

Ying-Chieh Tsai

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

3,318
citations

147726

31
h-index

155592

55
g-index

75
all docs

75
docs citations

75
times ranked

4079
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity in gut bacterial community of school-age children in Asia. <i>Scientific Reports</i> , 2015, 5, 8397.	1.6	221
2	Psychotropic effects of <i>Lactobacillus plantarum</i> PS128 in early life-stressed and naïve adult mice. <i>Brain Research</i> , 2016, 1631, 1-12.	1.1	211
3	Alteration of behavior and monoamine levels attributable to <i>Lactobacillus plantarum</i> PS128 in germ-free mice. <i>Behavioural Brain Research</i> , 2016, 298, 202-209.	1.2	189
4	Psychobiotics in mental health, neurodegenerative and neurodevelopmental disorders. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 632-648.	0.9	149
5	Production and Characterization of Keratinase of a Feather-degrading <i>Bacillus licheniformis</i> PWD-1. <i>Bioscience, Biotechnology and Biochemistry</i> , 1995, 59, 2239-2243.	0.6	138
6	Effects of <i>Lactobacillus plantarum</i> PS128 on Children with Autism Spectrum Disorder in Taiwan: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Nutrients</i> , 2019, 11, 820.	1.7	128
7	Ligustilide prevents LPS-induced iNOS expression in RAW 264.7 macrophages by preventing ROS production and down-regulating the MAPK, NF- κ B and AP-1 signaling pathways. <i>International Immunopharmacology</i> , 2011, 11, 1166-1172.	1.7	127
8	Bacterial Composition and Diversity in Breast Milk Samples from Mothers Living in Taiwan and Mainland China. <i>Frontiers in Microbiology</i> , 2017, 8, 965.	1.5	114
9	Oral administration of <i>Lactobacillus plantarum</i> K68 ameliorates DSS-induced ulcerative colitis in BALB/c mice via the anti-inflammatory and immunomodulatory activities. <i>International Immunopharmacology</i> , 2011, 11, 2159-2166.	1.7	102
10	Diversity of lactic acid bacteria in suan-tsai and fu-tsai, traditional fermented mustard products of Taiwan. <i>International Journal of Food Microbiology</i> , 2009, 135, 203-210.	2.1	98
11	Antidepressant-like activities of live and heat-killed <i>Lactobacillus paracasei</i> PS23 in chronic corticosterone-treated mice and possible mechanisms. <i>Brain Research</i> , 2019, 1711, 202-213.	1.1	98
12	Diversity of lactic acid bacteria in fermented brines used to make stinky tofu. <i>International Journal of Food Microbiology</i> , 2008, 123, 134-141.	2.1	93
13	Soyasaponin-I-modified invasive behavior of cancer by changing cell surface sialic acids. <i>Gynecologic Oncology</i> , 2005, 96, 415-422.	0.6	86
14	<i>Lactobacillus plantarum</i> PS128 alleviates neurodegenerative progression in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced mouse models of Parkinson's disease. <i>Brain, Behavior, and Immunity</i> , 2020, 90, 26-46.	2.0	86
15	New perspectives of <i>Lactobacillus plantarum</i> as a probiotic: The gut-heart-brain axis. <i>Journal of Microbiology</i> , 2018, 56, 601-613.	1.3	85
16	Soyasaponin I decreases the expression of α 2,3-linked sialic acid on the cell surface and suppresses the metastatic potential of B16F10 melanoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 614-619.	1.0	84
17	Inhibitory Effects of Citronellol and Geraniol on Nitric Oxide and Prostaglandin E2 Production in Macrophages. <i>Planta Medica</i> , 2010, 76, 1666-1671.	0.7	69
18	Analysis of bacterial diversity during the fermentation of inyu, a high-temperature fermented soy sauce, using nested PCR-denaturing gradient gel electrophoresis and the plate count method. <i>Food Microbiology</i> , 2013, 33, 252-261.	2.1	62

