

Hsin-Chih Lai

List of Publications by Year in descending order

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134
papers

7,260
citations

61857

43
h-index

66788

78
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138
all docs

138
docs citations

138
times ranked

9114
citing authors

#	ARTICLE	IF	CITATIONS
1	Ganoderma lucidum reduces obesity in mice by modulating the composition of the gut microbiota. Nature Communications, 2015, 6, 7489.	5.8	926
2	Gut commensal <i>Parabacteroides goldsteinii</i> plays a predominant role in the anti-obesity effects of polysaccharides isolated from <i>Hirsutiella sinensis</i> . Gut, 2019, 68, 248-262.	6.1	524
3	Probiotics, prebiotics and amelioration of diseases. Journal of Biomedical Science, 2019, 26, 3.	2.6	242
4	Anti-obesogenic and antidiabetic effects of plants and mushrooms. Nature Reviews Endocrinology, 2017, 13, 149-160.	4.3	213
5	Next generation probiotics in disease amelioration. Journal of Food and Drug Analysis, 2019, 27, 615-622.	0.9	212
6	Co-ordinate expression of virulence genes during swarm-cell differentiation and population migration of <i>Proteus mirabilis</i> . Molecular Microbiology, 1992, 6, 1583-1591.	1.2	200
7	The LuxR family protein SpnR functions as a negative regulator of N-acylhomoserine lactone-dependent quorum sensing in <i>Serratia marcescens</i> . Molecular Microbiology, 2002, 45, 1655-1671.	1.2	155
8	Community-based multiple screening model. Cancer, 2004, 100, 1734-1743.	2.0	150
9	Effects of obesity on depression: A role for inflammation and the gut microbiota. Brain, Behavior, and Immunity, 2018, 69, 1-8.	2.0	148
10	Gut microbiota modulates COPD pathogenesis: role of anti-inflammatory <i>Parabacteroides goldsteinii</i> lipopolysaccharide. Gut, 2022, 71, 309-321.	6.1	126
11	A cell-surface polysaccharide that facilitates rapid population migration by differentiated swarm cells of <i>Proteus mirabilis</i> . Molecular Microbiology, 1995, 17, 1167-1175.	1.2	125
12	Cell differentiation of <i>Proteus mirabilis</i> is initiated by glutamine, a specific chemoattractant for swarming cells. Molecular Microbiology, 1993, 8, 53-60.	1.2	119
13	Fluoroquinolone resistance in <i>Mycobacterium tuberculosis</i> isolates: associated genetic mutations and relationship to antimicrobial exposure. Journal of Antimicrobial Chemotherapy, 2007, 59, 860-865.	1.3	112
14	Inhibition of swarming and virulence factor expression in <i>Proteus mirabilis</i> by resveratrol. Journal of Medical Microbiology, 2006, 55, 1313-1321.	0.7	106
15	High Prevalence of Antimicrobial Resistance in Rapidly Growing Mycobacteria in Taiwan. Antimicrobial Agents and Chemotherapy, 2003, 47, 1958-1962.	1.4	105
16	NK cells kill mycobacteria directly by releasing perforin and granulysin. Journal of Leukocyte Biology, 2014, 96, 1119-1129.	1.5	105
17	Impact of the gut microbiota, prebiotics, and probiotics on human health and disease. Biomedical Journal, 2014, 37, 259.	1.4	99
18	Modulation of Swarming and Virulence by Fatty Acids through the RsbA Protein in <i>Proteus mirabilis</i> . Infection and Immunity, 2004, 72, 6836-6845.	1.0	95

