

Tatsuya Tomo

List of Publications by Year in descending order

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114
papers

3,545
citations

126907

33
h-index

161849

54
g-index

120
all docs

120
docs citations

120
times ranked

2691
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectral Properties of Chlorophyll <i>f</i> in the B800 Cavity of Light-Harvesting Complex 2 from the Purple Photosynthetic Bacterium <i>Rhodoblastus acidophilus</i> . <i>Photochemistry and Photobiology</i> , 2022, 98, 169-174.	2.5	4
2	Raman Spectroscopy and Its Modifications Applied to Biological and Medical Research. <i>Cells</i> , 2022, 11, 386.	4.1	35
3	Chlorophyll Species and Their Functions in the Photosynthetic Energy Conversion. <i>Advances in Photosynthesis and Respiration</i> , 2021, , 133-161.	1.0	1
4	Determination of the potential of cyanobacterial strains for hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 2627-2639.	7.1	68
5	Bioprocesses of hydrogen production by cyanobacteria cells and possible ways to increase their productivity. <i>Renewable and Sustainable Energy Reviews</i> , 2020, 133, 110054.	16.4	52
6	Photoelectric Conversion System Composed of Gene-Recombined Photosystem I and Platinum Nanoparticle Nanosheet. <i>Langmuir</i> , 2020, 36, 6429-6435.	3.5	7
7	Gold nanoparticle conjugate with photosystem I and photosystem II for development of a biohybrid water-splitting photocatalyst. <i>Biomedical Spectroscopy and Imaging</i> , 2020, 9, 73-81.	1.2	2
8	Structural basis for the adaptation and function of chlorophyll <i>f</i> in photosystem I. <i>Nature Communications</i> , 2020, 11, 238.	12.8	75
9	Photosynthesis supported by a chlorophyll <i>f</i> -dependent, entropy-driven uphill energy transfer in <i>Halomicronema hongdechloris</i> cells adapted to far-red light. <i>Photosynthesis Research</i> , 2019, 139, 185-201.	2.9	59
10	Photosensing System Using Photosystem I and Gold Nanoparticle on Graphene Field-Effect Transistor. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42773-42779.	8.0	24
11	The 10th international conference on "Photosynthesis and Hydrogen Energy Research for sustainability" A pictorial report in honor of Tingyun Kuang, Anthony Larkum, Cesare Marchetti and Kimiyuki Satoh. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 30927-30934.	7.1	3
12	Unsupervised classification of PSII with and without water-oxidizing complex samples by PARAFAC resolution of excitation-emission fluorescence images. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 195, 58-66.	3.8	3
13	Hydrogen production from phototrophic microorganisms: Reality and perspectives. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 5799-5811.	7.1	176
14	International Conference on "Photosynthesis and Hydrogen Energy Research for Sustainability-2017" <i>Photosynthesis Research</i> , 2019, 139, 1-8.	2.9	9
15	Lysyl oxidase-like protein secreted from an acidophilic red alga, <i>Cyanidium caldarium</i> . <i>Plant Direct</i> , 2018, 2, e00084.	1.9	1
16	Links between peptides and Mn oxide: nano-sized manganese oxide embedded in a peptide matrix. <i>New Journal of Chemistry</i> , 2018, 42, 10067-10077.	2.8	1
17	Photocurrent Generation of Reconstituted Photosystem II on a Self-Assembled Gold Film. <i>Langmuir</i> , 2017, 33, 1351-1358.	3.5	18
18	Conjugates between photosystem I and a carbon nanotube for a photoresponse device. <i>Photosynthesis Research</i> , 2017, 133, 155-162.	2.9	11

