

# Yuan-Kun Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4255634/publications.pdf>

Version: 2024-02-01

82  
papers

4,782  
citations

117453

34  
h-index

102304

66  
g-index

86  
all docs

86  
docs citations

86  
times ranked

6261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of tea phenolics and their aromatic fecal bacterial metabolites on intestinal microbiota. <i>Research in Microbiology</i> , 2006, 157, 876-884.	1.0	582
2	Microalgal mass culture systems and methods: Their limitation and potential. <i>Journal of Applied Phycology</i> , 2001, 13, 307-315.	1.5	445
3	Displacement of bacterial pathogens from mucus and Caco-2 cell surface by lactobacilli. <i>Journal of Medical Microbiology</i> , 2003, 52, 925-930.	0.7	259
4	Diversity in gut bacterial community of school-age children in Asia. <i>Scientific Reports</i> , 2015, 5, 8397.	1.6	221
5	Commercial production of microalgae in the Asia-Pacific rim. <i>Journal of Applied Phycology</i> , 1997, 9, 403-411.	1.5	203
6	Spatial Heterogeneity and Co-occurrence of Mucosal and Luminal Microbiome across Swine Intestinal Tract. <i>Frontiers in Microbiology</i> , 2018, 9, 48.	1.5	172
7	Revisit gut microbiota and its impact on human health and disease. <i>Journal of Food and Drug Analysis</i> , 2019, 27, 623-631.	0.9	169
8	Towards a psychobiotic therapy for depression: <i>Bifidobacterium breve</i> CCFM1025 reverses chronic stress-induced depressive symptoms and gut microbial abnormalities in mice. <i>Neurobiology of Stress</i> , 2020, 12, 100216.	1.9	159
9	Impact of Westernized Diet on Gut Microbiota in Children on Leyte Island. <i>Frontiers in Microbiology</i> , 2017, 8, 197.	1.5	132
10	Mongolians core gut microbiota and its correlation with seasonal dietary changes. <i>Scientific Reports</i> , 2014, 4, 5001.	1.6	126
11	<i>Enterococcus faecalis</i> from newborn babies regulate endogenous PPAR $\beta$ activity and IL-10 levels in colonic epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1943-1948.	3.3	123
12	Design and performance of an $\hat{I}$ -type tubular photobioreactor for mass cultivation of microalgae. <i>Journal of Applied Phycology</i> , 1995, 7, 47-51.	1.5	89
13	ACCUMULATION OF ASTAXANTHIN IN <i>HAEMATOCOCCUS LACUSTRIS</i> (CHLOROPHYTA)1. <i>Journal of Phycology</i> , 1991, 27, 575-577.	1.0	86
14	<i>Enterococcus faecalis</i> from Healthy Infants Modulates Inflammation through MAPK Signaling Pathways. <i>PLoS ONE</i> , 2014, 9, e97523.	1.1	79
15	Mixotrophic growth of <i>Chlorella sorokiniana</i> in outdoor enclosed photobioreactor. <i>Journal of Applied Phycology</i> , 1996, 8, 163-169.	1.5	77
16	Effect of photobioreactor inclination on the biomass productivity of an outdoor algal culture. <i>Biotechnology and Bioengineering</i> , 1991, 38, 995-1000.	1.7	74
17	Vitamins for the Gut Microbiome. <i>Trends in Molecular Medicine</i> , 2020, 26, 137-140.	3.5	72
18	Probiotic-directed modulation of gut microbiota is basal microbiome dependent. <i>Gut Microbes</i> , 2020, 12, 1736974.	4.3	69

