

Yuan Kun Lee

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,327
citations

394286

19
h-index

360920

35
g-index

60
all docs

60
docs citations

60
times ranked

1922
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Intestinal Microbiota Distinguish Gout Patients from Healthy Humans. <i>Scientific Reports</i> , 2016, 6, 20602. | 1.6 | 238 |
| 2 | The dilemma for lipid productivity in green microalgae: importance of substrate provision in improving oil yield without sacrificing growth. <i>Biotechnology for Biofuels</i> , 2016, 9, 255. | 6.2 | 116 |
| 3 | Predominant yeasts in Chinese traditional sourdough and their influence on aroma formation in Chinese steamed bread. <i>Food Chemistry</i> , 2018, 242, 404-411. | 4.2 | 88 |
| 4 | <i>Enterococcus faecalis</i> from Healthy Infants Modulates Inflammation through MAPK Signaling Pathways. <i>PLoS ONE</i> , 2014, 9, e97523. | 1.1 | 79 |
| 5 | The liver-gut microbiota axis modulates hepatotoxicity of tacrine in the rat. <i>Hepatology</i> , 2018, 67, 282-295. | 3.6 | 75 |
| 6 | Nitrogen-induced metabolic changes and molecular determinants of carbon allocation in <i>Dunaliella tertiolecta</i> . <i>Scientific Reports</i> , 2016, 6, 37235. | 1.6 | 61 |
| 7 | <i>Lactobacillus rhamnosus</i> GG induces tumor regression in mice bearing orthotopic bladder tumors. <i>Cancer Science</i> , 2010, 101, 751-758. | 1.7 | 59 |
| 8 | Expression of the heterologous <i>Dunaliella tertiolecta</i> fatty acyl-ACP thioesterase leads to increased lipid production in <i>Chlamydomonas reinhardtii</i> . <i>Journal of Biotechnology</i> , 2017, 247, 60-67. | 1.9 | 55 |
| 9 | <i>Lactobacillus</i> Species is More Cytotoxic to Human Bladder Cancer Cells Than <i>Mycobacterium Bovis</i> (<i>Bacillus Calmette-Guerin</i>). <i>Journal of Urology</i> , 2002, 168, 2236-2239. | 0.2 | 46 |
| 10 | RNAi-mediated silencing of a pyruvate dehydrogenase kinase enhances triacylglycerol biosynthesis in the oleaginous marine alga <i>Nannochloropsis salina</i> . <i>Scientific Reports</i> , 2017, 7, 11485. | 1.6 | 40 |
| 11 | <i>Lactobacillus rhamnosus</i> GG Activation of Dendritic Cells and Neutrophils Depends on the Dose and Time of Exposure. <i>Journal of Immunology Research</i> , 2016, 2016, 1-8. | 0.9 | 39 |
| 12 | Elevated acetyl-CoA by amino acid recycling fuels microalgal neutral lipid accumulation in exponential growth phase for biofuel production. <i>Plant Biotechnology Journal</i> , 2017, 15, 497-509. | 4.1 | 36 |
| 13 | <i>Lactobacillus</i> species is more cytotoxic to human bladder cancer cells than <i>Mycobacterium Bovis</i> (<i>bacillus Calmette-Guerin</i>). <i>Journal of Urology</i> , 2002, 168, 2236-9. | 0.2 | 34 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Effects of dietary pectin on the profile and transport of intestinal bile acids in young pigs. <i>Journal of Animal Science</i> , 2018, 96, 4743-4754. | 0.2 | 28 |
| 18 | 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 |

