

Gu Chen

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3459227/gu-chen-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

48
papers

2,151
citations

24
h-index

46
g-index

51
ext. papers

2,441
ext. citations

5.8
avg, IF

4.91
L-index

#	Paper	IF	Citations
48	Probiotic Potential and Cholesterol-Lowering Capabilities of Bacterial Strains Isolated from 'Chachiensis'. <i>Microorganisms</i> , 2021 , 9,	4.9	1
47	Identification of monoamine oxidases inhibitory peptides from soybean protein hydrolysate through ultrafiltration purification and in silico studies. <i>Food Bioscience</i> , 2021 , 44, 101355	4.9	2
46	Metabolomic insights into the inhibition mechanism of methyl N-methylanthranilate: A novel quorum sensing inhibitor and antibiofilm agent against <i>Pseudomonas aeruginosa</i> . <i>International Journal of Food Microbiology</i> , 2021 , 358, 109402	5.8	0
45	Identification and Characterization of MiRNAs in C-169. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	4
44	Metabolic engineering of a robust <i>Escherichia coli</i> strain with a dual protection system. <i>Biotechnology and Bioengineering</i> , 2019 , 116, 3333-3348	4.9	8
43	The central bacterial community in Pericarpium Citri Reticulatae 'Chachiensis'. <i>Food Research International</i> , 2019 , 125, 108624	7	5
42	Meta-omics insights in the microbial community profiling and functional characterization of fermented foods. <i>Trends in Food Science and Technology</i> , 2017 , 65, 23-31	15.3	59
41	Molecular characterization of CO sequestration and assimilation in microalgae and its biotechnological applications. <i>Bioresource Technology</i> , 2017 , 244, 1207-1215	11	44
40	Analysis of solvent effects on polyphenols profile, antiproliferative and antioxidant activities of mulberry (<i>Morus alba</i> L.) extracts. <i>International Journal of Food Science and Technology</i> , 2017 , 52, 1690-1698	13.8	5
39	Current applications and new opportunities for the thermal and non-thermal processing technologies to generate berry product or extracts with high nutraceutical contents. <i>Food Research International</i> , 2017 , 100, 19-30	7	49
38	Pathogenic features and characteristics of food borne pathogens biofilm: Biomass, viability and matrix. <i>Microbial Pathogenesis</i> , 2017 , 111, 285-291	3.8	25
37	The novel contributors of anti-diabetic potential in mulberry polyphenols revealed by UHPLC-HR-ESI-TOF-MS/MS. <i>Food Research International</i> , 2017 , 100, 873-884	7	27
36	Comparison of phytochemical profiles and health benefits in fiber and oil flaxseeds (<i>Linum usitatissimum</i> L.). <i>Food Chemistry</i> , 2017 , 214, 227-233	8.5	52
35	Preparation and Characterization of Microemulsions of Myricetin for Improving Its Antiproliferative and Antioxidative Activities and Oral Bioavailability. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 6286-94	5.7	31
34	Effects of aging on the phytochemical profile and antioxidative activity of Pericarpium Citri Reticulatae 'Chachiensis'. <i>RSC Advances</i> , 2016 , 6, 105272-105281	3.7	8
33	Regulation of carbon metabolic fluxes in response to CO ₂ supplementation in phototrophic <i>Chlorella vulgaris</i> : a cytomic and biochemical study. <i>Journal of Applied Phycology</i> , 2016 , 28, 737-745	3.2	16
32	Influence of the stage of ripeness on the phytochemical profiles, antioxidant and antiproliferative activities in different parts of Citrus reticulata Blanco cv. Chachiensis. <i>LWT - Food Science and Technology</i> , 2016 , 69, 67-75	5.4	34