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19	A simple gold nanoparticle probes assay for identification of Mycobacterium tuberculosis and Mycobacterium tuberculosis complex from clinical specimens. <i>Molecular and Cellular Probes</i> , 2009, 23, 240-246.	0.9	90
20	The RssAB Two-Component Signal Transduction System in <i>Serratia marcescens</i> Regulates Swarming Motility and Cell Envelope Architecture in Response to Exogenous Saturated Fatty Acids. <i>Journal of Bacteriology</i> , 2005, 187, 3407-3414.	1.0	79
21	Integrative metagenomic and metabolomic analyses reveal severity-specific signatures of gut microbiota in chronic kidney disease. <i>Theranostics</i> , 2020, 10, 5398-5411.	4.6	77
22	Like Cures Like: Pharmacological Activity of Anti-Inflammatory Lipopolysaccharides From Gut Microbiome. <i>Frontiers in Pharmacology</i> , 2020, 11, 554.	1.6	75
23	Role of RsmA in the regulation of swarming motility and virulence factor expression in <i>Proteus mirabilis</i> . <i>Journal of Medical Microbiology</i> , 2003, 52, 19-28.	0.7	73
24	Probiotic <i>Lactobacillus</i> spp. act Against <i>Helicobacter pylori</i> -induced Inflammation. <i>Journal of Clinical Medicine</i> , 2019, 8, 90.	1.0	73
25	groESL Sequence Determination, Phylogenetic Analysis, and Species Differentiation for Viridans Group Streptococci. <i>Journal of Clinical Microbiology</i> , 2002, 40, 3172-3178.	1.8	69
26	Performance Assessment of a Nested-PCR Assay (the RAPID BAP-MTB) and the BD ProbeTec ET System for Detection of <i>Mycobacterium tuberculosis</i> in Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2004, 42, 4599-4603.	1.8	69
27	Role of gut microbiota in identification of novel TCM-derived active metabolites. <i>Protein and Cell</i> , 2021, 12, 394-410.	4.8	69
28	Cost-effectiveness analysis for determining optimal cut-off of immunochemical faecal occult blood test for population-based colorectal cancer screening (KCIS 16). <i>Journal of Medical Screening</i> , 2007, 14, 191-199.	1.1	66
29	Gut Microbiota as Diagnostic Tools for Mirroring Disease Progression and Circulating Nephrotoxin Levels in Chronic Kidney Disease: Discovery and Validation Study. <i>International Journal of Biological Sciences</i> , 2020, 16, 420-434.	2.6	64
30	Graphene oxide-based SPR biosensor chip for immunoassay applications. <i>Nanoscale Research Letters</i> , 2014, 9, 445.	3.1	63
31	Wnt5A regulates ABCB1 expression in multidrug-resistant cancer cells through activation of the non-canonical PKA/ β -catenin pathway. <i>Oncotarget</i> , 2014, 5, 12273-12290.	0.8	63
32	Amplified surface plasmon resonance immunosensor for interferon-Gamma based on a streptavidin-incorporated aptamer. <i>Biosensors and Bioelectronics</i> , 2012, 37, 68-74.	5.3	60
33	RssAB-FlhDC-ShlBA as a Major Pathogenesis Pathway in <i>Serratia marcescens</i> . <i>Infection and Immunity</i> , 2010, 78, 4870-4881.	1.0	59
34	Cost-effectiveness analysis of colorectal cancer screening with stool DNA testing in intermediate-incidence countries. <i>BMC Cancer</i> , 2006, 6, 136.	1.1	58
35	Activation of an NLRP3 Inflammasome Restricts <i>Mycobacterium kansasii</i> Infection. <i>PLoS ONE</i> , 2012, 7, e36292.	1.1	57
36	A Mobile Quorum-Sensing System in <i>Serratia marcescens</i> . <i>Journal of Bacteriology</i> , 2006, 188, 1518-1525.	1.0	54

