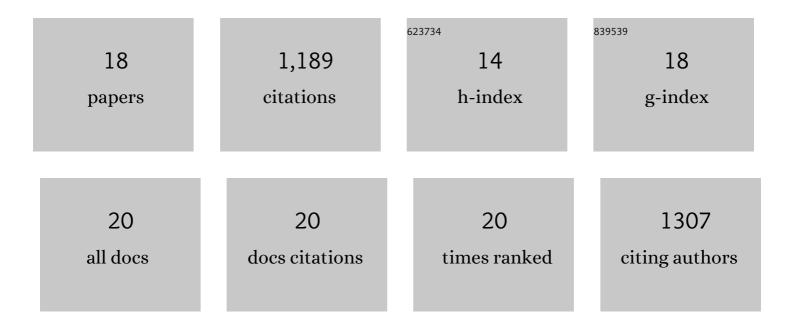
Xiaowei Pan

List of Publications by Year in descending order

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XIAOWEL PAN

#	Article	IF	CITATIONS
1	Structural insights into energy regulation of light-harvesting complex CP29 from spinach. Nature Structural and Molecular Biology, 2011, 18, 309-315.	8.2	242
2	Structure of the maize photosystem I supercomplex with light-harvesting complexes I and II. Science, 2018, 360, 1109-1113.	12.6	159
3	Antenna arrangement and energy transfer pathways of a green algal photosystem-l–LHCI supercomplex. Nature Plants, 2019, 5, 273-281.	9.3	127
4	Crystal structures of the PsbS protein essential for photoprotection in plants. Nature Structural and Molecular Biology, 2015, 22, 729-735.	8.2	125
5	Architecture and function of plant light-harvesting complexes II. Current Opinion in Structural Biology, 2013, 23, 515-525.	5.7	77
6	Structural basis for electron transport mechanism of complex I-like photosynthetic NAD(P)H dehydrogenase. Nature Communications, 2020, 11, 610.	12.8	68
7	Structural analysis and comparison of light-harvesting complexes I and II. Biochimica Et Biophysica Acta - Bioenergetics, 2020, 1861, 148038.	1.0	66
8	Photosynthetic Phosphoribulokinase Structures: Enzymatic Mechanisms and the Redox Regulation of the Calvin-Benson-Bassham Cycle. Plant Cell, 2020, 32, 1556-1573.	6.6	60
9	Structural insights into the catalytic mechanism of aldehyde-deformylating oxygenases. Protein and Cell, 2015, 6, 55-67.	11.0	49
10	Structure, assembly and energy transfer of plant photosystem II supercomplex. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 633-644.	1.0	46
11	Structural basis of LhcbM5-mediated state transitions in green algae. Nature Plants, 2021, 7, 1119-1131.	9.3	43
12	Crystal Structure Analysis of Extrinsic PsbP Protein of Photosystem II Reveals a Manganese-Induced Conformational Change. Molecular Plant, 2015, 8, 664-666.	8.3	31
13	A possible molecular basis for photoprotection in the minor antenna proteins of plants. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, 471-481.	1.0	24
14	Structural insights into catalytic mechanism and product delivery of cyanobacterial acyl-acyl carrier protein reductase. Nature Communications, 2020, 11, 1525.	12.8	19
15	Supramolecular assembly of chloroplast NADH dehydrogenase-like complex with photosystem I from Arabidopsis thaliana. Molecular Plant, 2022, 15, 454-467.	8.3	19
16	Assembly of eukaryotic photosystem II with diverse light-harvesting antennas. Current Opinion in Structural Biology, 2020, 63, 49-57.	5.7	14
17	Crystal structures of Pseudomonas syringae pv. tomato DC3000 quinone oxidoreductase and its complex with NADPH. Biochemical and Biophysical Research Communications, 2009, 390, 597-602.	2.1	10
18	Structure of Arabidopsis SOQ1 lumenal region unveils C-terminal domain essential for negative regulation of photoprotective qH. Nature Plants, 2022, 8, 840-855.	9.3	5