

# Seiji Akimoto

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

108  
papers

2,125  
citations

26  
h-index

40  
g-index

115  
ext. papers

2,492  
ext. citations

5.1  
avg. IF

4.99  
L-index

#	Paper	IF	Citations
108	Characterization of photosystem II assembly complexes containing ONE-HELIX PROTEIN1 in <i>Arabidopsis thaliana</i> .. <i>Journal of Plant Research</i> , <b>2022</b> , 135, 361	2.6	0
107	Excitation-energy transfer in heterocysts isolated from the cyanobacterium <i>Anabaena</i> sp. PCC 7120 as studied by time-resolved fluorescence spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2022</b> , 1863, 148509	4.6	
106	Structure of a tetrameric photosystem I from a glaucophyte alga <i>Cyanophora paradoxa</i> .. <i>Nature Communications</i> , <b>2022</b> , 13, 1679	17.4	2
105	Structural basis for different types of hetero-tetrameric light-harvesting complexes in a diatom PSII-FCPII supercomplex.. <i>Nature Communications</i> , <b>2022</b> , 13, 1764	17.4	1
104	Mutations in hik26 and slr1916 lead to high-light stress tolerance in <i>Synechocystis</i> sp. PCC6803. <i>Communications Biology</i> , <b>2021</b> , 4, 343	6.7	4
103	High-light modification of excitation-energy-relaxation processes in the green flagellate <i>Euglena gracilis</i> . <i>Photosynthesis Research</i> , <b>2021</b> , 149, 303-311	3.7	1
102	Estimation of linear and cyclic electron flows in photosynthesis based on C-metabolic flux analysis. <i>Journal of Bioscience and Bioengineering</i> , <b>2021</b> , 131, 277-282	3.3	4
101	Basic pH-induced modification of excitation-energy dynamics in fucoxanthin chlorophyll a/c-binding proteins isolated from a pinguiphyte, <i>Glossomastix chrysoplata</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2021</b> , 1862, 148306	4.6	
100	Role of type I NADH dehydrogenase in <i>Synechocystis</i> sp. PCC 6803 under phycobilisome excited red light. <i>Plant Science</i> , <b>2021</b> , 304, 110798	5.3	4
99	Molecular organizations and function of iron-stress-induced-A protein family in <i>Anabaena</i> sp. PCC 7120. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2021</b> , 1862, 148327	4.6	2
98	Modification of Energy Distribution Between Photosystems I and II by Spillover Revealed by Time-Resolved Fluorescence Spectroscopy. <i>Advances in Photosynthesis and Respiration</i> , <b>2021</b> , 277-302	1.7	
97	Enhancement of excitation-energy quenching in fucoxanthin chlorophyll a/c-binding proteins isolated from a diatom <i>Phaeodactylum tricornutum</i> upon excess-light illumination. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2021</b> , 1862, 148350	4.6	3
96	Proteome analysis of response to different spectral light irradiation in <i>Synechocystis</i> sp. PCC 6803. <i>Journal of Proteomics</i> , <b>2021</b> , 246, 104306	3.9	1
95	Structural basis for assembly and function of a diatom photosystem I-light-harvesting supercomplex. <i>Nature Communications</i> , <b>2020</b> , 11, 2481	17.4	24
94	Photoprotection mechanisms under different CO regimes during photosynthesis in a green alga <i>Chlorella variabilis</i> . <i>Photosynthesis Research</i> , <b>2020</b> , 144, 397-407	3.7	3
93	Structure of a cyanobacterial photosystem I surrounded by octadecameric IsiA antenna proteins. <i>Communications Biology</i> , <b>2020</b> , 3, 232	6.7	10
92	Acidic pH-Induced Modification of Energy Transfer in Diatom Fucoxanthin Chlorophyll /-Binding Proteins. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 4919-4923	3.4	6