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37	Prediction of the Tuberculosis Reinfection Proportion from the Local Incidence. <i>Journal of Infectious Diseases</i> , 2007, 196, 281-288.	1.9	54
38	N-Acylhomoserine lactone-dependent cell-to-cell communication and social behavior in the genus <i>Serratia</i> . <i>International Journal of Medical Microbiology</i> , 2006, 296, 117-124.	1.5	51
39	Immunomodulatory Properties of Plants and Mushrooms. <i>Trends in Pharmacological Sciences</i> , 2017, 38, 967-981.	4.0	50
40	Identification of CD24 as a Cancer Stem Cell Marker in Human Nasopharyngeal Carcinoma. <i>PLoS ONE</i> , 2014, 9, e99412.	1.1	49
41	Direct and Simultaneous Identification of <i>Mycobacterium tuberculosis</i> complex (MTBC) and <i>Mycobacterium tuberculosis</i> (MTB) by Rapid Multiplex nested PCR-ICT assay. <i>Journal of Microbiological Methods</i> , 2006, 66, 440-448.	0.7	46
42	Pirin Regulates Pyruvate Catabolism by Interacting with the Pyruvate Dehydrogenase E1 Subunit and Modulating Pyruvate Dehydrogenase Activity. <i>Journal of Bacteriology</i> , 2007, 189, 109-118.	1.0	45
43	Investiture of next generation probiotics on amelioration of diseases “ Strains do matter. <i>Medicine in Microecology</i> , 2019, 1-2, 100002.	0.7	45
44	<i>cis</i> -Resveratrol produces anti-inflammatory effects by inhibiting canonical and non-canonical inflammasomes in macrophages. <i>Innate Immunity</i> , 2014, 20, 735-750.	1.1	43
45	Resveratrol ameliorates <i>Serratia marcescens</i> -induced acute pneumonia in rats. <i>Journal of Leukocyte Biology</i> , 2008, 83, 1028-1037.	1.5	40
46	Fish Tank Granuloma Caused by <i>Mycobacterium marinum</i> . <i>PLoS ONE</i> , 2012, 7, e41296.	1.1	40
47	Performance assessment of the Capilia TB assay and the BD ProbeTec ET system for rapid culture confirmation of <i>Mycobacterium tuberculosis</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2007, 59, 395-399.	0.8	39
48	The RssB/RssA two-component system regulates biosynthesis of the tripyrrole antibiotic, prodigiosin, in <i>Serratia marcescens</i> . <i>International Journal of Medical Microbiology</i> , 2010, 300, 304-312.	1.5	39
49	Rapid identification of <i>Mycobacterium tuberculosis</i> infection by a new array format-based surface plasmon resonance method. <i>Nanoscale Research Letters</i> , 2012, 7, 180.	3.1	39
50	Immunomodulatory properties of medicinal mushrooms: differential effects of water and ethanol extracts on NK cell-mediated cytotoxicity. <i>Innate Immunity</i> , 2016, 22, 522-533.	1.1	39
51	The medicinal fungus <i>Antrodia cinnamomea</i> suppresses inflammation by inhibiting the NLRP3 inflammasome. <i>Journal of Ethnopharmacology</i> , 2014, 155, 154-164.	2.0	38
52	<i>Hirsutella sinensis</i> mycelium attenuates bleomycin-induced pulmonary inflammation and fibrosis in vivo. <i>Scientific Reports</i> , 2015, 5, 15282.	1.6	37
53	Is the inflammasome relevant for epithelial cell function?. <i>Microbes and Infection</i> , 2016, 18, 93-101.	1.0	37
54	<i>Hirsutella sinensis</i> mycelium suppresses interleukin-1 β and interleukin-18 secretion by inhibiting both canonical and non-canonical inflammasomes. <i>Scientific Reports</i> , 2013, 3, 1374.	1.6	36

