Chih-Ho Lai

List of Publications by Year
in descending order

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98	2,421	172457	289244
papers	citations	29 h-index	40 g-index

99	99	99	3639
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cholesterol Depletion ReducesHelicobacter pyloriCagA Translocation and CagA-Induced Responses in AGS Cells. Infection and Immunity, 2008, 76, 3293-3303.	2.2	100
2	Nanoparticle Targeting CD44-Positive Cancer Cells for Site-Specific Drug Delivery in Prostate Cancer Therapy. ACS Applied Materials & Interfaces, 2016, 8, 30722-30734.	8.0	74
3	Probiotic Lactobacillus spp. act Against Helicobacter pylori-induced Inflammation. Journal of Clinical Medicine, 2019, 8, 90.	2.4	73
4	Kaempferol inhibits enterovirus 71 replication and internal ribosome entry site (IRES) activity through FUBP and HNRP proteins. Food Chemistry, 2011, 128, 312-322.	8.2	70
5	Active Targeted Nanoparticles for Oral Administration of Gastric Cancer Therapy. Biomacromolecules, 2015, 16, 3021-3032.	5.4	65
6	IFNÎ³-Induced IFIT5 Promotes Epithelial-to-Mesenchymal Transition in Prostate Cancer via miRNA Processing. Cancer Research, 2019, 79, 1098-1112.	0.9	63
7	Association of antibiotic resistance and higher internalization activity in resistant Helicobacter pylori isolates. Journal of Antimicrobial Chemotherapy, 2006, 57, 466-471.	3.0	50
8	Nosocomial Outbreak of Infection With Multidrug-ResistantAcinetobacter baumanniiin a Medical Center in Taiwan. Infection Control and Hospital Epidemiology, 2009, 30, 34-38.	1.8	50
9	High Prevalence of cagA - and babA2- Positive Helicobacter pylori Clinical Isolates in Taiwan. Journal of Clinical Microbiology, 2002, 40, 3860-3862.	3.9	49
10	Helicobacter pylori cholesteryl glucosides interfere with host membrane phase and affect type IV secretion system function during infection in AGS cells. Molecular Microbiology, 2012, 83, 67-84.	2.5	49
11	Inhibition of Helicobacter pylori-induced inflammation in human gastric epithelial AGS cells by Phyllanthus urinaria extracts. Journal of Ethnopharmacology, 2008, 118, 522-526.	4.1	48
12	Molecular Mechanisms and Potential Clinical Applications of Campylobacter jejuni Cytolethal Distending Toxin. Frontiers in Cellular and Infection Microbiology, 2016, 6, 9.	3.9	44
13	Cholesterol Depletion Reduces Entry of Campylobacter jejuni Cytolethal Distending Toxin and Attenuates Intoxication of Host Cells. Infection and Immunity, 2011, 79, 3563-3575.	2.2	43
14	Statin Decreases Helicobacter pylori Burden in Macrophages by Promoting Autophagy. Frontiers in Cellular and Infection Microbiology, 2016, 6, 203.	3.9	43
15	Ceramide and Toll-Like Receptor 4 Are Mobilized into Membrane Rafts in Response to Helicobacter pylori Infection in Gastric Epithelial Cells. Infection and Immunity, 2012, 80, 1823-1833.	2.2	42
16	The paracrine induction of prostate cancer progression by caveolin-1. Cell Death and Disease, 2019, 10, 834.	6.3	41
17	Preparation of epigallocatechin gallate-loaded nanoparticles and characterization of their inhibitory effects onHelicobacter pylorigrowthin vitroandin vivo. Science and Technology of Advanced Materials, 2014, 15, 045006.	6.1	39
18	Statins Attenuate Helicobacter pylori CagA Translocation and Reduce Incidence of Gastric Cancer: In Vitro and Population-Based Case-Control Studies. PLoS ONE, 2016, 11, e0146432.	2.5	39