31	Effect of germination on lignan biosynthesis, and antioxidant and antiproliferative activities in flaxseed (<i>Linum usitatissimum</i> L.). <i>Food Chemistry</i> , 2016 , 205, 170-7	8.5	51
30	Global Metabolic Regulation of the Snow Alga <i>Chlamydomonas nivalis</i> in Response to Nitrate or Phosphate Deprivation by a Metabolome Profile Analysis. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	21
29	Transcriptome analysis reveals global regulation in response to CO ₂ supplementation in oleaginous microalga <i>Coccomyxa subellipsoidea</i> C-169. <i>Biotechnology for Biofuels</i> , 2016 , 9, 151	7.8	34
28	Comparison of Effect of Gear Juicer and Colloid Mill on Microstructure, Polyphenols Profile, and Bioactivities of Mulberry (<i>Morus indica</i> L.). <i>Food and Bioprocess Technology</i> , 2016 , 9, 1233-1245	5.1	6
27	Effect of germination on vitamin C, phenolic compounds and antioxidant activity in flaxseed (<i>Linum usitatissimum</i> L.). <i>International Journal of Food Science and Technology</i> , 2015 , 50, 2545-2553	3.8	31
26	Identification of Specific Variations in a Non-Motile Strain of Cyanobacterium <i>Synechocystis</i> sp. PCC 6803 Originated from ATCC 27184 by Whole Genome Resequencing. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 24081-93	6.3	7
25	High yields of fatty acid and neutral lipid production from cassava bagasse hydrolysate (CBH) by heterotrophic <i>Chlorella protothecoides</i> . <i>Bioresource Technology</i> , 2015 , 191, 281-90	11	24
24	Phytochemical profiles and antioxidant activity of different varieties of Adinandra Tea (<i>Adinandra Jack</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 169-76	5.7	50
23	Hypolipidemic activity of okra is mediated through inhibition of lipogenesis and upregulation of cholesterol degradation. <i>Phytotherapy Research</i> , 2014 , 28, 268-73	6.7	21
22	Nutraceuticals and functional foods in the management of hyperlipidemia. <i>Critical Reviews in Food Science and Nutrition</i> , 2014 , 54, 1180-201	11.5	76
21	Molecular characterization of <i>Lactobacillus plantarum</i> DMDL 9010, a strain with efficient nitrite degradation capacity. <i>PLoS ONE</i> , 2014 , 9, e113792	3.7	27
20	Sll0528, a Site-2-Protease, Is Critically Involved in Cold, Salt and Hyperosmotic Stress Acclimation of <i>Cyanobacterium Synechocystis</i> sp. PCC 6803. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 22678-22694	6.3	22
19	EGY2, a chloroplast membrane metalloprotease, plays a role in hypocotyl elongation in <i>Arabidopsis</i> . <i>Molecular Biology Reports</i> , 2012 , 39, 2147-55	2.8	16
18	Slr0643, an S2P homologue, is essential for acid acclimation in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Microbiology (United Kingdom)</i> , 2012 , 158, 2765-2780	2.9	14
17	Proteomic analysis of apoptosis induction in human lung cancer cells by recombinant MVL. <i>Amino Acids</i> , 2011 , 41, 923-32	3.5	8
16	Cloning, expression and purification of <i>Microcystis viridis</i> lectin in <i>Escherichia coli</i> . <i>Molecular Biotechnology</i> , 2011 , 47, 105-10	3	10
15	The reversed terminator of octopine synthase gene on the <i>Agrobacterium</i> Ti plasmid has a weak promoter activity in prokaryotes. <i>Molecular Biology Reports</i> , 2010 , 37, 2157-62	2.8	1
14	Biodiesel production by microalgal biotechnology. <i>Applied Energy</i> , 2010 , 87, 38-46	10.7	768

13	New insights into S2P signaling cascades: regulation, variation, and conservation. <i>Protein Science</i> , 2010 , 19, 2015-30	6.3	37
12	Simultaneous detection of enterovirus 70 and coxsackievirus A24 variant by multiplex real-time RT-PCR using an internal control. <i>Journal of Virological Methods</i> , 2009 , 159, 23-8	2.6	14
11	Effects of cassava starch hydrolysate on cell growth and lipid accumulation of the heterotrophic microalgae <i>Chlorella protothecoides</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009 , 36, 1383-9	4.3	83
10	Simultaneous detection of human enterovirus 71 and coxsackievirus A16 in clinical specimens by multiplex real-time PCR with an internal amplification control. <i>Archives of Virology</i> , 2009 , 154, 121-5	2.6	44
9	EMPLOYMENT OF ORGANIC ACIDS TO ENHANCE ASTAXANTHIN FORMATION IN HETEROTROPHIC CHLORELLA ZOFINGIENSIS. <i>Journal of Food Processing and Preservation</i> , 2009 , 33, 271-284	2.1	21
8	Rapid screening method for lipid production in alga based on Nile red fluorescence. <i>Biomass and Bioenergy</i> , 2009 , 33, 1386-1392	5.3	106
7	Novel omics technologies in nutrition research. <i>Biotechnology Advances</i> , 2008 , 26, 169-76	17.8	52
6	Rapid detection of a highly virulent Chinese-type isolate of Porcine Reproductive and Respiratory Syndrome Virus by real-time reverse transcriptase PCR. <i>Journal of Virological Methods</i> , 2008 , 149, 49-55	2.6	19
5	Algal lectins for potential prevention of HIV transmission. <i>Current Medicinal Chemistry</i> , 2008 , 15, 1096-1043	4.3	22
4	EGY1 plays a role in regulation of endodermal plastid size and number that are involved in ethylene-dependent gravitropism of light-grown <i>Arabidopsis</i> hypocotyls. <i>Plant Molecular Biology</i> , 2008 , 66, 345-60	4.6	40
3	Enhanced production of lutein in heterotrophic <i>Chlorella protothecoides</i> by oxidative stress. <i>Science in China Series C: Life Sciences</i> , 2008 , 51, 1088-93		54
2	Application of 3' untranslated region (UTR) sequence-based amplified polymorphism analysis in the rapid authentication of <i>Radix astragali</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2005 , 53, 8551-6	5.7	12
1	EGY1 encodes a membrane-associated and ATP-independent metalloprotease that is required for chloroplast development. <i>Plant Journal</i> , 2005 , 41, 364-75	6.9	105