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55	Graphene-based Portable SPR Sensor for the Detection of Mycobacterium tuberculosis DNA Strain. <i>Procedia Engineering</i> , 2016, 168, 541-545.	1.2	36
56	The role of RsmA in the regulation of swarming motility in <i>Serratia marcescens</i> . <i>Journal of Biomedical Science</i> , 2001, 8, 160-169.	2.6	35
57	The Role of RsmA in the Regulation of Swarming Motility in <i>Serratia marcescens</i> . <i>Journal of Biomedical Science</i> , 2001, 8, 160-169.	2.6	35
58	Antimicrobial resistance in Mycobacterium abscessus complex isolated from patients with skin and soft tissue infections at a tertiary teaching hospital in Taiwan. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2782-2786.	1.3	35
59	The ATP-P2X7 Signaling Axis Is an Essential Sentinel for Intracellular Clostridium difficile Pathogen-Induced Inflammasome Activation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 84.	1.8	35
60	Regulation of Swarming Motility and <i>flhDC</i> Expression by RssAB Signaling in <i>Serratia marcescens</i> . <i>Journal of Bacteriology</i> , 2008, 190, 2496-2504.	1.0	34
61	Attenuation of lymphocyte immune responses during Mycobacterium avium complex-induced lung disease due to increasing expression of programmed death-1 on lymphocytes. <i>Scientific Reports</i> , 2017, 7, 42004.	1.6	34
62	Rapid screening of Mycobacterium tuberculosis complex (MTBC) in clinical samples by a modular portable biosensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 742-748.	4.0	34
63	Role of <i>flhDC</i> in the Expression of the Nuclease Gene <i>nucA</i> Cell Division and Flagellar Synthesis in <i>Serratia marcescens</i> . <i>Journal of Biomedical Science</i> , 2000, 7, 475-483.	2.6	33
64	Biosurfactant production by <i>Serratia marcescens</i> SS-1 and its isogenic strain SM ^Δ R defective in SpnR, a quorum-sensing LuxR family protein. <i>Biotechnology Letters</i> , 2004, 26, 799-802.	1.1	33
65	<i>Ganoderma lucidum</i> stimulates NK cell cytotoxicity by inducing NKG2D/NCR activation and secretion of perforin and granulysin. <i>Innate Immunity</i> , 2014, 20, 301-311.	1.1	33
66	NK Cell-Derived IFN- γ Protects against Nontuberculous Mycobacterial Lung Infection. <i>Journal of Immunology</i> , 2018, 201, 1478-1490.	0.4	33
67	An iron detection system determines bacterial swarming initiation and biofilm formation. <i>Scientific Reports</i> , 2016, 6, 36747.	1.6	31
68	Antimicrobial, Dehydroascorbate Reductase, and Monodehydroascorbate Reductase Activities of Defensin from Sweet Potato [<i>Ipomoea batatas</i> (L.) Lam. 'Tainong 57'] Storage Roots. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 2989-2995.	2.4	30
69	Rapid Identification of Mycobacteria from Smear-Positive Sputum Samples by Nested PCR-Restriction Fragment Length Polymorphism Analysis. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3591-3594.	1.8	30
70	<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.	2.2	30
71	Characterization of the <i>dapA-nlpB</i> Genetic Locus Involved in Regulation of Swarming Motility, Cell Envelope Architecture, Hemolysin Production, and Cell Attachment Ability in <i>Serratia marcescens</i> . <i>Infection and Immunity</i> , 2005, 73, 6075-6084.	1.0	29
72	Clinical manifestations, antibiotic susceptibility and molecular analysis of Mycobacterium kansasii isolates from a university hospital in Taiwan. <i>Journal of Antimicrobial Chemotherapy</i> , 2009, 64, 511-514.	1.3	28

