Amphun Chaiboonchoe

List of Publications by Year
in descending order

21	1,188	567281 15	752698 20
papers	citations	h-index	g-index

22	22	22	2292
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. Journal of Allergy and Clinical Immunology, 2017, 139, 1797-1807.	2.9	236
2	Application of â€™omics technologies to biomarker discovery in inflammatory lung diseases. European Respiratory Journal, 2013, 42, 802-825.	6.7	234
3	Metabolic reprogramming of terminally exhausted CD8+ T cells by IL-10 enhances anti-tumor immunity. Nature Immunology, 2021, 22, 746-756.	14.5	160
4	Safranal induces DNA double-strand breakage and ER-stress-mediated cell death in hepatocellular carcinoma cells. Scientific Reports, 2018, 8, 16951.	3.3	82
5	Saffron-Based Crocin Prevents Early Lesions of Liver Cancer: In vivo, In vitro and Network Analyses. Recent Patents on Anti-Cancer Drug Discovery, 2016, 11, 121-133.	1.6	70
6	Algal Cell Factories: Approaches, Applications, and Potentials. Marine Drugs, 2016, 14, 225.	4.6	65
7	Genome-wide expression analysis offers new insights into the origin and evolution of Physcomitrella patens stress response. Scientific Reports, 2015, 5, 17434.	3.3	54
8	Large-scale genome sequencing reveals the driving forces of viruses in microalgal evolution. Cell Host and Microbe, 2021, 29, 250-266.e8.	11.0	48
9	Intracellular spectral recompositioning of light enhances algal photosynthetic efficiency. Science Advances, 2017, 3, e1603096.	10.3	42
10	The in vitro selection world. Methods, 2016, 106, 3-13.	3.8	41
11	Molecular Mechanisms behind Safranalâ€™s Toxicity to HepG2 Cells from Dual Omics. Antioxidants, 2022, 11, 1125.	5.1	31
12	Microalgal Metabolic Network Model Refinement through High-Throughput Functional Metabolic Profiling. Frontiers in Bioengineering and Biotechnology, 2014, 2, 68.	4.1	29
13	Potential for Heightened Sulfur-Metabolic Capacity in Coastal Subtropical Microalgae. IScience, 2019, 11, 450-465.	4.1	23
14	Computational Approaches for Microalgal Biofuel Optimization: A Review. BioMed Research International, 2014, 2014, 1-12.	1.9	21
15	The genome and phenome of the green alga Chloroidium sp. UTEX 3007 reveal adaptive traits for desert acclimatization. ELife, 2017, 6, .	6.0	16
16	Systems level analysis of the Chlamydomonas reinhardtii metabolic network reveals variability in evolutionary co-conservation. Molecular BioSystems, 2016, 12, 2394-2407.	2.9	12
17	Integrated Analysis of Gene Network in Childhood Leukemia from Microarray and Pathway Databases. BioMed Research International, 2014, 2014, 1-7.	1.9	10
18	GPCR Genes as Activators of Surface Colonization Pathways in a Model Marine Diatom. IScience, 2020, 23, 101424.	4.1	7

#	Article	IF	Citations
19	Toward Applications of Genomics and Metabolic Modeling to Improve Algal Biomass Productivity. Biofuel and Biorefinery Technologies, 2015, , 173-189.	0.3	5
20	Machine Learning for Childhood Acute Lymphoblastic Leukaemia Gene Expression Data Analysis: A Review. Current Bioinformatics, 2010, 5, 118-133.	1.5	1
21	High-Throughput Metabolic Profiling for Model Refinements of Microalgae. Journal of Visualized Experiments, 2021, , .	0.3	0