#	ARTICLE	IF	CITATIONS
19	The kinetics and mechanism of shear inactivation of lipase from <i>Candida cylindracea</i> . <i>Biotechnology and Bioengineering</i> , 1989, 33, 183-190.	1.7	67
20	Roles of intestinal <i>bacteroides</i> in human health and diseases. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 3518-3536.	5.4	66
21	Secondary carotenoids formation by the green alga <i>Chlorococcum</i> sp.. <i>Journal of Applied Phycology</i> , 2000, 12, 301-307.	1.5	65
22	CELL CYCLE AND ACCUMULATION OF ASTAXANTHIN IN <i>HAEMATOCOCCUS LACUSTRIS</i> (CHLOROPHYTA)1. <i>Journal of Phycology</i> , 1994, 30, 445-449.	1.0	62
23	<i>Bifidobacterium</i> and <i>Lactobacillus</i> Composition at Species Level and Gut Microbiota Diversity in Infants before 6 Weeks. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3306.	1.8	61
24	Ingestion of <i>Bifidobacterium longum</i> subspecies <i>infantis</i> strain CCFM687 regulated emotional behavior and the central BDNF pathway in chronic stress-induced depressive mice through reshaping the gut microbiota. <i>Food and Function</i> , 2019, 10, 7588-7598.	2.1	60
25	Productivity of outdoor algal cultures in enclosed tubular photobioreactor. <i>Biotechnology and Bioengineering</i> , 1992, 40, 1119-1122.	1.7	59
26	Urban Diets Linked to Gut Microbiome and Metabolome Alterations in Children: A Comparative Cross-Sectional Study in Thailand. <i>Frontiers in Microbiology</i> , 2018, 9, 1345.	1.5	55
27	Adhesive <i>Bifidobacterium</i> Induced Changes in Cecal Microbiome Alleviated Constipation in Mice. <i>Frontiers in Microbiology</i> , 2019, 10, 1721.	1.5	53
28	<i>Lactobacillus reuteri</i> attenuated allergic inflammation induced by HDM in the mouse and modulated gut microbes. <i>PLoS ONE</i> , 2020, 15, e0231865.	1.1	49
29	Locally sourced probiotics, the next opportunity for developing countries?. <i>Trends in Biotechnology</i> , 2015, 33, 197-200.	4.9	45
30	High CO <sub>2</sub> partial pressure depresses productivity and bioenergetic growth yield of <i>Chlorella pyrenoidosa</i> culture. <i>Journal of Applied Phycology</i> , 1991, 3, 95-101.	1.5	44
31	Effects of Diet on Gut Microbiota Profile and the Implications for Health and Disease. <i>Bioscience of Microbiota, Food and Health</i> , 2013, 32, 1-12.	0.8	41
32	Increased Cadmium Excretion Due to Oral Administration of <i>Lactobacillus plantarum</i> Strains by Regulating Enterohepatic Circulation in Mice. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3956-3965.	2.4	41
33	Microbial diversity and volatile profile of traditional fermented yak milk. <i>Journal of Dairy Science</i> , 2020, 103, 87-97.	1.4	40
34	Gut microbiota dysbiosis might be responsible to different toxicity caused by Di-(2-ethylhexyl) phthalate exposure in murine rodents. <i>Environmental Pollution</i> , 2020, 261, 114164.	3.7	39
35	Chinese gut microbiota and its associations with staple food type, ethnicity, and urbanization. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 71.	2.9	37
36	Supplying CO <sub>2</sub> to photosynthetic algal cultures by diffusion through gas-permeable membranes. <i>Applied Microbiology and Biotechnology</i> , 1989, 31, 298.	1.7	33

