

# Jin Chai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4674601/publications.pdf>

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	Visualizing the kinetic power stroke that drives proton-coupled zinc(ii) transport. <i>Nature</i> , 2014, 512, 101-104.	27.8	91
2	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
3	Half-of-the-Sites Reactivity of the Castor $\Delta^9$ -18:0-Acyl Carrier Protein Desaturase. <i>Plant Physiology</i> , 2015, 169, 432-441.	4.8	63
4	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
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	AlphaFold Protein Structure Database for Sequence-Independent Molecular Replacement. <i>Crystals</i> , 2021, 11, 1227.	2.2	9
7	A conserved evolutionary mechanism permits $\Delta^9$ desaturation of very-long-chain fatty acyl lipids. <i>Journal of Biological Chemistry</i> , 2020, 295, 11337-11345.	3.4	7
8	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
9	Regioselectivity mechanism of the <i>Thunbergia alata</i> $\Delta^6$ -16:0-acyl carrier protein desaturase. <i>Plant Physiology</i> , 2022, 188, 1537-1549.	4.8	3