.2	24
66	The <i>CrdRS</i> two-component system in <i>Helicobacter pylori</i> responds to nitrosative stress. <i>Molecular Microbiology</i> , 2015, 97, 1128-1141.	2.5	18
67	Interleukin-13 Inhibits Lipopolysaccharide-Induced BPIFA1 Expression in Nasal Epithelial Cells. <i>PLoS ONE</i> , 2015, 10, e0143484.	2.5	8
68	The efficacy of immediate versus delayed antibiotic administration on bacterial growth and biofilm production of selected strains of uropathogenic <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> . <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2015, 41, 67-77.	1.5	9
69	Active Targeted Nanoparticles for Oral Administration of Gastric Cancer Therapy. <i>Biomacromolecules</i> , 2015, 16, 3021-3032.	5.4	65
70			

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73	Development of chitosan/heparin nanoparticle-encapsulated cytolethal distending toxin for gastric cancer therapy. <i>Nanomedicine</i> , 2014, 9, 803-817.	3.3	21
74	S100A8 as potential salivary biomarker of oral squamous cell carcinoma using nanoLC-MS/MS. <i>Clinica Chimica Acta</i> , 2014, 436, 121-129.	1.1	34
75	Sensitization of radio-resistant prostate cancer cells with a unique cytolethal distending toxin. <i>Oncotarget</i> , 2014, 5, 5523-5534.	1.8	21
76	Manipulation of host cholesterol by <i>Helicobacter pylori</i> for their beneficial ecological niche.		

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91	Prevalence of antimicrobial resistance in <i>Helicobacter pylori</i> isolates in Taiwan in relation to consumption of antimicrobial agents. <i>International Journal of Antimicrobial Agents</i> , 2009, 34, 162-165.	2.5	18
92	Nosocomial Outbreak of Infection With Multidrug-Resistant <i>Acinetobacter baumannii</i> in a Medical Center in Taiwan. <i>Infection Control and Hospital Epidemiology</i> , 2009, 30, 34-38.	1.8	50
93	Inhibition of <i>Helicobacter pylori</i> -induced inflammation in human gastric epithelial AGS cells by <i>Phyllanthus urinaria</i> extracts. <i>Journal of Ethnopharmacology</i> , 2008, 118, 522-526.	4.1	48
94	Cholesterol Depletion Reduces <i>Helicobacter pylori</i> CagA Translocation and CagA-Induced Responses in AGS Cells. <i>Infection and Immunity</i> , 2008, 76, 3293-3303.	2.2	100
95	Association of antibiotic resistance and higher internalization activity in resistant <i>Helicobacter pylori</i> isolates. <i>Journal of Antimicrobial Chemotherapy</i> , 2006, 57, 466-471.	3.0	50
96	Lower Prevalence of <i>Helicobacter pylori</i> Infection with <i>vacAs1a</i> , <i>cagA</i> -Positive, and <i>babA2</i> -Positive Genotype in Erosive Reflux Esophagitis Disease. <i>Helicobacter</i> , 2005, 10, 577-585.	3.5	24
97	High Prevalence of <i>cagA</i> - and <i>babA2</i> - Positive <i>Helicobacter pylori</i> Clinical Isolates in Taiwan. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3860-3862.	3.9	49
98	Gut Commensal <i>Parabacteroides goldsteinii</i> MTS01 Alters Gut Microbiota Composition and Reduces Cholesterol to Mitigate <i>Helicobacter pylori</i> -Induced Pathogenesis. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	11