List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Thylakoid membrane reorganizations revealed by small-angle neutron scattering of <i>Monstera deliciosa</i> leaves associated with non-photochemical quenching. Open Biology, 2020, 10, 200144.	3.6	9
2	Direct energy transfer from photosystem II to photosystem I confers winter sustainability in Scots Pine. Nature Communications, 2020, 11, 6388.	12.8	50
3	On the PsbS-induced quenching in the plant major light-harvesting complex LHCII studied in proteoliposomes. Photosynthesis Research, 2020, 144, 195-208.	2.9	20
4	Characterization of fluorescent chlorophyll charge-transfer states as intermediates in the excited state quenching of light-harvesting complex II. Photosynthesis Research, 2020, 144, 171-193.	2.9	36
5	Time-resolved fluorescence measurements on leaves: principles and recent developments. Photosynthesis Research, 2019, 140, 355-369.	2.9	31
6	Zeaxanthin-dependent nonphotochemical quenching does not occur in photosystem I in the higher plant Arabidopsis thaliana. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4828-4832.	7.1	35
7	"Super-quenching―state protects Symbiodinium from thermal stress — Implications for coral bleaching. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 840-847.	1.0	63
8	Simultaneous refolding of denatured PsbS and reconstitution with LHCII into liposomes of thylakoid lipids. Photosynthesis Research, 2016, 127, 109-116.	2.9	16
9	Effect of the LHCII pigment–protein complex aggregation on photovoltaic properties of sensitized TiO ₂ solar cells. Physical Chemistry Chemical Physics, 2014, 16, 20856-20865.	2.8	24
10	Charge-Transfer Character of the Low-Energy Chl <i>a</i> Q _{<i>y</i>} Absorption Band in Aggregated Light Harvesting Complexes II. Journal of Physical Chemistry B, 2014, 118, 6086-6091.	2.6	30
11	Chlorophyll a fluorescence: beyond the limits of the QA model. Photosynthesis Research, 2014, 120, 43-58.	2.9	137
12	Non-Photochemical Quenching Mechanisms in Intact Organisms as Derived from Ultrafast-Fluorescence Kinetic Studies. Advances in Photosynthesis and Respiration, 2014, , 129-156.	1.0	17
13	An NMR comparison of the light-harvesting complex II (LHCII) in active and photoprotective states reveals subtle changes in the chlorophyll a ground-state electronic structures. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 738-744.	1.0	25
14	Two Different Mechanisms Cooperate In The Desiccation-Induced Excited State Quenching In Parmelia Lichen. Journal of Physical Chemistry B, 2013, 117, 11326-11336.	2.6	43
15	Artificial Photosynthesis for Solar Fuels – an Evolving Research Field within AMPEA, a Joint Programme of the European Energy Research Alliance. Green, 2013, 3, .	0.4	62
16	Structure Determination of a Bio-Inspired Self-Assembled Light-Harvesting Antenna by Solid-State NMR and Molecular Modeling. Journal of Physical Chemistry B, 2013, 117, 11292-11298.	2.6	24
17	On the analysis of non-photochemical chlorophyll fluorescence quenching curves. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 786-792.	1.0	40
18	Femtosecond Transient Absorption Spectroscopy on the Light-Adaptation of Living Plants. EPJ Web of Conferences, 2013, 41, 08006.	0.3	2

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19	Role of Carotenoids in Photosystem II (PSII) Reaction Centers. International Journal of Thermophysics, 2012, 33, 2021-2025.	2.1	11
20	Structural Variability in Wild-Type and <i>bchQ bchR</i> Mutant Chlorosomes of the Green Sulfur Bacterium <i>Chlorobaculum tepidum</i> . Biochemistry, 2012, 51, 4488-4498.	2.5	47
21	Water coordinated zinc dioxo-chlorin and porphyrin self-assemblies as chlorosomal mimics: variability of supramolecular interactions. Photochemical and Photobiological Sciences, 2012, 11, 1069-1080.	2.9	13
22	Biosupramolecular Nanowires from Chlorophyll Dyes with Exceptional Chargeâ€Transport Properties. Angewandte Chemie - International Edition, 2012, 51, 6378-6382.	13.8	88
23	The role of the xanthophyll cycle and of lutein in photoprotection of photosystem II. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 182-193.	1.0	867
24	On the relationship between non-photochemical quenching and photoprotection of Photosystem II. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 760-769.	1.0	152
25	On the Nature of the "Dark S*―Excited State of β-Carotene. Journal of Physical Chemistry A, 2011, 115, 3698-3712.	2.5	49
26	Organization of Bacteriochlorophylls in Individual Chlorosomes from Chlorobaculum tepidum Studied by 2-Dimensional Polarization Fluorescence Microscopy. Journal of the American Chemical Society, 2011, 133, 17192-17199.	13.7	59
27	First solid-state NMR analysis of uniformly 13C-enriched major light-harvesting complexes from Chlamydomonas reinhardtii and identification of protein and cofactor spin clusters. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 437-443.	1.0	15
28	Evidence for a fluorescence yield change driven by a light-induced conformational change within photosystem II during the fast chlorophyll a fluorescence rise. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 1032-1043.	1.0	88
29	Evaluation of 99mTc-Pheophorbide-a use in infection imaging: A rat model. Applied Radiation and Isotopes, 2011, 69, 1165-1168.	1.5	12
30	Quenching in Arabidopsis thaliana Mutants Lacking Monomeric Antenna Proteins of Photosystem II. Journal of Biological Chemistry, 2011, 286, 36830-36840.	3.4	50
31	Identification of a slowly inducible zeaxanthin-dependent component of non-photochemical quenching of chlorophyll fluorescence generated under steady-state conditions in Arabidopsis. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 466-475.	1.0	340
32	Energy transfer processes in the isolated core antenna complexes CP43 and CP47 of photosystem II. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 1606-1616.	1.0	36
33	Singlet Energy Dissipation in the Photosystem II Lightâ€Harvesting Complex Does Not Involve Energy Transfer to Carotenoids. ChemPhysChem, 2010, 11, 1289-1296.	2.1	177
34	Excited state relaxation dynamics and electronic properties of a quinoid carotenoid. Chemical Physics, 2010, 373, 137-144.	1.9	5
35	Excited State Processes in 1â€Đeazariboflavin Studied by Ultrafast Fluorescence Kinetics. Photochemistry and Photobiology, 2010, 86, 31-38.	2.5	5
36	Independent initiation of primary electron transfer in the two branches of the photosystem I reaction center. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 4123-4128.	7.1	129