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19	Purification and characterization of a novel glucooligosaccharide oxidase from <i>Acremonium strictum</i> T1. <i>BBA - Proteins and Proteomics</i> , 1991, 1118, 41-47.	2.1	61
20	Crystal Structure of d-Aminoacylase from <i>Alcaligenes faecalis</i> DA1. <i>Journal of Biological Chemistry</i> , 2003, 278, 4957-4962.	1.6	54
21	Effect of <i>Lactobacillus plantarum</i> Strain K21 on High-Fat Diet-Fed Obese Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	54
22	Methyl Cinnamate Inhibits Adipocyte Differentiation via Activation of the CaMKK2-AMPK Pathway in 3T3-L1 Preadipocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 955-963.	2.4	53
23	Synergistic effect of bismuth subgallate and borneol, the major components of Sulbogin [®] , on the healing of skin wound. <i>Biomaterials</i> , 2003, 24, 3005-3012.	5.7	48
24	Soyasaponin I, a Potent and Specific Sialyltransferase Inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 466-469.	1.0	47
25	<i>Lactobacillus futsai</i> sp. nov., isolated from fu-tsai and suan-tsai, traditional Taiwanese fermented mustard products. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 489-494.	0.8	45
26	Production and Purification of d-Aminoacylase from <i>Alcaligenes denitrificans</i> and Taxonomic Study of the Strain. <i>Applied and Environmental Microbiology</i> , 1988, 54, 984-989.	1.4	43
27	The Functional Role of the Binuclear Metal Center in d-Aminoacylase. <i>Journal of Biological Chemistry</i> , 2004, 279, 13962-13967.	1.6	42
28	Supplementation of <i>Lactobacillus plantarum</i> K68 and Fruit-Vegetable Ferment along with High Fat-Fructose Diet Attenuates Metabolic Syndrome in Rats with Insulin Resistance. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-12.	0.5	41
29	±-Bulnesene, a PAF inhibitor isolated from the essential oil of <i>Pogostemon cablin</i> . <i>F-terap</i> , 2007, 78, 7-11.	1.1	40
30	Effects of <i>Lactobacillus plantarum</i> PS128 on Depressive Symptoms and Sleep Quality in Self-Reported Insomniacs: A Randomized, Double-Blind, Placebo-Controlled Pilot Trial. <i>Nutrients</i> , 2021, 13, 2820.	1.7	37
31	<i>Lactobacillus plantarum</i> PS128 ameliorates 2,5-Dimethoxy-4-iodoamphetamine-induced tic-like behaviors via its influences on the microbiota-gut-brain-axis. <i>Brain Research Bulletin</i> , 2019, 153, 59-73.	1.4	36
32	The Add-On Effect of <i>Lactobacillus plantarum</i> PS128 in Patients With Parkinson's Disease: A Pilot Study. <i>Frontiers in Nutrition</i> , 2021, 8, 650053.	1.6	36
33	Genome architecture of <i>Lactobacillus plantarum</i> PS128, a probiotic strain with potential immunomodulatory activity. <i>Gut Pathogens</i> , 2015, 7, 22.	1.6	29
34	Hypnotic Effects of <i>Lactobacillus fermentum</i> PS150TM on Pentobarbital-Induced Sleep in Mice. <i>Nutrients</i> , 2019, 11, 2409.	1.7	27
35	Characterization of d-Aminoacylase from <i>Alcaligenes denitrificans</i> DA181. <i>Bioscience, Biotechnology and Biochemistry</i> , 1992, 56, 1392-1395.	0.6	25
36	<i>Lactobacillus odoratitofui</i> sp. nov., isolated from stinky tofu brine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2903-2907.	0.8	25