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19	Preface: photosynthesis and hydrogen energy research for sustainability. <i>Photosynthesis Research</i> , 2017, 133, 1-3.	2.9	7
20	Electrostatic interaction of positive charges on the surface of Psb31 with photosystem II in the diatom <i>Chaetoceros gracilis</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 779-785.	1.0	7
21	Nanosized manganese oxide/holmium oxide: a new composite for water oxidation. <i>New Journal of Chemistry</i> , 2017, 41, 13732-13741.	2.8	7
22	Functional role of Lys residues of Psb31 in electrostatic interactions with diatom photosystem II. <i>FEBS Letters</i> , 2017, 591, 3259-3264.	2.8	4
23	A new strategy to make an artificial enzyme: photosystem II around nanosized manganese oxide. <i>Catalysis Science and Technology</i> , 2017, 7, 4451-4461.	4.1	7
24	A Photochemical Hydrogen Evolution System Combining Cyanobacterial Photosystem I and Platinum Nanoparticle-terminated Molecular Wires. <i>Chemistry Letters</i> , 2017, 46, 1479-1481.	1.3	5
25	A nanosized Mn oxide/boron nitride composite as a catalyst for water oxidation. <i>New Journal of Chemistry</i> , 2017, 41, 10627-10633.	2.8	11
26	Peptide aptamer-assisted immobilization of green fluorescent protein for creating biomolecule-complexed carbon nanotube device. <i>Japanese Journal of Applied Physics</i> , 2017, 56, 107001.	1.5	1
27	Nanostructured Mn Oxide/Carboxylic Acid or Amine Functionalized Carbon Nanotubes as Water-Oxidizing Composites in Artificial Photosynthesis. , 2017, , 321-331.		0
28	Relationship Between Photochemical Quenching and Non-Photochemical Quenching in Six Species of Cyanobacteria Reveals Species Difference in Redox State and Species Commonality in Energy Dissipation. <i>Plant and Cell Physiology</i> , 2016, 57, pcv185.	3.1	41
29	Chlorophylls d and f and their role in primary photosynthetic processes of cyanobacteria. <i>Biochemistry (Moscow)</i> , 2016, 81, 201-212.	1.5	63
30	Cross-Sectional TEM Analysis of an ITO Surface Coated with Photosystem I and Molecular Wires. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 1309-1312.	3.7	5
31	Nanostructured manganese oxide on silica aerogel: a new catalyst toward water oxidation. <i>Photosynthesis Research</i> , 2016, 130, 225-235.	2.9	7
32	Nanostructured manganese oxide on frozen smoke: A new water-oxidizing composite. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 2466-2476.	7.1	27
33	Conversion of photosystem II dimer to monomers during photoinhibition is tightly coupled with decrease in oxygen-evolving activity in the diatom <i>Chaetoceros gracilis</i> . <i>Photosynthesis Research</i> , 2016, 130, 83-91.	2.9	10
34	International conference on "Photosynthesis research for sustainability-2015" in honor of George C. Papageorgiou, September 21-26, 2015, Crete, Greece. <i>Photosynthesis Research</i> , 2016, 130, 1-10.	2.9	22
35	Photobiological hydrogen production and artificial photosynthesis for clean energy: from bio to nanotechnologies. <i>Photosynthesis Research</i> , 2015, 126, 237-247.	2.9	28
36	Modified molecular interactions of the pheophytin and plastoquinone electron acceptors in photosystem II of chlorophyll d-containing <i>Acaryochloris marina</i> as revealed by FTIR spectroscopy. <i>Photosynthesis Research</i> , 2015, 125, 105-114.	2.9	7