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73	Resveratrol induces apoptosis of human nasopharyngeal carcinoma cells via activation of multiple apoptotic pathways. <i>Journal of Cellular Physiology</i> , 2011, 226, 720-728.	2.0	28
74	Diagnostic role of inflammatory and anti-inflammatory cytokines and effector molecules of cytotoxic T lymphocytes in tuberculous pleural effusion. <i>Respirology</i> , 2015, 20, 147-154.	1.3	28
75	Integration of metagenomics and metabolomics reveals specific signatures and functions of airway microbiota in mite-sensitized childhood asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2846-2857.	2.7	28
76	Speckled ZnO Nanograss Electrochemical Sensor for <i>Staphylococcus epidermidis</i> Detection. <i>Journal of the Electrochemical Society</i> , 2017, 164, B205-B211.	1.3	27
77	A swarming-defective mutant of <i>Proteus mirabilis</i> lacking a putative cation-transporting membrane P-type ATPase. <i>Microbiology (United Kingdom)</i> , 1998, 144, 1957-1961.	0.7	26
78	Molecular Epidemiology of <i>Clostridium difficile</i> at a Medical Center in Taiwan: Persistence of Genetically Clustering of A ⁺ B ⁺ Isolates and Increase of A+B ⁺ Isolates. <i>PLoS ONE</i> , 2013, 8, e75471.	1.1	26
79	Development of an improved PCR-ICT hybrid assay for direct detection of <i>Legionellae</i> and <i>Legionella pneumophila</i> from cooling tower water specimens. <i>Water Research</i> , 2006, 40, 2221-2229.	5.3	25
80	Activation of Multiple Apoptotic Pathways in Human Nasopharyngeal Carcinoma Cells by the Prenylated Isoflavone, Osajin. <i>PLoS ONE</i> , 2011, 6, e18308.	1.1	25
81	Performance of white organic light-emitting diode for portable optical biosensor. <i>Sensors and Actuators B: Chemical</i> , 2016, 222, 1058-1065.	4.0	25
82	Role of <i>flhDC</i> in the expression of the nuclease <i>genA</i> , cell division and flagellar synthesis in <i>Serratia marcescens</i> . <i>Journal of Biomedical Science</i> , 2000, 7, 475-483.	2.6	24
83	Sero-Diagnosis of <i>Mycobacterium avium</i> Complex Lung Disease Using Serum Immunoglobulin A Antibody against Glycopeptidolipid Antigen in Taiwan. <i>PLoS ONE</i> , 2013, 8, e80473.	1.1	24
84	ManA is regulated by RssAB signaling and promotes motility in <i>Serratia marcescens</i> . <i>Research in Microbiology</i> , 2014, 165, 21-29.	1.0	23
85	Subinhibitory Doses of Aminoglycoside Antibiotics Induce Changes in the Phenotype of <i>Mycobacterium abscessus</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6161-6169.	1.4	22
86	Relationships Among and Predictive Values of Obesity, Inflammation Markers, and Disease Severity in Pediatric Patients with Obstructive Sleep Apnea Before and After Adenotonsillectomy. <i>Journal of Clinical Medicine</i> , 2020, 9, 579.	1.0	22
87	Gold nanoparticle-assisted plasmonic enhancement for DNA detection on a graphene-based portable surface plasmon resonance sensor. <i>Nanotechnology</i> , 2021, 32, 095503.	1.3	22
88	Compositional and Functional Adaptations of Intestinal Microbiota and Related Metabolites in CKD Patients Receiving Dietary Protein Restriction. <i>Nutrients</i> , 2020, 12, 2799.	1.7	20
89	The bacterial metabolite 2,3-butanediol ameliorates endotoxin-induced acute lung injury in rats. <i>Microbes and Infection</i> , 2007, 9, 1402-1409.	1.0	19
90	Myths and Realities Surrounding the Mysterious Caterpillar Fungus. <i>Trends in Biotechnology</i> , 2017, 35, 1017-1021.	4.9	19

