

# Ying-Chieh Tsai

## List of Publications by Year in descending order

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73  
papers

3,318  
citations

147726

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155592

55  
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75  
all docs

75  
docs citations

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times ranked

4079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactiplantibacillus plantarum PS128 Alleviates Exaggerated Cortical Beta Oscillations and Motor Deficits in the 6-Hydroxydopamine Rat Model of Parkinson's Disease. Probiotics and Antimicrobial Proteins, 2023, 15, 312-325.	1.9	8
2	Lactobacillus plantarum PS128 Promotes Intestinal Motility, Mucin Production, and Serotonin Signaling in Mice. Probiotics and Antimicrobial Proteins, 2022, 14, 535-545.	1.9	20
3	Effects of Lactiplantibacillus plantarum PS128 on alleviating canine aggression and separation anxiety. Applied Animal Behaviour Science, 2022, 247, 105569.	0.8	2
4	Psychobiotic Supplementation of PS128™ Improves Stress, Anxiety, and Insomnia in Highly Stressed Information Technology Specialists: A Pilot Study. Frontiers in Nutrition, 2021, 8, 614105.	1.6	24
5	The Add-On Effect of Lactobacillus plantarum PS128 in Patients With Parkinson's Disease: A Pilot Study. Frontiers in Nutrition, 2021, 8, 650053.	1.6	36
6	Lactobacillus fermentum PS150 promotes non-rapid eye movement sleep in the first night effect of mice. Scientific Reports, 2021, 11, 16313.	1.6	8
7	Effects of Lactobacillus plantarum PS128 on Depressive Symptoms and Sleep Quality in Self-Reported Insomniacs: A Randomized, Double-Blind, Placebo-Controlled Pilot Trial. Nutrients, 2021, 13, 2820.	1.7	37
8	Coculture Strategy for Developing Lactobacillus paracasei PS23 Fermented Milk with Anti-Colitis Effect. Foods, 2021, 10, 2337.	1.9	12
9	Lactobacillus paracasei PS23 dietary supplementation alleviates muscle aging via ghrelin stimulation in d-galactose-induced aging mice. Journal of Functional Foods, 2021, 85, 104651.	1.6	9
10	Gerobiotics: probiotics targeting fundamental aging processes. Bioscience of Microbiota, Food and Health, 2021, 40, 1-11.	0.8	25
11	Lactobacillus plantarum PS128 prevents cognitive dysfunction in Alzheimer's disease mice by modulating propionic acid levels, glycogen synthase kinase 3 beta activity, and gliosis. BMC Complementary Medicine and Therapies, 2021, 21, 259.	1.2	20
12	Randomized Controlled Trial of Probiotic PS128 in Children with Tourette Syndrome. Nutrients, 2021, 13, 3698.	1.7	8
13	Effect of Daily Oral Lactobacillus plantarum PS128 on Exercise Capacity Recovery after a Half-Marathon. Nutrients, 2021, 13, 4023.	1.7	7
14	Lactobacillus plantarum PS128 Ameliorated Visceral Hypersensitivity in Rats Through the Gut-Brain Axis. Probiotics and Antimicrobial Proteins, 2020, 12, 980-993.	1.9	13
15	Lactobacillus plantarum PS128 alleviates neurodegenerative progression in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-induced mouse models of Parkinson's disease. Brain, Behavior, and Immunity, 2020, 90, 26-46.	2.0	86
16	Molecular evolutionary and 3D protein structural analyses of Lactobacillus fermentum elongation factor Tu, a novel brain health promoting factor. Genomics, 2020, 112, 3915-3924.	1.3	1
17	Lactobacillus plantarum PS128 ameliorates 2,5-Dimethoxy-4-iodoamphetamine-induced tic-like behaviors via its influences on the microbiota-gut-brain-axis. Brain Research Bulletin, 2019, 153, 59-73.	1.4	36
18	Hypnotic Effects of Lactobacillus fermentum PS150™ on Pentobarbital-Induced Sleep in Mice. Nutrients, 2019, 11, 2409.	1.7	27

