

Xiaowei Pan

List of Publications by Year in descending order

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29
papers

1,930
citations

341340

20
h-index

406909

32
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all docs

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docs citations

34
times ranked

4715
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Regulation of the Light-Harvesting System through State Transitions in Land Plants and Green Algae. <i>Plants</i> , 2023, 12, 1173.	3.6	7
2	Structural insights into the assembly and energy transfer of the Lhcb9-dependent photosystem I from moss <i>Physcomitrium patens</i> . <i>Nature Plants</i> , 2023, 9, 1347-1358.	9.4	4
3	Supramolecular assembly of chloroplast NADH dehydrogenase-like complex with photosystem I from <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2022, 15, 454-467.	8.4	24
4	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.	9.4	5
5	Structural basis of LhcbM5-mediated state transitions in green algae. <i>Nature Plants</i> , 2021, 7, 1119-1131.	9.4	52
6	Structural analysis and comparison of light-harvesting complexes I and II. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020, 1861, 148038.	1.6	72
7	Navigating the challenges of performing anesthesia handoffs and conducting anesthesia handoff research. <i>International Anesthesiology Clinics</i> , 2020, 58, 32-37.	0.8	4
8	Search for a light pseudoscalar Higgs boson in the boosted $\tilde{\chi}_1^0 \tilde{\chi}_1^0$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.8	24
9	Assembly of eukaryotic photosystem II with diverse light-harvesting antennas. <i>Current Opinion in Structural Biology</i> , 2020, 63, 49-57.	5.9	17
10	Structural insights into catalytic mechanism and product delivery of cyanobacterial acyl-acyl carrier protein reductase. <i>Nature Communications</i> , 2020, 11, 1525.	13.2	20
11	Photosynthetic Phosphoribulokinase Structures: Enzymatic Mechanisms and the Redox Regulation of the Calvin-Benson-Bassham Cycle. <i>Plant Cell</i> , 2020, 32, 1556-1573.	6.7	68
12	Structural basis for electron transport mechanism of complex I-like photosynthetic NAD(P)H dehydrogenase. <i>Nature Communications</i> , 2020, 11, 610.	13.2	72
13	A new layout and update for <i>Mineralogical Magazine</i> in 2019. <i>Mineralogical Magazine</i> , 2019, 83, 1-2.	1.6	3
14	Antenna arrangement and energy transfer pathways of a green algal photosystem-LHCI supercomplex. <i>Nature Plants</i> , 2019, 5, 273-281.	9.4	144
15	A possible molecular basis for photoprotection in the minor antenna proteins of plants. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 471-481.	1.6	25
16	Structure, assembly and energy transfer of plant photosystem II supercomplex. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 633-644.	1.6	50
17	Are groups more or less than the sum of their members? The moderating role of individual identification. <i>Behavioral and Brain Sciences</i> , 2016, 39, e137.	0.7	65
18	Crystal Structure Analysis of Extrinsic PsbP Protein of Photosystem II Reveals a Manganese-Induced Conformational Change. <i>Molecular Plant</i> , 2015, 8, 664-666.	8.4	32

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19	Structural insights into the catalytic mechanism of aldehyde-deformylating oxygenases. <i>Protein and Cell</i> , 2015, 6, 55-67.	12.0	50
20	Superior effect of Ni-substitution on the hydrogenation kinetics of Mg ₆ Pd ₁ ™ (TM = Ag, Cu, Ni) pseudo-binary compounds. <i>Journal of Alloys and Compounds</i> , 2015, 645, S334-S337.	5.7	2
21	Crystal structures of the PsbS protein essential for photoprotection in plants. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 729-735.	8.1	130
22	Architecture and function of plant light-harvesting complexes II. <i>Current Opinion in Structural Biology</i> , 2013, 23, 515-525.	5.9	84
23	Humane Orientation as a New Cultural Dimension of the GLOBE Project. <i>Journal of Cross-Cultural Psychology</i> , 2013, 44, 535-551.	1.9	35
24	'My Expectations Remain the Same. The Student Has to Be Competent to Practise': Practice Assessor Perspectives on the New Social Work Degree Qualification in England. <i>British Journal of Social Work</i> , 2010, 40, 583-601.	1.5	15
25	Quality of life, psychosocial health, and antiretroviral therapy among HIV-positive women in Zimbabwe. <i>AIDS Care - Psychological and Socio-Medical Aspects of AIDS/HIV</i> , 2009, 21, 1517-1527.	1.3	44
26	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.	2.2	10
27	X-ray characterization of detached-grown germanium crystals. <i>Journal of Crystal Growth</i> , 2006, 290, 446-451.	1.6	4
28	Meal frequency and energy balance. <i>British Journal of Nutrition</i> , 1997, 77, S57-S70.	2.7	238
29	Infantile Autism Reviewed: A Decade of Research. <i>Schizophrenia Bulletin</i> , 1981, 7, 388-451.	4.6	321