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91	Biochemical Characterization of RssA-RssB, a Two-Component Signal Transduction System Regulating Swarming Behavior in <i>Serratia marcescens</i> . <i>Journal of Bacteriology</i> , 2005, 187, 5683-5690.	1.0	18
92	Application of an OLED integrated with BEF and giant birefringent optical (GBO) film in a SPR biosensor. <i>Sensors and Actuators B: Chemical</i> , 2014, 198, 424-430.	4.0	18
93	Effect of Le Fort I Maxillary Advancement and Clockwise Rotation on the Anteromedial Cheek Soft Tissue Change in Patients with Skeletal Class III Pattern and Midface Deficiency: A 3D Imaging-Based Prediction Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 262.	1.0	18
94	Activation of NK cell cytotoxicity by the natural compound 2,3-butanediol. <i>Journal of Leukocyte Biology</i> , 2012, 92, 807-814.	1.5	17
95	<i>Antrodia cinnamomea</i> produces anti-angiogenic effects by inhibiting the VEGFR2 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2018, 220, 239-249.	2.0	17
96	Effect of Glucose Concentration on Swimming Motility in Enterobacteria. <i>Biochemical and Biophysical Research Communications</i> , 1997, 231, 692-695.	1.0	15
97	Use of Fluorescein Labelled Antibody and Fluorescence Activated Cell Sorter for Rapid Identification of <i>Mycobacterium</i> Species. <i>Biochemical and Biophysical Research Communications</i> , 1998, 250, 403-408.	1.0	14
98	The Anti-Tumorigenic Mushroom <i>Agaricus blazei</i> Murill Enhances IL-1 β Production and Activates the NLRP3 Inflammasome in Human Macrophages. <i>PLoS ONE</i> , 2012, 7, e41383.	1.1	14
99	Mab_3168c, a Putative Acetyltransferase, Enhances Adherence, Intracellular Survival and Antimicrobial Resistance of <i>Mycobacterium abscessus</i> . <i>PLoS ONE</i> , 2013, 8, e67563.	1.1	14
100	Decreased T helper 17 cells in tuberculosis is associated with increased percentages of programmed death ligand 1, T helper 2 and regulatory T cells. <i>Respiratory Research</i> , 2017, 18, 128.	1.4	14
101	Isolation, Culture and Characterization of <i>Hirsutella sinensis</i> Mycelium from Caterpillar Fungus Fruiting Body. <i>PLoS ONE</i> , 2017, 12, e0168734.	1.1	14
102	Cross-talk between bacterial two-component systems drives stepwise regulation of flagellar biosynthesis in swarming development. <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 70-75.	1.0	12
103	Interleukin 23/interleukin 17 axis activated by <i>Mycobacterium avium</i> complex (MAC) is attenuated in patients with MAC-lung disease. <i>Tuberculosis</i> , 2018, 110, 7-14.	0.8	12
104	Host immune response against environmental nontuberculous mycobacteria and the risk populations of nontuberculous mycobacterial lung disease. <i>Journal of the Formosan Medical Association</i> , 2020, 119, S13-S22.	0.8	12
105	Cheek soft tissue prediction in cleft orthognathic surgery: A 3D computer-assisted investigation with comparative analysis. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , 2021, 74, 2683-2693.	0.5	12
106	Single-layer graphene based SPR biochips for tuberculosis bacillus detection. <i>Proceedings of SPIE</i> , 2012, , .	0.8	11
107	Sensing performance of fibronectin-functionalized Au-EGFET on the detection of <i>S. epidermidis</i> biofilm and 16S rRNA of infection-related bacteria in peritoneal dialysis. <i>Sensors and Actuators B: Chemical</i> , 2015, 217, 92-99.	4.0	11
108	NLRP3 inflammasome is attenuated in patients with <i>Mycobacterium avium</i> complex lung disease and correlated with decreased interleukin-1 β response and host susceptibility. <i>Scientific Reports</i> , 2019, 9, 12534.	1.6	11