91	Excitation-Energy Transfer and Quenching in Diatom PSI-FCPI upon P700 Cation Formation. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 1481-1486	3-4	12
90	Changes in excitation relaxation of diatoms in response to fluctuating light, probed by fluorescence spectroscopies. <i>Photosynthesis Research</i> , <b>2020</b> , 146, 143-150	3-7	5
89	pH-Induced Regulation of Excitation Energy Transfer in the Cyanobacterial Photosystem I Tetramer. <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 1949-1954	3-4	5
88	Effects of CO and temperature on photosynthetic performance in the diatom <i>Chaetoceros gracilis</i> . <i>Photosynthesis Research</i> , <b>2020</b> , 146, 189-195	3-7	8
87	Structural basis for the adaptation and function of chlorophyll f in photosystem I. <i>Nature Communications</i> , <b>2020</b> , 11, 238	17-4	43
86	Adaptation of light-harvesting and energy-transfer processes of a diatom <i>Phaeodactylum tricornutum</i> to different light qualities. <i>Photosynthesis Research</i> , <b>2020</b> , 146, 227-234	3-7	8
85	Adaptation of light-harvesting and energy-transfer processes of a diatom <i>Chaetoceros gracilis</i> to different light qualities. <i>Photosynthesis Research</i> , <b>2020</b> , 146, 87-93	3-7	5
84	Reply to "Comment on "Acidic pH-Induced Modification of Energy Transfer in Diatom Fucoxanthin Chlorophyll /-Binding Proteins". <i>Journal of Physical Chemistry B</i> , <b>2020</b> , 124, 10588-10589	3-4	
83	Structure of a cyanobacterial photosystem I tetramer revealed by cryo-electron microscopy. <i>Nature Communications</i> , <b>2019</b> , 10, 4929	17-4	29
82	Formation of a PSI-PSII megacomplex containing LHCSR and PsbS in the moss <i>Physcomitrella patens</i> . <i>Journal of Plant Research</i> , <b>2019</b> , 132, 867-880	2-6	9
81	Ten antenna proteins are associated with the core in the supramolecular organization of the photosystem I supercomplex in. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 4304-4314	5-4	28
80	pH-Sensing Machinery of Excitation Energy Transfer in Diatom PSI-FCPI Complexes. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 3531-3535	6-4	8
79	Effects of excess light energy on excitation-energy dynamics in a pennate diatom <i>Phaeodactylum tricornutum</i> . <i>Photosynthesis Research</i> , <b>2019</b> , 141, 355-365	3-7	13
78	Ultrafast Excitation Energy Dynamics in a Diatom Photosystem I-Antenna Complex: A Femtosecond Fluorescence Upconversion Study. <i>Journal of Physical Chemistry B</i> , <b>2019</b> , 123, 2673-2678	3-4	7
77	Adaptation of light-harvesting functions of unicellular green algae to different light qualities. <i>Photosynthesis Research</i> , <b>2019</b> , 139, 145-154	3-7	16
76	Regulation of excitation energy in <i>Nannochloropsis</i> photosystem II. <i>Photosynthesis Research</i> , <b>2019</b> , 139, 155-161	3-7	2
75	Spectral Properties and Excitation Relaxation of Novel Fucoxanthin Chlorophyll /-Binding Protein Complexes. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 5148-5152	6-4	10
74	Structural basis for energy harvesting and dissipation in a diatom PSII-FCPII supercomplex. <i>Nature Plants</i> , <b>2019</b> , 5, 890-901	11-5	58