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37	Energy transfer in the chlorophyll f-containing cyanobacterium, <i>Halomicronema hongdechloris</i> , analyzed by time-resolved fluorescence spectroscopies. <i>Photosynthesis Research</i> , 2015, 125, 115-122.	2.9	23
38	Platinum/manganese oxide nanocomposites as water-oxidizing catalysts: New findings and current controversies. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 10825-10832.	7.1	54
39	Site-directed mutagenesis of amino acid residues of D1 protein interacting with phosphatidylglycerol affects the function of plastoquinone QB in photosystem II. <i>Photosynthesis Research</i> , 2015, 126, 385-397.	2.9	18
40	Gold nanorods or nanoparticles deposited on layered manganese oxide: new findings. <i>New Journal of Chemistry</i> , 2015, 39, 7260-7267.	2.8	8
41	Regulation of excitation energy transfer in diatom PSII dimer: How does it change the destination of excitation energy?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 1274-1282.	1.0	29
42	Manganese oxides supported on gold nanoparticles: new findings and current controversies for the role of gold. <i>Photosynthesis Research</i> , 2015, 126, 477-487.	2.9	12
43	Effects of Extrinsic Proteins on the Protein Conformation of the Oxygen-Evolving Center in Cyanobacterial Photosystem II As Revealed by Fourier Transform Infrared Spectroscopy. <i>Biochemistry</i> , 2015, 54, 2022-2031.	2.5	19
44	Comparison of nano-sized Mn oxides with the Mn cluster of photosystem II as catalysts for water oxidation. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2015, 1847, 294-306.	1.0	25
45	Water exchange in manganese-based water-oxidizing catalysts in photosynthetic systems: From the water-oxidizing complex in photosystem II to nano-sized manganese oxides. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1395-1410.	1.0	15
46	A nano-sized manganese oxide in a protein matrix as a natural water-oxidizing site. <i>Plant Physiology and Biochemistry</i> , 2014, 81, 3-15.	5.8	9
47	Nano-sized manganese-calcium cluster in photosystem II. <i>Biochemistry (Moscow)</i> , 2014, 79, 324-336.	1.5	8
48	Nanostructured manganese oxide/carbon nanotubes, graphene and graphene oxide as water-oxidizing composites in artificial photosynthesis. <i>Dalton Transactions</i> , 2014, 43, 10866-10876.	3.3	49
49	Mn oxide/nanodiamond composite: a new water-oxidizing catalyst for water oxidation. <i>RSC Advances</i> , 2014, 4, 37613-37619.	3.6	25
50	Control Mechanism of Excitation Energy Transfer in a Complex Consisting of Photosystem II and Fucoxanthin Chlorophyll <i>a</i> / <i>c</i> -Binding Protein. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 2983-2987.	4.6	30
51	Nanolayered manganese oxide/C ₆₀ composite: a good water-oxidizing catalyst for artificial photosynthetic systems. <i>Dalton Transactions</i> , 2014, 43, 12058-12064.	3.3	30
52	Energy transfer processes in chlorophyll f-containing cyanobacteria using time-resolved fluorescence spectroscopy on intact cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1484-1489.	1.0	31
53	Excitation relaxation dynamics and energy transfer in fucoxanthin-chlorophyll <i>a/c</i> -protein complexes, probed by time-resolved fluorescence. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2014, 1837, 1514-1521.	1.0	41
54	Light-Harvesting Ability of the Fucoxanthin Chlorophyll <i>a/c</i> -Binding Protein Associated with Photosystem II from the Diatom <i>Chaetoceros gracilis</i> As Revealed by Picosecond Time-Resolved Fluorescence Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2014, 118, 5093-5100.	2.6	38