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109	Gut Commensal Parabacteroides goldsteinii MTS01 Alters Gut Microbiota Composition and Reduces Cholesterol to Mitigate Helicobacter pylori-Induced Pathogenesis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	11
110	Direct identification of mycobacteria from smear-positive sputum samples using an improved multiplex polymerase chain reaction assay. <i>Diagnostic Microbiology and Infectious Disease</i> , 2012, 72, 340-349.	0.8	10
111	RssAB Signaling Coordinates Early Development of Surface Multicellularity in <i>Serratia marcescens</i> . <i>PLoS ONE</i> , 2011, 6, e24154.	1.1	9
112	Rapid identification of <i>Mycobacterium avium</i> clinical isolates by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Journal of Microbiology, Immunology and Infection</i> , 2015, 48, 205-212.	1.5	9
113	Dietary Exposure to Antibiotic Residues Facilitates Metabolic Disorder by Altering the Gut Microbiota and Bile Acid Composition. <i>MSystems</i> , 2022, 7, .	1.7	9
114	Computer-Aided Planning in Orthognathic Surgery: A Comparative Study with the Establishment of Burstone Analysis-Derived 3D Norms. <i>Journal of Clinical Medicine</i> , 2019, 8, 2106.	1.0	8
115	Different Associations between Tonsil Microbiome, Chronic Tonsillitis, and Intermittent Hypoxemia among Obstructive Sleep Apnea Children of Different Weight Status: A Pilot Case-Control Study. <i>Journal of Personalized Medicine</i> , 2021, 11, 486.	1.1	8
116	Impact of Metabolic Surgery on Gut Microbiota and Sera Metabolomic Patterns among Patients with Diabetes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7797.	1.8	8
117	Alternative functions for the multifarious inflammasome. <i>Biomedical Journal</i> , 2016, 39, 183-187.	1.4	6
118	Pinicolol B from <i>Antrodia cinnamomea</i> induces apoptosis of nasopharyngeal carcinoma cells. <i>Journal of Ethnopharmacology</i> , 2017, 201, 117-122.	2.0	6
119	Outcome of full digital workflow for orthognathic surgery planning in the treatment of asymmetric skeletal class III deformity. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 2100-2112.	0.8	6
120	A potential acyltransferase regulates swarming in <i>Serratia marcescens</i> . <i>Biochemical and Biophysical Research Communications</i> , 2008, 371, 462-467.	1.0	5
121	The assessment of host and bacterial proteins in sputum from active pulmonary tuberculosis. <i>Journal of Microbiology</i> , 2016, 54, 761-767.	1.3	5
122	Ethanol extract of <i>Phellinus merrillii</i> protects against diethylnitrosamine- and 2-acetylaminofluorene-induced hepatocarcinogenesis in rats. <i>Chinese Journal of Integrative Medicine</i> , 2017, 23, 117-124.	0.7	5
123	Identification of hsa-miR-1275 as a Novel Biomarker Targeting MECP2 for Human Epilepsy of Unknown Etiology. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 19, 398-410.	1.8	5
124	Regulatory roles of spnT, a novel gene located within transposon TnTIR. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1038-1046.	1.0	4
125	Revealing the ultrastructure of the membrane pores of intact <i>Serratia marcescens</i> cells by atomic force microscopy. <i>Heliyon</i> , 2019, 5, e02636.	1.4	4
126	Microbiome technology empowers the development of traditional Chinese medicine. <i>Science China Life Sciences</i> , 2020, 63, 1759-1761.	2.3	4

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127	High-flow nasal cannula improves respiratory impedance evaluated by impulse oscillometry in chronic obstructive pulmonary disease patients: a randomised controlled trial. <i>Scientific Reports</i> , 2022, 12, 6981.	1.6	4
128	Current Dilemma and Developments in the Diagnosis of Mycobacterium tuberculosis Infection. <i>Journal of the Formosan Medical Association</i> , 2008, 107, 353-354.	0.8	3
129	Mono- and poly-functional T cells in nontuberculous mycobacteria lung disease patients: Implications in analyzing risk of disease progression. <i>Cytokine</i> , 2019, 120, 176-185.	1.4	3
130	Mushrooms - From cuisine to clinic. <i>Biomedical Journal</i> , 2014, 37, 343.	1.4	3
131	Unraveling the Role of the rscC Gene of <i>Serratia marcescens</i> by Atomic Force Microscopy. <i>Microscopy and Microanalysis</i> , 2010, 16, 755-763.	0.2	1
132	Kinetic analysis of graphene oxide sheet and protein interactions using surface plasmon resonance biosensors. , 2013, , .		0
133	C3A Epithelium Cells Directly Cultured on High-Dielectric Constant Material for Light-Addressable Potentiometric Sensor. <i>Proceedings (mdpi)</i> , 2018, 2, 1021.	0.2	0
134	A Multi-Well Thin-Si LAPS and All-in-One Readout System for Ion Activity Monitor of Epithelium Cells. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	0