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19	Inhibitory effect of Antrodia camphorata constituents on the Helicobacter pylori-associated gastric inflammation. Food Chemistry, 2010, 119, 149-153.	8.2	38
20	Antrocin Sensitizes Prostate Cancer Cells to Radiotherapy through Inhibiting PI3K/AKT and MAPK Signaling Pathways. Cancers, 2019, 11, 34.	3.7	37
21	Proteomics-based identification of haptoglobin as a novel plasma biomarker in oral squamous cell carcinoma. Clinica Chimica Acta, 2010, 411, 984-991.	1.1	35
22	Helicobacter pylori CagA-mediated IL-8 induction in gastric epithelial cells is cholesterol-dependent and requires the C-terminal tyrosine phosphorylation-containing domain. FEMS Microbiology Letters, 2011, 323, 155-163.	1.8	35
23	Zinc oxide nanoparticles impair bacterial clearance by macrophages. Nanomedicine, 2014, 9, 1327-1339.	3.3	34
24	S100A8 as potential salivary biomarker of oral squamous cell carcinoma using nanoLCâ€“MS/MS. Clinica Chimica Acta, 2014, 436, 121-129.	1.1	34
25	Genetic variants in PLCB4/PLCB1 as susceptibility loci for coronary artery aneurysm formation in Kawasaki disease in Han Chinese in Taiwan. Scientific Reports, 2015, 5, 14762.	3.3	34
26	Antibacterial activities of Anisomeles indica constituents and their inhibition effect on Helicobacter pylori-induced inflammation in human gastric epithelial cells. Food Chemistry, 2012, 132, 780-787.	8.2	33
27	Helium/Argon-Generated Cold Atmospheric Plasma Facilitates Cutaneous Wound Healing. Frontiers in Bioengineering and Biotechnology, 2020, 8, 683.	4.1	32
28	PM2.5 impairs macrophage functions to exacerbate pneumococcus-induced pulmonary pathogenesis. Particle and Fibre Toxicology, 2020, 17, 37.	6.2	32
29	Sensitization of Radioresistant Prostate Cancer Cells by Resveratrol Isolated from Arachis hypogaea Stems. PLoS ONE, 2017, 12, e0169204.	2.5	32
30	Characterization of Putative Cholesterol Recognition/Interaction Amino Acid Consensus-Like Motif of Campylobacter jejuni Cytolethal Distending Toxin C. PLoS ONE, 2013, 8, e66202.	2.5	30
31	Helicobacter pylori Activates HMGB1 Expression and Recruits RAGE into Lipid Rafts to Promote Inflammation in Gastric Epithelial Cells. Frontiers in Immunology, 2016, 7, 341.	4.8	30
32	Induction of neuroendocrine differentiation in castration resistant prostate cancer cells by adipocyte differentiation-related protein (ADRP) delivered by exosomes. Cancer Letters, 2017, 391, 74-82.	7.2	29
33	Helicobacter pyloricholesterol glucosylation modulates autophagy for increasing intracellular survival in macrophages. Cellular Microbiology, 2018, 20, e12947.	2.1	28
34	Simvastatin Therapy for Drug Repositioning to Reduce the Risk of Prostate Cancer Mortality in Patients With Hyperlipidemia. Frontiers in Pharmacology, 2018, 9, 225.	3.5	27
35	Clinical Evaluation of CA72-4 for Screening Gastric Cancer in a Healthy Population: A Multicenter Retrospective Study. Cancers, 2019, 11, 733.	3.7	27
36	Lower Prevalence of Helicobacter pylori Infection with vacAs1a, cagA-Positive, and babA2-Positive Genotype in Erosive Reflux Esophagitis Disease. Helicobacter, 2005, 10, 577-585.	3.5	24