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55	Special issue on Photosynthesis Research for Sustainability. <i>Plant Physiology and Biochemistry</i> , 2014, 81, 1-2.	5.8	1
56	Structural Coupling of Extrinsic Proteins with the Oxygen-Evolving Center in Red Algal Photosystem II As Revealed by Light-Induced FTIR Difference Spectroscopy. <i>Biochemistry</i> , 2013, 52, 5705-5707.	2.5	16
57	Crystal Structure of Psb31, a Novel Extrinsic Protein of Photosystem II from a Marine Centric Diatom and Implications for Its Binding and Function. <i>Biochemistry</i> , 2013, 52, 6646-6652.	2.5	27
58	Comparison of oligomeric states and polypeptide compositions of fucoxanthin chlorophyll a/c-binding protein complexes among various diatom species. <i>Photosynthesis Research</i> , 2013, 117, 281-288.	2.9	65
59	Metal and Serine Proteases in the Crude Photosystem II Particles from a Diatom, <i>Chaetoceros Gracilis</i> . <i>Advanced Topics in Science and Technology in China</i> , 2013, , 83-85.	0.1	0
60	Light-independent biosynthesis and assembly of the photosystem II complex in the diatom <i>Chaetoceros gracilis</i> . <i>FEBS Letters</i> , 2013, 587, 1340-1345.	2.8	13
61	High Excitation Energy Quenching in Fucoxanthin Chlorophyll a/c-Binding Protein Complexes from the Diatom <i>Chaetoceros gracilis</i> . <i>Journal of Physical Chemistry B</i> , 2013, 117, 6888-6895.	2.6	56
62	Proteases are associated with a minor fucoxanthin chlorophyll a/c-binding protein from the diatom, <i>Chaetoceros gracilis</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 2110-2117.	1.0	33
63	Metabolic Engineering of the Chl d-Dominated Cyanobacterium <i>Acaryochloris marina</i> : Production of a Novel Chl Species by the Introduction of the Chlorophyllide a Oxygenase Gene. <i>Plant and Cell Physiology</i> , 2012, 53, 518-527.	3.1	33
64	Alterations in photosynthetic pigments and amino acid composition of D1 protein change energy distribution in photosystem II. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 754-759.	1.0	17
65	Luminescence of singlet oxygen in photosystem II complexes isolated from cyanobacterium <i>Synechocystis</i> sp. PCC6803 containing monovinyl or divinyl chlorophyll a. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1299-1305.	1.0	11
66	Artificially produced [7-formyl]-chlorophyll d functions as an antenna pigment in the photosystem II isolated from the chlorophyllide a oxygenase-expressing <i>Acaryochloris marina</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012, 1817, 1285-1291.	1.0	16
67	Photosystem II-Gold Nanoparticle Conjugate as a Nanodevice for the Development of Artificial Light-Driven Water-Splitting Systems. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 2448-2452.	4.6	52
68	Redox potentials of primary electron acceptor quinone molecule (Q _A) and conserved energetics of photosystem II in cyanobacteria with chlorophyll a and chlorophyll d. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8054-8058.	7.1	83
69	Molecular environments of divinyl chlorophylls in <i>Prochlorococcus</i> and <i>Synechocystis</i> : Differences in fluorescence properties with chlorophyll replacement. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 471-481.	1.0	13
70	Herbicide effect on the photodamage process of photosystem II: Fourier transform infrared study. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2011, 1807, 1214-1220.	1.0	14
71	Constitution and energetics of photosystem I and photosystem II in the chlorophyll d-dominated cyanobacterium <i>Acaryochloris marina</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2011, 104, 333-340.	3.8	34
72	2P289 1A1325 Spectroelectrochemical investigation of redox potential of the primary quinone electron acceptor QA in photosystem II for various species(The 48th Annual Meeting of the) Tj ETQq0 0 0 rgBT /Overl		