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19	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
20	<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
21	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
22	Psychobiotics in mental health, neurodegenerative and neurodevelopmental disorders. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 632-648.	0.9	149
23	Toxicity Studies of <i>Lactobacillus plantarum</i> PS128 <sup>TM</sup> Isolated from Spontaneously Fermented Mustard Greens. <i>Foods</i> , 2019, 8, 668.	1.9	10
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	Diversity in gut bacterial community of school-age children in Asia. <i>Scientific Reports</i> , 2015, 5, 8397.	1.6	221
33	Effects of Lu-Do-Huang Extract (LDHE) on Apoptosis Induction in Human Hep3B Cells. <i>Chinese Journal of Physiology</i> , 2015, 48, 1-9.	0.4	1
34	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
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	<i>Lactobacillus futsaii</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
44	Ligustilide prevents LPS-induced iNOS expression in RAW 264.7 macrophages by preventing ROS production and down-regulating the MAPK, NF- $\kappa$ B and AP-1 signaling pathways. <i>International Immunopharmacology</i> , 2011, 11, 1166-1172.	1.7	127
45	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
46	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
47	<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
48	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
49	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
50	Structural-based mutational analysis of d-aminoacylase from <i>Alcaligenes faecalis</i> DA1. <i>Protein Science</i> , 2009, 11, 2545-2550.	3.1	15
51	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
52	Enhancement of Recombinant Subtilisin YaB Production by <i>Bacillus subtilis</i> . <i>Food Biotechnology</i> , 2007, 21, 105-117.	0.6	1
53	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
54	$\beta$ -Bulnesene, a PAF inhibitor isolated from the essential oil of <i>Pogostemon cablin</i> . <i>F<math>\ddot{u}</math>-toterap<math>\ddot{u}</math></i> , 2007, 78, 7-11.	1.1	40

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55	Soyasaponin I decreases the expression of $\alpha$ 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
56	Purification and characterization of a novel cellobiosaccharide oxidase from rice pathogen <i>Sarocladium oryzae</i> . <i>Enzyme and Microbial Technology</i> , 2006, 39, 85-91.	1.6	12
57	Soyasaponin-I-modified invasive behavior of cancer by changing cell surface sialic acids. <i>Gynecologic Oncology</i> , 2005, 96, 415-422.	0.6	86
58	The Functional Role of the Binuclear Metal Center in d-Aminoacylase. <i>Journal of Biological Chemistry</i> , 2004, 279, 13962-13967.	1.6	42
59	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
60	Synergistic effect of bismuth subgallate and borneol, the major components of Sulbogin <sup>®</sup> , on the healing of skin wound. <i>Biomaterials</i> , 2003, 24, 3005-3012.	5.7	48
61	Crystal Structure of d-Aminoacylase from <i>Alcaligenes faecalis</i> DA1. <i>Journal of Biological Chemistry</i> , 2003, 278, 4957-4962.	1.6	54
62	Soyasaponin I, a Potent and Specific Sialyltransferase Inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 466-469.	1.0	47
63	Microbial removal of polycyclic aromatic hydrocarbons by <i>phanerochaete chrysosporium</i> . <i>Water Science and Technology</i> , 1997, 35, 255-264.	1.2	9
64	Immobilization of glucooligosaccharide oxidase of <i>Acremonium strictum</i> for oligosaccharic acid production. <i>Biotechnology Letters</i> , 1996, 10, 63-68.	0.5	8
65	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
66	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
67	Production of novel oligosaccharide oxidase by wheat bran solid-state fermentation. <i>Biotechnology Advances</i> , 1993, 11, 417-427.	6.0	14
68	Characterization of d-Aminoacylase from <i>Alcaligenes denitrificans</i> DA181. <i>Bioscience, Biotechnology and Biochemistry</i> , 1992, 56, 1392-1395.	0.6	25
69	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
70	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
71	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
72	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

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73	Production and Purification of $\alpha$ -Aminoacylase from <i>Alcaligenes denitrificans</i> and Taxonomic Study of the Strain. Applied and Environmental Microbiology, 1988, 54, 984-989.	1.4	43