

Wenda Wang

List of Publications by Year in descending order

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37
papers

1,239
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404762

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docs citations

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times ranked

1533
citing authors

#	ARTICLE	IF	CITATIONS
1	Lipid-induced quenching of chlorophyll singlet excitation in lipid-nanodisc accommodated FCP complex from diatom <i>Chaetoceros gracilis</i> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2024, 451, 115533.	4.0	0
2	Structure and distinct supramolecular organization of a PSII-ACPII dimer from a cryptophyte alga <i>Chroomonas placoidea</i> . <i>Nature Communications</i> , 2024, 15, .	13.2	1
3	Structural insights into a unique PSI-LHCI-LHCII-Lhcb9 supercomplex from moss <i>Physcomitrium patens</i> . <i>Nature Plants</i> , 2023, 9, 832-846.	9.4	8
4	Structure of a diatom photosystem II supercomplex containing a member of Lhcx family and dimeric FCP. <i>Science Advances</i> , 2023, 9, .	10.9	10
5	Structural insights into photosystem II supercomplex and trimeric FCP antennae of a centric diatom <i>Cyclotella meneghiniana</i> . <i>Nature Communications</i> , 2023, 14, .	13.2	10
6	Architecture of the chloroplast PSI-NDH supercomplex in <i>Hordeum vulgare</i> . <i>Nature</i> , 2022, 601, 649-654.	36.2	37
7	Effects of mutations of D1-R323, D1-N322, D1-D319, D1-H304 on the functioning of photosystem II in <i>Thermosynechococcus vulcanus</i> . <i>Photosynthesis Research</i> , 2022, 152, 193-206.	2.9	3
8	Exogenous Arachidonic Acid Affects Fucoxanthin Biosynthesis and Photoprotection in <i>Phaeodactylum tricornutum</i> . <i>Marine Drugs</i> , 2022, 20, 644.	4.6	0
9	An Exciton Dynamics Model of <i>Bryopsis corticulans</i> Light-Harvesting Complex II. <i>Journal of Physical Chemistry B</i> , 2021, 125, 1134-1143.	2.7	4
10	Structure, Organization and Function of Light-Harvesting Complexes Associated with Photosystem II. <i>Advances in Photosynthesis and Respiration</i> , 2021, , 163-194.	0.0	0
11	Structure of photosystem I-LHCI-LHCII from the green alga <i>Chlamydomonas reinhardtii</i> in State 2. <i>Nature Communications</i> , 2021, 12, 1100.	13.2	69
12	Antenna arrangement and energy-transfer pathways of PSI-LHCI from the moss <i>Physcomitrella patens</i> . <i>Cell Discovery</i> , 2021, 7, 10.	6.9	41
13	A unique photosystem I reaction center from a chlorophyll <i>d</i> -containing cyanobacterium <i>Acaryochloris marina</i> . <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1740-1752.	9.2	27
14	Structure of plant photosystem I light harvesting complex I supercomplex at 2.4 Å resolution. <i>Journal of Integrative Plant Biology</i> , 2021, 63, 1367-1381.	9.2	32
15	Structural insights into cyanobacterial photosystem II intermediates associated with Psb28 and Tsl0063. <i>Nature Plants</i> , 2021, 7, 1132-1142.	9.4	42
16	Advances and perspectives in several areas of photosynthesis research. <i>Scientia Sinica Vitae</i> , 2021, 51, 1376-1384.	0.3	1
17	Structural insights into a dimeric Psb27-photosystem II complex from a cyanobacterium <i>Thermosynechococcus vulcanus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.6	53
18	Structural elucidation of vascular plant photosystem I and its functional implications. <i>Functional Plant Biology</i> , 2021, , .	3.2	2

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19	Architecture of the photosynthetic complex from a green sulfur bacterium. <i>Science</i> , 2020, 370, .	20.9	63
20	Regulation of photosystem I-light-harvesting complex I from a red alga <i>Cyanidioschyzon merolae</i> in response to light intensities. <i>Photosynthesis Research</i> , 2020, 146, 287-297.	2.9	9
21	Structural basis for energy transfer in a huge diatom PSI-FCPI supercomplex. <i>Nature Communications</i> , 2020, 11, 5081.	13.2	64
22	Spectral tuning of light-harvesting complex II in the siphonous alga <i>Bryopsis corticulans</i> and its effect on energy transfer dynamics. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020, 1861, 148191.	1.6	10
23	Excitation dynamics and relaxation in the major antenna of a marine green alga <i>Bryopsis corticulans</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2020, 1861, 148186.	1.6	6
24	Function of PsbO-Asp158 in photosystem II: effects of mutation of this residue on the binding of PsbO and function of PSII in <i>Thermosynechococcus vulcanus</i> . <i>Photosynthesis Research</i> , 2020, 146, 29-40.	2.9	10
25	Role of PsbV-Tyr137 in photosystem II studied by site-directed mutagenesis in the thermophilic cyanobacterium <i>Thermosynechococcus vulcanus</i> . <i>Photosynthesis Research</i> , 2020, 146, 41-54.	2.9	11
26	The pigment-protein network of a diatom photosystem IIâ€“light-harvesting antenna supercomplex. <i>Science</i> , 2019, 365, .	20.9	145
27	Structure of a C ₂ S ₂ M ₂ N ₂ -type PSIIâ€“LHCII supercomplex from the green alga <i>Chlamydomonas reinhardtii</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21246-21255.	7.6	107
28	Structure of a green algal photosystem I in complex with a large number of light-harvesting complex I subunits. <i>Nature Plants</i> , 2019, 5, 263-272.	9.4	109
29	Structural basis for blue-green light harvesting and energy dissipation in diatoms. <i>Science</i> , 2019, 363, .	20.9	186
30	Isolation and characterization of PSIâ€“LHCI super-complex and their sub-complexes from a red alga <i>Cyanidioschyzon merolae</i> . <i>Photosynthesis Research</i> , 2017, 133, 201-214.	2.9	27
31	Photoelectrochemical Complexes of Fucoxanthinâ€“Chlorophyll Protein for Bioâ€“Photovoltaic Conversion with a High Openâ€“Circuit Photovoltage. <i>Chemistry - an Asian Journal</i> , 2017, 12, 2996-2999.	3.5	7
32	Isolation and characterization of a PSIâ€“LHCI super-complex and its sub-complexes from a siphonaceous marine green alga, <i>Bryopsis Corticulans</i> . <i>Photosynthesis Research</i> , 2015, 123, 61-76.	2.9	20
33	Biochemical and structural study of <i>Arabidopsis</i> hexokinase 1. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 367-375.	2.4	35
34	A stable â€“sandwichâ€™ system of Surfaceâ€“Enhanced Resonance Raman Scattering for the analysis of β -carotenes in a photosynthetic pigmentâ€“protein complex. <i>Journal of Raman Spectroscopy</i> , 2013, 44, 1111-1119.	2.5	5
35	Spectral and functional studies on siphonaxanthin-type light-harvesting complex of photosystem II from <i>Bryopsis corticulans</i> . <i>Photosynthesis Research</i> , 2013, 117, 267-279.	2.9	44
36	Singlet Oxygen Formation and Scavenging in Cytochrome <i>b₆f</i> Complex from Spinach. <i>Sheng Wu Wu Li Hsueh Bao</i> , 2012, 28, 848.	0.0	0

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37	Isolation and Characteristics of the PSI-LHCI-LHCII Supercomplex Under High Light. <i>Photochemistry and Photobiology</i> , 2011, 87, 143-150.	2.6	11