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73	Purification and characterization of a stable oxygen-evolving Photosystem II complex from a marine centric diatom, <i>Chaetoceros gracilis</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 160-166.	1.0	63
74	Speciesâ€dependence of the redox potential of the primary quinone electron acceptor Q _A in photosystem II verified by spectroelectrochemistry. <i>FEBS Letters</i> , 2010, 584, 1526-1530.	2.8	28
75	Direct measurement of singlet oxygen produced by four chlorin-ringed chlorophyll species in acetone solution. <i>Chemical Physics Letters</i> , 2010, 485, 202-206.	2.6	17
76	Binding and Functional Properties of Five Extrinsic Proteins in Oxygen-evolving Photosystem II from a Marine Centric Diatom, <i>Chaetoceros gracilis</i> *. <i>Journal of Biological Chemistry</i> , 2010, 285, 29191-29199.	3.4	41
77	Redox potential of pheophytin <i>a</i> in photosystem II of two cyanobacteria having the different special pair chlorophylls. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3924-3929.	7.1	88
78	Topological Analysis of the Extrinsic PsbO, PsbP and PsbQ Proteins in a Green Algal PSII Complex by Cross-Linking with a Water-Soluble Carbodiimide. <i>Plant and Cell Physiology</i> , 2010, 51, 718-727.	3.1	35
79	Replacement of chlorophyll with di-vinyl chlorophyll in the antenna and reaction center complexes of the cyanobacterium <i>Synechocystis</i> sp. PCC 6803: Characterization of spectral and photochemical properties. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 191-200.	1.0	22
80	Effect of a Single-Amino Acid Substitution of the 43 kDa Chlorophyll Protein on the Oxygen-Evolving Reaction of the Cyanobacterium <i>Synechocystis</i> sp. PCC 6803: Analysis of the Glu354Gln Mutation. <i>Biochemistry</i> , 2009, 48, 6095-6103.	2.5	49
81	Detection of the D0â†D1 transition of β^2 -carotene radical cation photoinduced in photosystem II. <i>Photochemical and Photobiological Sciences</i> , 2009, 8, 157-161.	2.9	2
82	1P-230 FTIR study on the structure of CP43-E354 in the photosynthetic oxygen-evolving center(Photobiology:Photosynthesis, The 47th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2009, 49, S98.	0.1	0
83	Two unique cyanobacteria lead to a traceable approach of the first appearance of oxygenic photosynthesis. <i>Photosynthesis Research</i> , 2008, 97, 167-176.	2.9	30
84	Spectral properties of the CP43-deletion mutant of <i>Synechocystis</i> sp. PCC 6803. <i>Photosynthesis Research</i> , 2008, 98, 303-314.	2.9	14
85	Isolation and spectral characterization of Photosystem II reaction center from <i>Synechocystis</i> sp. PCC 6803. <i>Photosynthesis Research</i> , 2008, 98, 293-302.	2.9	20
86	Solvent effects on excitation relaxation dynamics of a keto-carotenoid, siphonaxanthin. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 1206-1209.	2.9	26
87	Niche adaptation and genome expansion in the chlorophyll <i>d</i> -producing cyanobacterium <i>Acaryochloris marina</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2005-2010.	7.1	210
88	Characterization of Highly Purified Photosystem I Complexes from the Chlorophyll d-dominated Cyanobacterium <i>Acaryochloris marina</i> MBIC 11017. <i>Journal of Biological Chemistry</i> , 2008, 283, 18198-18209.	3.4	70
89	Unique Optical Properties of LHC II Isolated from <i>Codium fragile</i> â€ Its Correlation to Protein Environment. , 2008, , 343-346.		2
90	Identification of the special pair of photosystem II in a chlorophyll d-dominated cyanobacterium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 7283-7288.	7.1	123