73	Exergonic Intramolecular Singlet Fission of an Adamantane-Linked Tetracene Dyad via Twin Quintet Multiexcitons. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 18813-18823	3.8	26
72	The PSI-PSII Megacomplex in Green Plants. <i>Plant and Cell Physiology</i> , <b>2019</b> , 60, 1098-1108	4.9	23
71	Biochemical characterization of photosystem I complexes having different subunit compositions of fucoxanthin chlorophyll a/c-binding proteins in the diatom <i>Chaetoceros gracilis</i> . <i>Photosynthesis Research</i> , <b>2019</b> , 140, 141-149	3.7	17
70	Low-Energy Chlorophylls in Fucoxanthin Chlorophyll a/ c-Binding Protein Conduct Excitation Energy Transfer to Photosystem I in Diatoms. <i>Journal of Physical Chemistry B</i> , <b>2019</b> , 123, 66-70	3.4	18
69	Energy transfer and distribution in photosystem super/megacomplexes of plants. <i>Current Opinion in Biotechnology</i> , <b>2018</b> , 54, 50-56	11.4	12
68	Alterations of pigment composition and their interactions in response to different light conditions in the diatom <i>Chaetoceros gracilis</i> probed by time-resolved fluorescence spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2018</b> , 1859, 524-530	4.6	16
67	Light-Harvesting Strategy during CO-Dependent Photosynthesis in the Green Alga <i>Chlamydomonas reinhardtii</i> . <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 1028-1033	6.4	15
66	LHCSR1-dependent fluorescence quenching is mediated by excitation energy transfer from LHCI to photosystem I in. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 3722-3727	11.5	32
65	Biochemical and Spectroscopic Characterizations of a Hybrid Light-Harvesting Reaction Center Core Complex. <i>Biochemistry</i> , <b>2018</b> , 57, 4496-4503	3.2	4
64	Charge-Transfer Character Drives M <sub>B</sub> ius Antiaromaticity in the Excited Triplet State of Twisted [28]Hexaphyrin. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 2685-2690	6.4	12
63	Singlet-Fission-Born Quintet State: Sublevel Selections and Trapping by Multiexciton Thermodynamics. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 5855-5861	6.4	39
62	Energy transfer in <i>Anabaena variabilis</i> filaments adapted to nitrogen-depleted and nitrogen-enriched conditions studied by time-resolved fluorescence. <i>Photosynthesis Research</i> , <b>2017</b> , 133, 317-326	3.7	2
61	Variety in excitation energy transfer processes from phycobilisomes to photosystems I and II. <i>Photosynthesis Research</i> , <b>2017</b> , 133, 235-243	3.7	9
60	How Light-Harvesting and Energy-Transfer Processes Are Modified Under Different Light Conditions: STUDIES by Time-Resolved Fluorescence Spectroscopy <b>2017</b> , 169-184		2
59	Adaptation of Divinyl Chlorophyll a/b-Containing Cyanobacterium to Different Light Conditions: Three Strains of <i>Prochlorococcus marinus</i> . <i>Journal of Physical Chemistry B</i> , <b>2017</b> , 121, 9081-9090	3.4	20
58	Fluorescence lifetime analyses reveal how the high light-responsive protein LHCSR3 transforms PSII light-harvesting complexes into an energy-dissipative state. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 18951-18960	5.4	24
57	An Acid-Responsive Single Trichromatic Luminescent Dye That Provides Pure White-Light Emission. <i>ChemPhotoChem</i> , <b>2017</b> , 1, 427-431	3.3	7
56	Deficiency of the Stroma-Lamellar Protein LIL8/PSB33 Affects Energy Transfer Around PSI in <i>Arabidopsis</i> . <i>Plant and Cell Physiology</i> , <b>2017</b> , 58, 2026-2039	4.9	10

55	Energy Transfer in Cyanobacteria and Red Algae: Confirmation of Spillover in Intact Megacomplexes of Phycobilisome and Both Photosystems. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 3567-71	6.4	17
54	Excitation relaxation dynamics and energy transfer in pigment-protein complexes of a dinoflagellate, revealed by ultrafast fluorescence spectroscopy. <i>Photosynthesis Research</i> , <b>2016</b> , 130, 183-191	3.7	3
53	Diversity in photosynthetic electron transport under [CO <sub>2</sub> ]-limitation: the cyanobacterium <i>Synechococcus</i> sp. PCC 7002 and green alga <i>Chlamydomonas reinhardtii</i> drive an O <sub>2</sub> -dependent alternative electron flow and non-photochemical quenching of chlorophyll fluorescence during CO <sub>2</sub> -limited photosynthesis. <i>Photosynthesis Research</i> , <b>2016</b> , 130, 293-305	3.7	19
52	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> , <b>2015</b> , 1847, 1274-82	4.6	26
51	Light-harvesting complex Lhcb9 confers a green alga-type photosystem I supercomplex to the moss <i>Physcomitrella patens</i> . <i>Nature Plants</i> , <b>2015</b> , 1, 14008	11.5	17
50	Comparative Analysis of Ultrafast Excitation Energy-Transfer Pathways in Three Strains of Divinyl Chlorophyll a/b-Containing Cyanobacterium, <i>Prochlorococcus marinus</i> . <i>Journal of Physical Chemistry B</i> , <b>2015</b> , 119, 15593-600	3.4	8
49	Energy transfer in the chlorophyll f-containing cyanobacterium, <i>Halomicronema hongdechloris</i> , analyzed by time-resolved fluorescence spectroscopies. <i>Photosynthesis Research</i> , <b>2015</b> , 125, 115-22	3.7	21
48	Light adaptation of the unicellular red alga, <i>Cyanidioschyzon merolae</i> , probed by time-resolved fluorescence spectroscopy. <i>Photosynthesis Research</i> , <b>2015</b> , 125, 211-8	3.7	14
47	Differences in energy transfer of a cyanobacterium, <i>Synechococcus</i> sp. PCC 7002, grown in different cultivation media. <i>Photosynthesis Research</i> , <b>2015</b> , 125, 201-10	3.7	2
46	Energy transfer in <i>Anabaena variabilis</i> filaments under nitrogen depletion, studied by time-resolved fluorescence. <i>Photosynthesis Research</i> , <b>2015</b> , 125, 191-9	3.7	6
45	Short-term light adaptation of a cyanobacterium, <i>Synechocystis</i> sp. PCC 6803, probed by time-resolved fluorescence spectroscopy. <i>Plant Physiology and Biochemistry</i> , <b>2014</b> , 81, 149-54	5.4	12
44	O <sub>2</sub> -dependent large electron flow functioned as an electron sink, replacing the steady-state electron flux in photosynthesis in the cyanobacterium <i>Synechocystis</i> sp. PCC 6803, but not in the cyanobacterium <i>Synechococcus</i> sp. PCC 7942. <i>Bioscience, Biotechnology and Biochemistry</i> , <b>2014</b> , 78, 384-93	2.1	27
43	Control Mechanism of Excitation Energy Transfer in a Complex Consisting of Photosystem II and Fucoxanthin Chlorophyll a/c-Binding Protein. <i>Journal of Physical Chemistry Letters</i> , <b>2014</b> , 5, 2983-7	6.4	27
42	Energy transfer processes in chlorophyll f-containing cyanobacteria using time-resolved fluorescence spectroscopy on intact cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2014</b> , 1837, 1484-9	4.6	22
41	Excitation relaxation dynamics and energy transfer in fucoxanthin-chlorophyll a/c-protein complexes, probed by time-resolved fluorescence. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2014</b> , 1837, 1514-21	4.6	33
40	Light-harvesting ability of the fucoxanthin chlorophyll a/c-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> , <b>2014</b> , 118, 5093-100	3.4	34
39	Differences in excitation energy transfer of <i>Arthrospira platensis</i> cells grown in seawater medium and freshwater medium, probed by time-resolved fluorescence spectroscopy. <i>Chemical Physics Letters</i> , <b>2013</b> , 588, 231-236	2.5	5
38	Modification of energy-transfer processes in the cyanobacterium, <i>Arthrospira platensis</i> , to adapt to light conditions, probed by time-resolved fluorescence spectroscopy. <i>Photosynthesis Research</i> , <b>2013</b> , 117, 235-43	3.7	20

