Apiradee Hongsthong

List of Publications by Year
in descending order

25 papers	448 citations	623734 14 h-index	713466 21 g-index
25 all docs	25 docs citations	25 times ranked	477 citing authors

#	Article	IF	Citations
1	Draft genome sequence of Arthrospira platensis C1 (PCC9438). Standards in Genomic Sciences, 2012, 6, 43-53.	1.5	47
2	Subcellular proteomic characterization of the high-temperature stress response of the cyanobacterium Spirulina platensis. Proteome Science, 2009, 7, 33.	1.7	41
3	Proteome analysis at the subcellular level of the cyanobacteriumSpirulina platensisin response to low-temperature stress conditions. FEMS Microbiology Letters, 2008, 288, 92-101.	1.8	40
4	Natural ACE inhibitory peptides discovery from Spirulina (Arthrospira platensis) strain C1. Peptides, 2019, 118, 170107.	2.4	37
5	Functional Expression of Spirulina-Î”6 Desaturase Gene in Yeast, Saccharomyces cerevisiae. Molecular Biology Reports, 2005, 32, 215-226.	2.3	32
6	Comparative analysis of the Spirulina platensis subcellular proteome in response to low- and high-temperature stresses: uncovering cross-talk of signaling components. Proteome Science, 2011, 9, 39.	1.7	29
7	Revealing differentially expressed proteins in two morphological forms of Spirulina platensis by proteomic analysis. Molecular Biotechnology, 2007, 36, 123-130.	2.4	27
8	Mutation study of conserved amino acid residues of Spirulina ?6-acyl-lipid desaturase showing involvement of histidine 313 in the regioselectivity of the enzyme. Applied Microbiology and Biotechnology, 2004, 66, 74-84.	3.6	24
9	A combined stress response analysis of Spirulina platensis in terms of global differentially expressed proteins, and mRNA levels and stability of fatty acid biosynthesis genes. FEMS Microbiology Letters, 2008, 281, 121-131.	1.8	23
10	SpirPep: an in silico digestion-based platform to assist bioactive peptides discovery from a genome-wide database. BMC Bioinformatics, 2018, 19, 149.	2.6	21
11	Ensemble-AMPPred: Robust AMP Prediction and Recognition Using the Ensemble Learning Method with a New Hybrid Feature for Differentiating AMPs. Genes, 2021, 12, 137.	2.4	20
12	Differential responses of three acyl-lipid desaturases to immediate temperature reduction occurring in two lipid membranes of Spirulina platensis strain C1. Journal of Bioscience and Bioengineering, 2003, 96, 519-524.	2.2	17
13	The expression of three desaturase genes of Spirulina platensis in Escherichia coli DH5Î± â€“ Heterologous expression of Spirulina-desaturase genes. Molecular Biology Reports, 2004, 31, 177-189.	2.3	16
14	Revealing the complementation of ferredoxin by cytochrome b 5 in the Spirulina-â^†6-desaturation reaction by N-terminal fusion and co-expression of the fungal-cytochrome b 5 domain and Spirulina-â^†6-acyl-lipid desaturase. Applied Microbiology and Biotechnology, 2006, 72, 1192-1201.	3.6	15
15	SpirPro: A Spirulina proteome database and web-based tools for the analysis of protein-protein interactions at the metabolic level in Spirulina (Arthrospira) platensis C1. BMC Bioinformatics, 2015, 16, 233.	2.6	14
16	Isolation and functional characterization of Spirulina D6D gene promoter: Role of a putative GntR transcription factor in transcriptional regulation of D6D gene expression. Biochemical and Biophysical Research Communications, 2008, 365, 643-649.	2.1	13
17	Ensemble of Multiple Classifiers for Multilabel Classification of Plant Protein Subcellular Localization. Life, 2021, 11, 293.	2.4	13
18	Truncation Mutants Highlight a Critical Role for the N- and C-termini of the Spirulina Î”6 Desaturase in Determining Regioselectivity. Molecular Biotechnology, 2008, 38, 203-209.	2.4	5

#	Article	IF	Citations
19	Revealing the key point of the temperature stress response of Arthrospira platensis C1 at the interconnection of C- and N- metabolism by proteome analyses and PPI networking. BMC Molecular and Cell Biology, 2020, 21, 43.	2.0	4
20	Ensemble-AHTPpred: A Robust Ensemble Machine Learning Model Integrated With a New Composite Feature for Identifying Antihypertensive Peptides. Frontiers in Genetics, 2022, 13, 883766.	2.3	4
21	Identification of regulatory regions and regulatory protein complexes of theSpirulinadesDgene under temperature stress conditions: Role of thioredoxin as an inactivator of a transcriptional repressor GntR under low-temperature stress. Biochemistry and Cell Biology, 2012, 90, 621-635.	2.0	3
22	Effect of two intermediate electron donors, NADPH and FADH2, on Spirulina Î”6-desaturase co-expressed with two different immediate electron donors, cytochrome b 5 and ferredoxin, in Escherichia coli. Molecular Biology Reports, 2007, 34, 261-266.	2.3	2
23	Spirulina-in Silico-Mutations and Their Comparative Analyses in the Metabolomics Scale by Using Proteome-Based Flux Balance Analysis. Cells, 2020, 9, 2097.	4.1	1
24	Subcellular localization-dependent regulation of the three Spirulina desaturase genes, desC, desA, and desD, under different growth phases. Journal of Applied Phycology, 2013, 25, 467-475.	2.8	0
25	Effect of dilution rate in continuous cultures of Arthrospira (Spirulina) platensis C1 on nutrient use efficiency andÂmacromolecular- and elemental compositions. Journal of Applied Phycology, 2021, 33, 743-754.	2.8	0