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91	Identification of a New Excited State Responsible for the in vivo Unique Absorption Band of Siphonaxanthin in the Green Alga <i>Codium fragile</i> . <i>Journal of Physical Chemistry B</i> , 2007, 111, 9179-9181.	2.6	39
92	Perturbation of the Structure of P680 and the Charge Distribution on Its Radical Cation in Isolated Reaction Center Complexes of Photosystem II as Revealed by Fourier Transform Infrared Spectroscopy. <i>Biochemistry</i> , 2007, 46, 4390-4397.	2.5	65
93	Delayed fluorescence observed in the nanosecond time region at 77ÅK originates directly from the photosystem II reaction center. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2007, 1767, 327-334.	1.0	59
94	Reversible absorption change of chlorophyll d in solutions. <i>Chemical Physics Letters</i> , 2006, 423, 282-287.	2.6	15
95	Proton ENDOR study of the primary donor P740+, a special pair of chlorophyll d in photosystem I reaction center of <i>Acaryochloris marina</i> . <i>Chemical Physics Letters</i> , 2005, 411, 262-266.	2.6	13
96	The functional sites of chlorophylls in D1 and D2 subunits of Photosystem II identified by pulsed EPR. <i>Photosynthesis Research</i> , 2005, 84, 187-192.	2.9	15
97	Pigment exchange of Photosystem II reaction center by chlorophyll d. <i>Photosynthesis Research</i> , 2005, 84, 77-83.	2.9	12
98	Rapid solubility measurement of protein crystals as a function of precipitant concentration with micro-dialysis cell and two-beam interferometer. <i>Journal of Synchrotron Radiation</i> , 2004, 11, 34-37.	2.4	9
99	Degradation of the D1 Protein of Photosystem II under Illumination in Vivo: Two Different Pathways Involving Cleavage or Intermolecular Cross-Linking. <i>Biochemistry</i> , 2003, 42, 10034-10044.	2.5	19
100	Binding and Functional Properties of the Extrinsic Proteins in Oxygen-Evolving Photosystem II Particle from a Green Alga, <i>Chlamydomonas reinhardtii</i> having His-tagged CP47. <i>Plant and Cell Physiology</i> , 2003, 44, 76-84.	3.1	55
101	Triplet Formation on a Monomeric Chlorophyll in the Photosystem II Reaction Center As Studied by Time-Resolved Infrared Spectroscopy. <i>Biochemistry</i> , 2001, 40, 2176-2185.	2.5	59
102	Fourier Transform Infrared Study of the Cation Radical of P680 in the Photosystem II Reaction Center: Evidence for Charge Delocalization on the Chlorophyll Dimer. <i>Biochemistry</i> , 1998, 37, 13614-13625.	2.5	90
103	Intramolecular Cross-linking of the Extrinsic 33-kDa Protein Leads to Loss of Oxygen Evolution but Not Its Ability of Binding to Photosystem II and Stabilization of the Manganese Cluster. <i>Journal of Biological Chemistry</i> , 1998, 273, 4629-4634.	3.4	64
104	Topological Analysis of PS II Reaction Center Using Monoclonal Antibodies. , 1998, , 993-996.		0
105	FTIR Study of the Cation Radical of P680 in the Photosystem II Reaction Center: Structural Model of P680. , 1998, , 1049-1052.		0
106	Topology of pigments in the isolated Photosystem II reaction center studied by selective extraction. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1997, 1321, 21-30.	1.0	31
107	The distance between P680 and QA in Photosystem II determined by ESEEM spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1997, 1322, 77-85.	1.0	31
108	Identification of a photochemically inactive pheophytin molecule in the spinach D1-D2-cyt b559 complex. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1995, 1232, 81-88.	1.0	33

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109	15-cis- β -Carotene found in the reaction center of spinach photosystem II. FEBS Letters, 1995, 363, 137-140.	2.8	57
110	Heat-Induced Pigment Alteration in the Photosystem I and II Reaction Centers. , 1995, , 1117-1120.		0
111	Is the primary cause of thermal inactivation of oxygen evolution in spinach PS II membranes release of the extrinsic 33 kDa protein or of Mn?. Biochimica Et Biophysica Acta - Bioenergetics, 1994, 1186, 52-58.	1.0	191
112	Immobilization of the three extrinsic proteins in spinach oxygen-evolving Photosystem II membranes: roles of the proteins in stabilization of binding of Mn and Ca ²⁺ . Biochimica Et Biophysica Acta - Bioenergetics, 1994, 1185, 75-80.	1.0	21
113	Nearest neighbor analysis of D1 and D2 subunits in the photosystem II reaction center using a bifunctional cross-linker, hexamethylene diisocyanate. FEBS Letters, 1994, 351, 27-30.	2.8	12
114	Orientation and nearest neighbor analysis of <i>psbI</i> gene product in the photosystem II reaction center complex using bifunctional cross-linkers. FEBS Letters, 1993, 323, 15-18.	2.8	27