

# Xiaowei Pan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7023938/publications.pdf>

Version: 2024-02-01

18  
papers

1,189  
citations

623734

14  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1307  
citing authors

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