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37	Gerobiotics: probiotics targeting fundamental aging processes. <i>Bioscience of Microbiota, Food and Health</i> , 2021, 40, 1-11.	0.8	25
38	Psychobiotic Supplementation of PS128™ Improves Stress, Anxiety, and Insomnia in Highly Stressed Information Technology Specialists: A Pilot Study. <i>Frontiers in Nutrition</i> , 2021, 8, 614105.	1.6	24
39	Purification and Characterization of d-Aminoacylase from <i>Alcaligenes faecalis</i> DA1. <i>Applied and Environmental Microbiology</i> , 1991, 57, 1259-1260.	1.4	24
40	Production and immobilization of d-aminoacylase of <i>Alcaligenes faecalis</i> DA1 for optical resolution of acids. <i>Enzyme and Microbial Technology</i> , 1992, 14, 384-389.	1.6	20
41	<i>Lactobacillus plantarum</i> PS128 Promotes Intestinal Motility, Mucin Production, and Serotonin Signaling in Mice. <i>Probiotics and Antimicrobial Proteins</i> , 2022, 14, 535-545.	1.9	20
42	<i>Lactobacillus plantarum</i> PS128 prevents cognitive dysfunction in Alzheimer's disease mice by modulating propionic acid levels, glycogen synthase kinase 3 beta activity, and gliosis. <i>BMC Complementary Medicine and Therapies</i> , 2021, 21, 259.	1.2	20
43	Calophyllolide Content in <i>Calophyllum inophyllum</i> at Different Stages of Maturity and Its Osteogenic Activity. <i>Molecules</i> , 2015, 20, 12314-12327.	1.7	19
44	The diversity of lactic acid bacteria in a traditional Taiwanese millet alcoholic beverage during fermentation. <i>LWT - Food Science and Technology</i> , 2013, 51, 135-142.	2.5	17
45	Oral Administration of Heat-Inactivated <i>Lactobacillus plantarum</i> K37 Modulated Airway Hyperresponsiveness in Ovalbumin-Sensitized BALB/c Mice. <i>PLoS ONE</i> , 2014, 9, e100105.	1.1	17
46	Inhibitory effects of <i>Pleurotus tuber-regium</i> mycelia and bioactive constituents on LPS-treated RAW 264.7 cells. <i>Journal of Functional Foods</i> , 2014, 7, 662-670.	1.6	17
47	Immunomodulatory Activity of <i>Lactococcus lactis</i> A17 from Taiwan Fermented Cabbage in OVA-Sensitized BALB/c Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	0.5	16
48	Structural-based mutational analysis of d-aminoacylase from <i>Alcaligenes faecalis</i> DA1. <i>Protein Science</i> , 2009, 11, 2545-2550.	3.1	15
49	<i>Lactobacillus fermentum</i> PS150 showed psychotropic properties by altering serotonergic pathway during stress. <i>Journal of Functional Foods</i> , 2019, 59, 352-361.	1.6	15
50	Production of novel oligosaccharide oxidase by wheat bran solid-state fermentation. <i>Biotechnology Advances</i> , 1993, 11, 417-427.	6.0	14
51	Effect of bismuth subgallate on nitric oxide and prostaglandin E2 production by macrophages. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 830-835.	1.0	13
52	Lung defects in neonatal and adult stromal-derived factor-1 conditional knockout mice. <i>Cell and Tissue Research</i> , 2010, 342, 75-85.	1.5	13
53	<i>Lactobacillus plantarum</i> PS128 Ameliorated Visceral Hypersensitivity in Rats Through the Gut-Brain Axis. <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 980-993.	1.9	13
54	Purification and characterization of a novel cellooligosaccharide oxidase from rice pathogen <i>Sarocladium oryzae</i> . <i>Enzyme and Microbial Technology</i> , 2006, 39, 85-91.	1.6	12