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37	Quantitative phosphoproteomic analysis reveals Î³â€bisabolene inducing p53â€mediated apoptosis of human oral squamous cell carcinoma via HDAC2 inhibition and ERK1/2 activation. Proteomics, 2015, 15, 3296-3309.	2.2	24
38	Simvastatin Sensitizes Radioresistant Prostate Cancer Cells by Compromising DNA Double-Strand Break Repair. Frontiers in Pharmacology, 2018, 9, 600.	3.5	24
39	Multifunctional gentamicin supplementation of poly(Î³â€glutamic acid)â€based hydrogels for wound dressing application. Journal of Applied Polymer Science, 2011, 120, 1057-1068.	2.6	23
40	Effects of Chinese herbal medicine on hyperlipidemia and the risk of cardiovascular disease in HIV-infected patients in Taiwan. Journal of Ethnopharmacology, 2018, 219, 71-80.	4.1	23
41	Fine Particulate Matter Exposure Alters Pulmonary Microbiota Composition and Aggravates Pneumococcus-Induced Lung Pathogenesis. Frontiers in Cell and Developmental Biology, 2020, 8, 570484.	3.7	23
42	Effect of antiretroviral therapy use and adherence on the risk of hyperlipidemia among HIV-infected patients, in the highly active antiretroviral therapy era. Oncotarget, 2017, 8, 106369-106381.	1.8	23
43	Cdk5 Directly Targets Nuclear p21CIP1 and Promotes Cancer Cell Growth. Cancer Research, 2016, 76, 6888-6900.	0.9	22
44	Arecoline Promotes Migration of A549 Lung Cancer Cells through Activating the EGFR/Src/FAK Pathway. Toxins, 2019, 11, 185.	3.4	22
45	Parameters Affecting the Antimicrobial Properties of Cold Atmospheric Plasma Jet. Journal of Clinical Medicine, 2019, 8, 1930.	2.4	22
46	Cellular evasion strategies of Helicobacter pylori in regulating its intracellular fate. Seminars in Cell and Developmental Biology, 2020, 101, 59-67.	5.0	22
47	Multidrug resistance: The clinical dilemma of refractory Helicobacter pylori infection. Journal of Microbiology, Immunology and Infection, 2021, 54, 1184-1187.	3.1	22
48	Genetic characteristic of class 1 integrons in proteus mirabilis isolates from urine samples.		