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|----|---|-----|-----------|
| 19 | RNA-Seq transcriptomic analysis with Bag2D software identifies key pathways enhancing lipid yield in a high lipid-producing mutant of the non-model green alga <i>Dunaliella tertiolecta</i> . <i>Biotechnology for Biofuels</i> , 2015, 8, 191. | 6.2 | 20 |
| 20 | Live and lyophilized <i>Lactobacillus</i> species elicit differential immunomodulatory effects on immune cells. <i>FEMS Microbiology Letters</i> , 2010, 302, 189-196. | 0.7 | 19 |
| 21 | Kiwifruit (<i>Actinidia deliciosa</i>) changes intestinal microbial profile. <i>Microbial Ecology in Health and Disease</i> , 2012, 23, . | 3.8 | 19 |
| 22 | RNA-Seq reveals transcriptomic interactions of <i>Bacillus subtilis natto</i> and <i>Bifidobacterium animalis subsp. lactis</i> in whole soybean solid-state co-fermentation. <i>Food Microbiology</i> , 2015, 51, 25-32. | 2.1 | 18 |
| 23 | Exploring the transcriptome of non-model oleaginous microalga <i>Dunaliella tertiolecta</i> through high-throughput sequencing and high performance computing. <i>BMC Bioinformatics</i> , 2017, 18, 122. | 1.2 | 17 |
| 24 | Activation and inactivation of <i>Bacillus pumilus</i> spores by kiloelectron volt X-ray irradiation. <i>PLoS ONE</i> , 2017, 12, e0177571. | 1.1 | 17 |
| 25 | 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 |
| 26 | MAPK in <i>Dunaliella tertiolecta</i> regulates glycerol production in response to osmotic shock. <i>European Journal of Phycology</i> , 2016, 51, 119-128. | 0.9 | 9 |
| 27 | What could probiotic do for us?. <i>Food Science and Human Wellness</i> , 2014, 3, 47-50. | 2.2 | 8 |
| 28 | 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 |
| 29 | The role of micronutrients and strategies for optimized continual glycerol production from carbon dioxide by <i>Dunaliella tertiolecta</i> . <i>Biotechnology and Bioengineering</i> , 2015, 112, 2163-2171. | 1.7 | 6 |
| 30 | 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 |
| 31 | Cohort profile: the Diet and Healthy Aging (DaHA) study in Singapore. <i>Aging</i> , 2020, 12, 23889-23899. | 1.4 | 6 |
| 32 | Thermotolerance induced by heat shock in <i>Chlorella</i> . <i>Journal of Applied Phycology</i> , 1997, 9, 471-475. | 1.5 | 5 |
| 33 | ILSI Southeast Asia Region conference proceedings: The gut, its microbes and health: relevance for Asia. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2017, 26, 957-971. | 0.3 | 4 |
| 34 | <i>Bioprocess Technology</i> . , 2006, , 23-71. | | 3 |
| 35 | Gut microbiome alterations in breast cancer survivors with cancer-related fatigue.. <i>Journal of Clinical Oncology</i> , 2018, 36, e22178-e22178. | 0.8 | 3 |
| 36 | Gut microbiome status of urban and rural Filipino adults in relation to diet and metabolic disorders. <i>FEMS Microbiology Letters</i> , 2021, 368, . | 0.7 | 3 |

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|----|--|-----|-----------|
| 37 | Systems Biology of Gut Microbiota-Human Receptor Interactions: Toward Anti-inflammatory Probiotics. <i>Frontiers in Microbiology</i> , 2022, 13, 846555. | 1.5 | 3 |
| 38 | Food Involving Yeast and Ethanol Fermentation. , 2006, , 293-334. | | 1 |
| 39 | Fermented Foods. , 2003, , 201-256. | | 1 |
| 40 | Microorganisms and Production of Alternative Energy. , 2003, , 655-670. | | 1 |
| 41 | Enzyme Modified Food Products. , 2006, , 375-387. | | 1 |
| 42 | Food Involving Yeast and Ethanol Fermentation. , 2003, , 257-285. | | 0 |
| 43 | Bioprocess Technology. , 2003, , 23-71. | | 0 |
| 44 | Enzyme Modified Food Products. , 2003, , 307-318. | | 0 |
| 45 | Food Ingredients. , 2003, , 287-306. | | 0 |
| 46 | Food Ingredients. , 2006, , 351-374. | | 0 |
| 47 | Fermented Foods. , 2006, , 227-292. | | 0 |
| 48 | Microorganisms and Production of Alternative Energy. , 2006, , 731-746. | | 0 |
| 49 | Fermented Foods. , 2013, , 269-334. | | 0 |
| 50 | Bioprocess Technology. , 2013, , 21-69. | | 0 |