37	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> , <b>2013</b> , 117, 6888-95	3-4	43
36	Adaptation of light-harvesting systems of <i>Arthrospira platensis</i> to light conditions, probed by time-resolved fluorescence spectroscopy. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2012</b> , 1817, 1483-9	4.6	64
35	Alterations in photosynthetic pigments and amino acid composition of D1 protein change energy distribution in photosystem II. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2012</b> , 1817, 754-9	4.6	17
34	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> , <b>2012</b> , 1817, 1299-305	4.6	9
33	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> , <b>2012</b> , 1817, 1285-91	4.6	15
32	Excitation energy relaxation in a symbiotic cyanobacterium, <i>Prochloron didemni</i> , occurring in coral-reef ascidians, and in a free-living cyanobacterium, <i>Prochlorothrix hollandica</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2012</b> , 1817, 1992-7	4.6	14
31	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> , <b>2011</b> , 1807, 471-81	4.6	13
30	Excitation energy transfer between photosystem II and photosystem I in red algae: larger amounts of phycobilisome enhance spillover. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2011</b> , 1807, 847-53	4.6	54
29	Variations in photosystem I properties in the primordial cyanobacterium <i>Gloeobacter violaceus</i> PCC 7421. <i>Photochemistry and Photobiology</i> , <b>2010</b> , 86, 62-9	3.6	36
28	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> , <b>2009</b> , 1787, 191-200	4.6	22
27	Energy transfer processes in <i>Gloeobacter violaceus</i> PCC 7421 that possesses phycobilisomes with a unique morphology. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2008</b> , 1777, 55-65	4.6	46
26	Seasonal changes of excitation energy transfer and thylakoid stacking in the evergreen tree <i>Taxus cuspidata</i> : how does it divert excess energy from photosynthetic reaction center?. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2008</b> , 1777, 379-87	4.6	19
25	Oxygen evolution in the thylakoid-lacking cyanobacterium <i>Gloeobacter violaceus</i> PCC 7421. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2008</b> , 1777, 369-78	4.6	14
24	Solvent effects on excitation relaxation dynamics of a keto-carotenoid, siphonaxanthin. <i>Photochemical and Photobiological Sciences</i> , <b>2008</b> , 7, 1206-9	4.2	22
23	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> , <b>2008</b> , 283, 18198-209	5.4	55
22	Spectral properties of the CP43-deletion mutant of <i>Synechocystis</i> sp. PCC 6803. <i>Photosynthesis Research</i> , <b>2008</b> , 98, 303-14	3-7	14
21	Ultrafast Relaxation Dynamics of a Keto-Carotenoid, Siphonaxanthin, Probed by Time-Resolved Fluorescence <b>2008</b> , 319-322		
20	Unique Optical Properties of LHC II Isolated from <i>Codium fragile</i> ¶ Its Correlation to Protein Environment <b>2008</b> , 343-346		2