#	ARTICLE	IF	CITATIONS
37	Genetic engineering of medium-chain-length fatty acid synthesis in <i>Dunaliella tertiolecta</i> for improved biodiesel production. <i>Journal of Applied Phycology</i> , 2017, 29, 2811-2819.	1.5	33
38	Mental awareness improved mild cognitive impairment and modulated gut microbiome. <i>Aging</i> , 2020, 12, 24371-24393.	1.4	33
39	Effect of salinity of medium on cellular fatty acid composition of marine alga <i>Porphyridium cruentum</i> (Rhodophyceae). <i>Journal of Applied Phycology</i> , 1989, 1, 19-23.	1.5	32
40	An enclosed rotating floating photobioreactor (RFP) powered by flowing water for mass cultivation of photosynthetic microalgae. <i>Biotechnology for Biofuels</i> , 2016, 9, 218.	6.2	29
41	<i>Bifidobacteria adolescentis</i> regulated immune responses and gut microbial composition to alleviate DNFB-induced atopic dermatitis in mice. <i>European Journal of Nutrition</i> , 2020, 59, 3069-3081.	1.8	29
42	Human gut microbiome aging clocks based on taxonomic and functional signatures through multi-view learning. <i>Gut Microbes</i> , 2022, 14, 2025016.	4.3	29
43	The effect of growth temperature on the bioenergetics of photosynthetic algal cultures. <i>Biotechnology and Bioengineering</i> , 1985, 27, 555-561.	1.7	28
44	Can dietary patterns prevent cognitive impairment and reduce Alzheimer's disease risk: Exploring the underlying mechanisms of effects. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 135, 104556.	2.9	28
45	Targeting Gut Microbiota Dysbiosis: Potential Intervention Strategies for Neurological Disorders. <i>Engineering</i> , 2020, 6, 415-423.	3.2	26
46	Mindfulness intervention for mild cognitive impairment led to attention-related improvements and neuroplastic changes: Results from a 9-month randomized control trial. <i>Journal of Psychiatric Research</i> , 2021, 135, 203-211.	1.5	26
47	Both living and dead <i>Faecalibacterium prausnitzii</i> alleviate house dust mite-induced allergic asthma through the modulation of gut microbiota and short-chain fatty acid production. <i>Journal of the Science of Food and Agriculture</i> , 2021, 101, 5563-5573.	1.7	26
48	Gut microbiome of pre-adolescent children of two ethnicities residing in three distant cities. <i>Scientific Reports</i> , 2019, 9, 7831.	1.6	25
49	Gerobiotics: probiotics targeting fundamental aging processes. <i>Bioscience of Microbiota, Food and Health</i> , 2021, 40, 1-11.	0.8	25
50	EFFECT OF DISSOLVED OXYGEN PARTIAL PRESSURE ON THE ACCUMULATION OF ASTAXANTHIN IN CHEMOSTAT CULTURES OF <i>HAEMATOCOCCUS LACUSTRIS</i> (CHLOROPHYTA). <i>Journal of Phycology</i> , 1995, 31, 922-924.	1.0	20
51	Ketocarotenoid production by a mutant of <i>Chlorococcum</i> sp. in an outdoor tubular photobioreactor. <i>Biotechnology Letters</i> , 1999, 21, 7-10.	1.1	20
52	Title is missing!. <i>Biotechnology Letters</i> , 1999, 21, 1007-1010.	1.1	20
53	Title is missing!. <i>Journal of Applied Phycology</i> , 2003, 15, 279-287.	1.5	20
54	Gut Microbiome of Indonesian Adults Associated with Obesity and Type 2 Diabetes: A Cross-Sectional Study in an Asian City, Yogyakarta. <i>Microorganisms</i> , 2021, 9, 897.	1.6	19