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55	Coculture Strategy for Developing <i>Lactobacillus paracasei</i> PS23 Fermented Milk with Anti-Colitis Effect. <i>Foods</i> , 2021, 10, 2337.	1.9	12
56	Microbial Diversity Analysis of Fermented Mung Beans (Lu-Doh-Huang) by Using Pyrosequencing and Culture Methods. <i>PLoS ONE</i> , 2013, 8, e63816.	1.1	10
57	Toxicity Studies of <i>Lactobacillus plantarum</i> PS128TM Isolated from Spontaneously Fermented Mustard Greens. <i>Foods</i> , 2019, 8, 668.	1.9	10
58	<i>Lactobacillus paracasei</i> PS23 dietary supplementation alleviates muscle aging via ghrelin stimulation in d-galactose-induced aging mice. <i>Journal of Functional Foods</i> , 2021, 85, 104651.	1.6	9
59	Microbial removal of polycyclic aromatic hydrocarbons by <i>phanerochaete chrysosporium</i> . <i>Water Science and Technology</i> , 1997, 35, 255-264.	1.2	9
60	Immobilization of glucooligosaccharide oxidase of <i>Acremonium strictum</i> for oligosaccharic acid production. <i>Biotechnology Letters</i> , 1996, 10, 63-68.	0.5	8
61	<i>Lactiplantibacillus plantarum</i> PS128 Alleviates Exaggerated Cortical Beta Oscillations and Motor Deficits in the 6-Hydroxydopamine Rat Model of Parkinson's Disease. <i>Probiotics and Antimicrobial Proteins</i> , 2023, 15, 312-325.	1.9	8
62	<i>Lactobacillus fermentum</i> PS150 promotes non-rapid eye movement sleep in the first night effect of mice. <i>Scientific Reports</i> , 2021, 11, 16313.	1.6	8
63	Randomized Controlled Trial of Probiotic PS128 in Children with Tourette Syndrome. <i>Nutrients</i> , 2021, 13, 3698.	1.7	8
64	Alpha 2,6-Sialyltransferase I Expression in the Placenta of Patients with Preeclampsia. <i>Journal of the Chinese Medical Association</i> , 2007, 70, 152-158.	0.6	7
65	Porcine epidemic diarrhea virus papain-like protease 2 can be noncompetitively inhibited by 6-thioguanine. <i>Antiviral Research</i> , 2018, 158, 199-205.	1.9	7
66	Effect of Daily Oral <i>Lactobacillus plantarum</i> PS128 on Exercise Capacity Recovery after a Half-Marathon. <i>Nutrients</i> , 2021, 13, 4023.	1.7	7
67	Improved Production and Recovery of Alkaline Elastase from Alkalophilic <i>Bacillus</i> Strain by a Change of Medium Composition. <i>Bioscience, Biotechnology and Biochemistry</i> , 1995, 59, 1591-1592.	0.6	5
68	High-Yield Extraction and Purification of Glutathione Reductase from Baker's Yeast. <i>Preparative Biochemistry and Biotechnology</i> , 1991, 21, 175-185.	0.4	4
69	Effects of <i>Lactiplantibacillus plantarum</i> PS128 on alleviating canine aggression and separation anxiety. <i>Applied Animal Behaviour Science</i> , 2022, 247, 105569.	0.8	2
70	Enhancement of Recombinant Subtilisin YaB Production by <i>Bacillus subtilis</i> . <i>Food Biotechnology</i> , 2007, 21, 105-117.	0.6	1
71	Inhalation of <i>Shin</i> essential oil enhances lactate clearance in treadmill exercise. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2014, 4, 158-163.	0.5	1
72	Molecular evolutionary and 3D protein structural analyses of <i>Lactobacillus fermentum</i> elongation factor Tu, a novel brain health promoting factor. <i>Genomics</i> , 2020, 112, 3915-3924.	1.3	1

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73	Effects of Lu-Do-Huang Extract (LDHE) on Apoptosis Induction in Human Hep3B Cells. Chinese Journal of Physiology, 2015, « <i>Сәтәтәт</i> », 1-9.	0.4	1