19	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> , <b>2007</b> , 111, 9179-81	3.4	32
18	Delayed fluorescence observed in the nanosecond time region at 77 K originates directly from the photosystem II reaction center. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>2007</b> , 1767, 327-34	4.6	55
17	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> , <b>2007</b> , 104, 7283-8	11.5	105
16	Application of time-resolved polarization fluorescence spectroscopy in the femtosecond range to photosynthetic systems. <i>Photochemistry and Photobiology</i> , <b>2007</b> , 83, 163-70	3.6	17
15	New linker proteins in phycobilisomes isolated from the cyanobacterium <i>Gloeobacter violaceus</i> PCC 7421. <i>FEBS Letters</i> , <b>2006</b> , 580, 3457-61	3.8	18
14	Ultrafast excitation relaxation dynamics of lutein in solution and in the light-harvesting complexes II isolated from <i>Arabidopsis thaliana</i> . <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 12612-9	3.4	27
13	Excitation energy transfer in the antenna system with divinyl-chlorophylls in the vinyl reductase-expressing <i>Arabidopsis</i> . <i>Chemical Physics Letters</i> , <b>2005</b> , 409, 167-171	2.5	14
12	Ultrafast excitation relaxation dynamics and energy transfer in the siphonaxanthin-containing green alga <i>Codium fragile</i> . <i>Chemical Physics Letters</i> , <b>2004</b> , 390, 45-49	2.5	25
11	Vibrational Energy Relaxation of S1 Perylene in Solution. <i>Journal of Physical Chemistry A</i> , <b>2004</b> , 108, 3268-3275	2.3	18
10	Identification of the primary electron donor in PS II of the Chl d-dominated cyanobacterium <i>Acaryochloris marina</i> . <i>FEBS Letters</i> , <b>2004</b> , 556, 95-8	3.8	59
9	Excitaton Energy Transfer Processes and Mechanisms in Photosynthetic Antenna System. "Analyses by Femtosecond and Picosecond Time-Resolved Fluorescence Spectroscopy".. <i>The Review of Laser Engineering</i> , <b>2003</b> , 31, 212-218	0	
8	Excitation Relaxation Dynamics of Carotenoids in Solutions and in Photosynthetic Pigment Protein Complexes.. <i>The Review of Laser Engineering</i> , <b>2003</b> , 31, 207-211	0	
7	Unique fluorescence properties of a cyanobacterium <i>Gloeobacter violaceus</i> PCC 7421: reasons for absence of the long-wavelength PSI Chl a fluorescence at -196 degrees C. <i>Plant and Cell Physiology</i> , <b>2002</b> , 43, 587-94	4.9	22
6	Excitation relaxation of zinc and free-base porphyrin probed by femtosecond fluorescence spectroscopy. <i>Chemical Physics Letters</i> , <b>1999</b> , 309, 177-182	2.5	75
5	Fluorescence properties of chlorophyll d-dominating prokaryotic alga, <i>acaryochloris marina</i> : studies using time-resolved fluorescence spectroscopy on intact cells. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , <b>1999</b> , 1412, 37-46	4.6	67
4	Effect of Molecular Structures and Solvents on the Excited State Dynamics of the S2 State of Carotenoids Analyzed by the Femtosecond Up-Conversion Method??. <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 1452-1453	16.4	38
3	Dimer Formation and Excitation Relaxation of Perylene in Langmuir-Blodgett Films. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 3753-3758	3.4	71
2	Excitation energy transfer in carotenoid-chlorophyll protein complexes probed by femtosecond fluorescence decays. <i>Chemical Physics Letters</i> , <b>1996</b> , 260, 147-152	2.5	89

- 1 Time-Resolved Fluorescence Spectrophotometer Using a Traveling Wave Plate Type Streak Camera.. *The Review of Laser Engineering*, **1996**, 24, 609-614 ○