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55	High Diversity of Antimicrobial Resistance Genes, Class 1 Integrons, and Genotypes of Multidrug-ResistantEscherichia coliin Beef Carcasses. Microbial Drug Resistance, 2017, 23, 915-924.	2.0	19
56	Downregulation of Human DAB2IP Gene Expression in Renal Cell Carcinoma Results in Resistance to Ionizing Radiation. Clinical Cancer Research, 2019, 25, 4542-4551.	7.0	19
57	Prevalence of antimicrobial resistance in Helicobacter pylori isolates in Taiwan in relation to consumption of antimicrobial agents. International Journal of Antimicrobial Agents, 2009, 34, 162-165.	2.5	18
58	Helicobacter pyloriattenuates lipopolysaccharide-induced nitric oxide production by murine macrophages. Innate Immunity, 2012, 18, 406-417.	2.4	18
59	Association of IS605 andcag-PAI ofHelicobacter pyloriIsolated from Patients with Gastrointestinal Diseases in Taiwan. Gastroenterology Research and Practice, 2013, 2013, 1-5.	1.5	18
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73	Modulation of T cell response by Phellinus linteus. Journal of Bioscience and Bioengineering, 2016, 121, 84-88.	2.2	11
74	Long-Term Surveillance of Antibiotic Prescriptions and the Prevalence of Antimicrobial Resistance in Non-Fermenting Gram-Negative Bacilli. Microorganisms, 2020, 8, 397.	3.6	11
75	Gut Commensal Parabacteroides goldsteinii MTS01 Alters Gut Microbiota Composition and Reduces Cholesterol to Mitigate Helicobacter pylori-Induced Pathogenesis. Frontiers in Immunology, 0, 13, .	4.8	11
76	Antibacterial activity of ovatodiolide isolated from Anisomeles indica against Helicobacter pylori. Scientific Reports, 2019, 9, 4205.	3.3	10
77	Characteristics of Chinese herbal medicine usage in ischemic heart disease patients among type 2 diabetes and their protection against hydrogen peroxide-mediated apoptosis in H9C2 cardiomyoblasts. Oncotarget, 2017, 8, 15470-15489.	1.8	10
78	The efficacy of immediate versus delayed antibiotic administration on bacterial growth and biofilm production of selected strains of uropathogenic Escherichia coli and Pseudomonas aeruginosa. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2015, 41, 67-77.	1.5	9
79	Metformin Increases Survival in Hypopharyngeal Cancer Patients with Diabetes Mellitus: Retrospective Cohort Study and Cell-Based Analysis. Pharmaceuticals, 2021, 14, 191.	3.8	9
80	Statinsâ€™ Regulation of the Virulence Factors of Helicobacter pylori and the Production of ROS May Inhibit the Development of Gastric Cancer. Antioxidants, 2021, 10, 1293.	5.1	9
81	Interleukin-13 Inhibits Lipopolysaccharide-Induced BPIFA1 Expression in Nasal Epithelial Cells. PLoS ONE, 2015, 10, e0143484.	2.5	8
82	KCNQ1 variants associate with hypertension in type 2 diabetes and affect smooth muscle contractility in vitro. Journal of Cellular Physiology, 2017, 232, 3309-3316.	4.1	8
83	Nanotheranostics With the Combination of Improved Targeting, Therapeutic Effects, and Molecular Imaging. Frontiers in Bioengineering and Biotechnology, 2020, 8, 570490.	4.1	8
84	Helicobacter pylori cholesterol-Î±-glucosyltransferase manipulates cholesterol for bacterial adherence to gastric epithelial cells. Virulence, 2021, 12, 2341-2351.	4.4	8
85	The central role of Sphingosine kinase 1 in the development of neuroendocrine prostate cancer (NEPC): A new targeted therapy of NEPC. Clinical and Translational Medicine, 2022, 12, e695.	4.0	8
86	Bacterial Genotoxin-Coated Nanoparticles for Radiotherapy Sensitization in Prostate Cancer. Biomedicines, 2021, 9, 151.	3.2	7
87	Editorial: Role of Lipid Rafts in Anti-microbial Immune Response. Frontiers in Immunology, 2021, 12, 654776.	4.8	7
88	RET Regulates Human Medullary Thyroid Cancer Cell Proliferation through CDK5 and STAT3 Activation. Biomolecules, 2021, 11, 860.	4.0	7
89	Targeting Tumor Cells with Nanoparticles for Enhanced Co-Drug Delivery in Cancer Treatment. Pharmaceutics, 2021, 13, 1327.	4.5	7
90	From DNA Damage to Cancer Progression: Potential Effects of Cytolethal Distending Toxin. Frontiers in Immunology, 2021, 12, 760451.	4.8	7

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91	Repeated Colonization by Multi-Drug-ResistantAcinetobacter calcoaceticusâ€“A. baumanniiComplex and Changes in Antimicrobial Susceptibilities in Surgical Intensive Care Units. Surgical Infections, 2013, 14, 43-48.	1.4	6
92	Salmonella-Mediated Cytolethal Distending Toxin Transfer Inhibits Tumor Growth. Human Gene Therapy, 2018, 29, 1327-1335.	2.7	6
93	Campylobacter jejuni Cytolethal Distending Toxin C Exploits Lipid Rafts to Mitigate Helicobacter pylori-Induced Pathogenesis. Frontiers in Cell and Developmental Biology, 2020, 8, 617419.	3.7	5
94	Evaluation of Oral Antiretroviral Drugs in Mice With Metabolic and Neurologic Complications. Frontiers in Pharmacology, 2018, 9, 1004.	3.5	4
95	Cytotoxicity and Survival Fitness of Invasive covS Mutant of Group A Streptococcus in Phagocytic Cells. Frontiers in Microbiology, 2018, 9, 2592.	3.5	3
96	Incidence and Effects of Acquisition of the Phage-Encoded ssa Superantigen Gene in Invasive Group A Streptococcus. Frontiers in Microbiology, 2021, 12, 685343.	3.5	2
97	Validation of a point-of-need diagnostic tool for rapid diagnosis of norovirus gastroenteritis. Pediatrics and Neonatology, 2022, 63, 368-372.	0.9	1
98	Implication of the IL-10-Expression Signature in the Pathogenicity of Leptospira -Infected Macrophages. Microbiology Spectrum, 2022, 10, .	3.0	1