

Cheol-Ho Pan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

602

citations

10

h-index

24

g-index

32

ext. papers

760

ext. citations

4.6

avg, IF

3.79

L-index

#	Paper	IF	Citations
28	Mucin modifies microbial composition and improves metabolic functional potential of a synthetic gut microbial ecosystem. <i>Journal of Applied Biological Chemistry</i> , 2022 , 65, 63-74	0.7	
27	Insights into the Virulence of <i>Campylobacter jejuni</i> Associated with Two-Component Signal Transduction Systems and Single Regulators. <i>Microbiology Research</i> , 2022 , 13, 188-200	1	
26	Characterization of endogenous promoters of GapC1 and GS for recombinant protein expression in <i>Phaeodactylum tricornutum</i> . <i>MicrobiologyOpen</i> , 2021 , 10, e1239	3.4	
25	Ethnobotany, Ethnopharmacology, and Phytochemistry of Medicinal Plants Used for Treating Human Diarrheal Cases in Rwanda: A Review. <i>Antibiotics</i> , 2021 , 10,	4.9	4
24	Effect of <i>Chlorella vulgaris</i> on gut microbiota through a simulated in vitro digestion process. <i>Journal of Applied Biological Chemistry</i> , 2021 , 64, 49-55	0.7	1
23	Synthetic gut microbiome: Advances and challenges. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 363-371	6.8	7
22	Identification of Tyrosinase Inhibitors and Their Structure-Activity Relationships via Evolutionary Chemical Binding Similarity and Structure-Based Methods. <i>Molecules</i> , 2021 , 26,	4.8	2
21	Rapid separation of <i>Capsicum annum</i> L. leaf extract using automated HPLC/SPE/HPLC coupling system (Sepbox system) and identification of α -glucosidase inhibitory active substances. <i>Journal of Applied Biological Chemistry</i> , 2021 , 64, 25-32	0.7	0
20	Schisandrol A Suppresses Catabolic Factor Expression by Blocking NF- κ B Signaling in Osteoarthritis. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
19	Improvement in host metabolic homeostasis and alteration in gut microbiota in mice on the high-fat diet: A comparison of calcium supplements. <i>Food Research International</i> , 2020 , 136, 109495	7	5
18	Supplementation with <i>Chlorella vulgaris</i> , <i>Chlorella protothecoides</i> , and <i>Schizochytrium</i> sp. increases propionate-producing bacteria in in vitro human gut fermentation. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 2938-2945	4.3	11
17	Protective effect of <i>Lactobacillus casei</i> HY2782 against particulate matter toxicity in human intestinal CCD-18Co cells and <i>Caenorhabditis elegans</i> . <i>Biotechnology Letters</i> , 2020 , 42, 519-528	3	4
16	Evolutionary chemical binding similarity approach integrated with 3D-QSAR method for effective virtual screening. <i>BMC Bioinformatics</i> , 2020 , 21, 309	3.6	5
15	Susceptibility of Strains to Selected Natural Products and Frontline Antibiotics. <i>Antibiotics</i> , 2020 , 9,	4.9	5
14	Anti-Obesity Effect of Standardized Extract of Microalga Containing Fucoxanthin. <i>Marine Drugs</i> , 2019 , 17,	6	25
13	Effects of temperature, light, and pH on the stability of fucoxanthin in an oil-in-water emulsion. <i>Food Chemistry</i> , 2019 , 291, 87-93	8.5	26
12	Identification and characterisation of the novel endogenous promoter HASP1 and its signal peptide from <i>Phaeodactylum tricornutum</i> . <i>Scientific Reports</i> , 2019 , 9, 9941	4.9	19

11	Machine learning-based chemical binding similarity using evolutionary relationships of target genes. <i>Nucleic Acids Research</i> , 2019 , 47, e128	20.1	7
10	Effects of fermented milk treatment on microbial population and metabolomic outcomes in a three-stage semi-continuous culture system. <i>Food Chemistry</i> , 2018 , 263, 216-224	8.5	17
9	Fucoxanthin bioavailability from fucoxanthin-fortified milk: In vivo and in vitro study. <i>Food Chemistry</i> , 2018 , 258, 79-86	8.5	22
8	Comparison of static and dynamic in vitro digestion models to estimate the bioaccessibility of lutein in lutein-rich foods. <i>Applied Biological Chemistry</i> , 2018 , 61, 441-447	2.9	4
7	Assay for Phosphorylation and Microtubule Binding Along with Localization of Tau Protein in Colorectal Cancer Cells. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	8
6	Expression, phosphorylation, localization, and microtubule binding of tau in colorectal cell lines. <i>Applied Biological Chemistry</i> , 2016 , 59, 807-812	2.9	6
5	Evaluation of the anti-obesity effect of the microalga <i>Phaeodactylum tricornutum</i> . <i>Applied Biological Chemistry</i> , 2016 , 59, 283-290	2.9	14
4	Cloning of a novel endogenous promoter for foreign gene expression in <i>Phaeodactylum tricornutum</i> . <i>Applied Biological Chemistry</i> , 2016 , 59, 861-867	2.9	12
3	Secretome profiling reveals the signaling molecules of apoptotic HCT116 cells induced by the dietary polyacetylene gymnasterkoreayne B. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 2353-63	5.7	6
2	Fucoxanthin as a major carotenoid in <i>Isochrysis aff. galbana</i> : Characterization of extraction for commercial application 2012 , 55, 477-483		126
1	A potential commercial source of fucoxanthin extracted from the microalga <i>Phaeodactylum tricornutum</i> . <i>Applied Biochemistry and Biotechnology</i> , 2012 , 166, 1843-55	3.2	263