#	ARTICLE	IF	CITATIONS
55	Correlation between steady-state cell concentration and cell death of hybridoma cultures in chemostat. <i>Biotechnology and Bioengineering</i> , 1995, 45, 18-26.	1.7	18
56	Productivity of outdoor algal cultures in unstable weather conditions. <i>Biotechnology and Bioengineering</i> , 1993, 41, 1003-1006.	1.7	16
57	Indonesian children fecal microbiome from birth until weaning was different from microbiomes of their mothers. <i>Cut Microbes</i> , 2020, 12, 1761240.	4.3	16
58	Growth of <i>Chlorella</i> outdoors in a changing light environment. <i>Journal of Applied Phycology</i> , 1997, 9, 425-430.	1.5	15
59	Up to Species-level Community Analysis of Human Gut Microbiota by 16S rRNA Amplicon Pyrosequencing. <i>Bioscience of Microbiota, Food and Health</i> , 2013, 32, 69-76.	0.8	15
60	Prophylactic effects of oral administration of <i>Lactobacillus casei</i> on house dust mite-induced asthma in mice. <i>Food and Function</i> , 2020, 11, 9272-9284.	2.1	15
61	Sustainable Food Processing Inspired by Nature. <i>Trends in Biotechnology</i> , 2017, 35, 279-281.	4.9	14
62	A multiphase dietetic protocol incorporating an improved ketogenic diet enhances weight loss and alters the gut microbiome of obese people. <i>International Journal of Food Sciences and Nutrition</i> , 2022, 73, 238-250.	1.3	14
63	Evaluation of Tetracycline Resistance and Determination of the Tentative Microbiological Cutoff Values in Lactic Acid Bacterial Species. <i>Microorganisms</i> , 2021, 9, 2128.	1.6	13
64	What could probiotic do for us?. <i>Food Science and Human Wellness</i> , 2014, 3, 47-50.	2.2	8
65	Growth bottlenecks of microalga <i>Dunaliella tertiolecta</i> in response to an up-shift in light intensity. <i>European Journal of Phycology</i> , 2018, 53, 509-519.	0.9	8
66	The Species-Level Composition of the Fecal <i>Bifidobacterium</i> and <i>Lactobacillus</i> Genera in Indonesian Children Differs from That of Their Mothers. <i>Microorganisms</i> , 2021, 9, 1995.	1.6	8
67	Predicting the Role of the Human Gut Microbiome in Constipation Using Machine-Learning Methods: A Meta-Analysis. <i>Microorganisms</i> , 2021, 9, 2149.	1.6	8
68	A low molecular weight brown algae <i>Laminaria japonica</i> glycan modulation of gut microbiota and body weight in mice. <i>Food and Function</i> , 2021, 12, 12606-12620.	2.1	8
69	Targeting the Gut Microbiota for Remediating Obesity and Related Metabolic Disorders. <i>Journal of Nutrition</i> , 2021, 151, 1703-1716.	1.3	7
70	A single serving of mixed spices alters gut microflora composition: a dose-response randomised trial. <i>Scientific Reports</i> , 2021, 11, 11264.	1.6	7
71	Human Fecal Water Modifies Adhesion of Intestinal Bacteria to Caco-2 Cells. <i>Nutrition and Cancer</i> , 2005, 52, 35-42.	0.9	6
72	Asian gut microbiome. <i>Science Bulletin</i> , 2017, 62, 816-817.	4.3	6

#	ARTICLE	IF	CITATIONS
73	Mindfulness Awareness Practice (MAP) to Prevent Dementia in Older Adults with Mild Cognitive Impairment: Protocol of a Randomized Controlled Trial and Implementation Outcomes. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10205.	1.2	6
74	Comparative Genomic Analysis of <i>Bifidobacterium bifidum</i> Strains Isolated from Different Niches. <i>Genes</i> , 2021, 12, 1504.	1.0	6
75	Cohort profile: the Diet and Healthy Aging (DaHA) study in Singapore. <i>Aging</i> , 2020, 12, 23889-23899.	1.4	6
76	Lactic acid bacteria that activate immune gene expression in <i>Caenorhabditis elegans</i> can antagonise <i>Campylobacter jejuni</i> infection in nematodes, chickens and mice. <i>BMC Microbiology</i> , 2021, 21, 169.	1.3	5
77	Efficacy and Safety of <i>Lactobacillus reuteri</i> CCFM1040 in Allergic Rhinitis and Asthma: A Randomized, Placebo-Controlled Trial. <i>Frontiers in Nutrition</i> , 2022, 9, 862934.	1.6	5
78	Dataset on gene expression in the elderly after Mindfulness Awareness Practice or Health Education Program. <i>Data in Brief</i> , 2018, 18, 902-912.	0.5	4
79	Gut Microbiome of a Multiethnic Community Possessed No Predominant Microbiota. <i>Microorganisms</i> , 2021, 9, 702.	1.6	3
80	Selection and isolation of glucose-tolerant amylolytic <i>Aspergillus</i> by cyclic fed batch culture process. <i>Journal of Chemical Technology and Biotechnology Biotechnology</i> , 2008, 34, 273-278.	0.2	0
81	Immunotherapy of Bladder Cancer Using Microbes. , 2004, , 280-289.		0
82	<i>Lactobacillus rhamnosus</i> Induces Differential Anti-proliferative Responses and Interleukin-6 Expression Levels in SV-40 and Malignant Uroepithelial Cells. , 2007, , 259-266.		0