

Jin Chai

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

273
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

525
citing authors

#	ARTICLE	IF	CITATIONS
1	Regioselectivity mechanism of the <i>Thunbergia alata</i> Δ^6 -16:0-acyl carrier protein desaturase. <i>Plant Physiology</i> , 2022, 188, 1537-1549.	4.8	3
2	Biotin attachment domain-containing proteins mediate hydroxy fatty acid-dependent inhibition of acetyl CoA carboxylase. <i>Plant Physiology</i> , 2021, 185, 892-901.	4.8	7
3	Structural basis for SARS-CoV-2 envelope protein recognition of human cell junction protein PALS1. <i>Nature Communications</i> , 2021, 12, 3433.	12.8	69
4	AlphaFold Protein Structure Database for Sequence-Independent Molecular Replacement. <i>Crystals</i> , 2021, 11, 1227.	2.2	9
5	Castor Stearoyl-ACP Desaturase Can Synthesize a Vicinal Diol by Dioxygenase Chemistry. <i>Plant Physiology</i> , 2020, 182, 730-738.	4.8	10
6	A conserved evolutionary mechanism permits Δ^9 desaturation of very-long-chain fatty acyl lipids. <i>Journal of Biological Chemistry</i> , 2020, 295, 11337-11345.	3.4	7
7	Expression of a Lychee <i>PHOSPHATIDYLCHOLINE:DIACYLGLYCEROL CHOLINEPHOSPHOTRANSFERASE</i> with an <i>Escherichia coli</i> <i>CYCLOPROPANE SYNTHASE</i> Enhances Cyclopropane Fatty Acid Accumulation in Camelina Seeds. <i>Plant Physiology</i> , 2019, 180, 1351-1361.	4.8	14
8	Half-of-the-Sites Reactivity of the Castor Δ^9 -18:0-Acyl Carrier Protein Desaturase. <i>Plant Physiology</i> , 2015, 169, 432-441.	4.8	63
9	Visualizing the kinetic power stroke that drives proton-coupled zinc(ii) transport. <i>Nature</i> , 2014, 512, 101-104.	27.8	91