

Amphun Chaiboonchoe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2398749/publications.pdf>

Version: 2024-02-01

21
papers

1,188
citations

567281

15
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

2292
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Mechanisms behind Safranal's Toxicity to HepG2 Cells from Dual Omics. <i>Antioxidants</i> , 2022, 11, 1125.	5.1	31
2	Large-scale genome sequencing reveals the driving forces of viruses in microalgal evolution. <i>Cell Host and Microbe</i> , 2021, 29, 250-266.e8.	11.0	48
3	Metabolic reprogramming of terminally exhausted CD8+ T cells by IL-10 enhances anti-tumor immunity. <i>Nature Immunology</i> , 2021, 22, 746-756.	14.5	160
4	High-Throughput Metabolic Profiling for Model Refinements of Microalgae. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0
5	GPCR Genes as Activators of Surface Colonization Pathways in a Model Marine Diatom. <i>IScience</i> , 2020, 23, 101424.	4.1	7
6	Potential for Heightened Sulfur-Metabolic Capacity in Coastal Subtropical Microalgae. <i>IScience</i> , 2019, 11, 450-465.	4.1	23
7	Safranal induces DNA double-strand breakage and ER-stress-mediated cell death in hepatocellular carcinoma cells. <i>Scientific Reports</i> , 2018, 8, 16951.	3.3	82
8	Intracellular spectral repositioning of light enhances algal photosynthetic efficiency. <i>Science Advances</i> , 2017, 3, e1603096.	10.3	42
9	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1797-1807.	2.9	236
10	The genome and phenome of the green alga <i>Chloroidium</i> sp. UTEX 3007 reveal adaptive traits for desert acclimatization. <i>ELife</i> , 2017, 6, .	6.0	16
11	Algal Cell Factories: Approaches, Applications, and Potentials. <i>Marine Drugs</i> , 2016, 14, 225.	4.6	65
12	Saffron-Based Crocin Prevents Early Lesions of Liver Cancer: In vivo, In vitro and Network Analyses. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2016, 11, 121-133.	1.6	70
13	Systems level analysis of the <i>Chlamydomonas reinhardtii</i> metabolic network reveals variability in evolutionary co-conservation. <i>Molecular BioSystems</i> , 2016, 12, 2394-2407.	2.9	12
14	The in vitro selection world. <i>Methods</i> , 2016, 106, 3-13.	3.8	41
15	Genome-wide expression analysis offers new insights into the origin and evolution of <i>Physcomitrella patens</i> stress response. <i>Scientific Reports</i> , 2015, 5, 17434.	3.3	54
16	Toward Applications of Genomics and Metabolic Modeling to Improve Algal Biomass Productivity. <i>Biofuel and Biorefinery Technologies</i> , 2015, , 173-189.	0.3	5
17	Microalgal Metabolic Network Model Refinement through High-Throughput Functional Metabolic Profiling. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014, 2, 68.	4.1	29
18	Computational Approaches for Microalgal Biofuel Optimization: A Review. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	21

#	ARTICLE	IF	CITATIONS
19	Integrated Analysis of Gene Network in Childhood Leukemia from Microarray and Pathway Databases. BioMed Research International, 2014, 2014, 1-7.	1.9	10
20	Application of omics technologies to biomarker discovery in inflammatory lung diseases. European Respiratory Journal, 2013, 42, 802-825.	6.7	234
21	Machine Learning for Childhood Acute Lymphoblastic Leukaemia Gene Expression Data Analysis: A Review. Current Bioinformatics, 2010, 5, 118-133.	1.5	1