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37	Kinetic and Spectral Resolution of Multiple Nonphotochemical Quenching Components in Arabidopsis Leaves Â. Plant Physiology, 2010, 152, 1611-1624.	4.8	65
38	Electronic Coherence Provides a Direct Proof for Energy-Level Crossing in Photoexcited Lutein and <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mi>î²</mml:mi></mml:math> -Carotene. Physical Review Letters, 2009, 103, 108302.	7.8	64
39	Alternating <i>syn-anti</i> bacteriochlorophylls form concentric helical nanotubes in chlorosomes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 8525-8530.	7.1	283
40	Ultrafast fluorescence study on the location and mechanism of non-photochemical quenching in diatoms. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 1189-1197.	1.0	136
41	Trapping kinetics in isolated cyanobacterial PS I complexes. Chemical Physics, 2009, 357, 163-170.	1.9	13
42	Identification of two quenching sites active in the regulation of photosynthetic light-harvesting studied by time-resolved fluorescence. Chemical Physics Letters, 2009, 483, 262-267.	2.6	215
43	Charge Separation, Stabilization, and Protein Relaxation in Photosystem II Core Particles with Closed Reaction Center. Biophysical Journal, 2009, 96, 621-631.	0.5	49
44	Spectroscopic properties of phenolic and quinoid carotenoids: a combined theoretical and experimental study. Photochemical and Photobiological Sciences, 2009, 8, 270-278.	2.9	18
45	Theoretical Modeling of the Optical Properties and Exciton Dynamics of the PSII Reaction Center. , 2008, , 163-166.		1
46	Farâ€red fluorescence: A direct spectroscopic marker for LHCII oligomer formation in nonâ€photochemical quenching. FEBS Letters, 2008, 582, 3625-3631.	2.8	253
47	Femtosecond Kinetics of Photoconversion of the Higher Plant Photoreceptor Phytochrome Carrying Native and Modified Chromophores. Biophysical Journal, 2008, 94, 4370-4382.	0.5	67
48	Trap-Limited Charge Separation Kinetics in Higher Plant Photosystem I Complexes. Biophysical Journal, 2008, 94, 3601-3612.	0.5	88
49	Structural Assessment of the Bacteriochlorophyll d Stacking in Chlorosomes from a C. tepidum Mutant with MAS NMR Spectroscopy. , 2008, , 247-251.		0
50	The role of TyrD in the electron transfer kinetics in Photosystem II. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 1510-1517.	1.0	13
51	Self-Assembled Zinc Chlorin Rod Antennae Powered by Peripheral Light-Harvesting Chromophores. Journal of the American Chemical Society, 2008, 130, 5929-5939.	13.7	111
52	A photoprotection mechanism involving the D2 branch in photosystem II cores with closed reaction centers. Photochemical and Photobiological Sciences, 2008, 7, 1337-1343.	2.9	16
53	Theory of Excitation Energy Transfer and Optical Spectra of Photosynthetic Systems. Advances in Photosynthesis and Respiration, 2008, , 421-443.	1.0	10
54	A Comparative MAS NMR Study of BChl d and BChl c Producing Mutants of C. tepidum. , 2008, , 257-260.		0

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55	Kinetic Description of Energy and Charge transfer Processes in PSI from Arabidopsis thaliana. , 2008, , 323-326.		0
56	Triplet Photoprotection by Carotenoid in Intact Photosystem II Cores. , 2008, , 137-140.		0
57	Primary Reactions — From Isolated Complexes to Intact Plants. , 2008, , 77-83.		2
58	Longâ€range organization of bacteriochlorophyll in chlorosomes of <i>Chlorobium tepidum</i> investigated by cryoâ€electron microscopy. FEBS Letters, 2007, 581, 5435-5439.	2.8	129
59	Importance of trimer–trimer interactions for the native state of the plant light-harvesting complex II. Biochimica Et Biophysica Acta - Bioenergetics, 2007, 1767, 847-853.	1.0	69
60	Photophysics and Photochemistry of Phytochrome. Advances in Photochemistry, 2007, , 229-277.	0.4	43
61	S2→S1 Internal Conversion in β-Carotene: Strong Vibronic Coupling from Amplitude Oscillations of Transient Absorption Bands. Angewandte Chemie - International Edition, 2007, 46, 3758-3761.	13.8	54
62	An artificial supramolecular photosynthetic unit. Chemical Physics Letters, 2007, 447, 284-288.	2.6	25
63	Ultrafast Energy and Electron Transfer in Photosystem I - Direct Evidence for two-branched Electron Transfer. Springer Series in Chemical Physics, 2007, , 471-473.	0.2	3
64	Ultrafast Transient Absorption Studies on Photosystem I Reaction Centers from Chlamydomonas reinhardtii. 2: Mutations near the P700 Reaction Center Chlorophylls Provide New Insight into the Nature of the Primary Electron Donor. Biophysical Journal, 2006, 90, 552-565.	0.5	146
65	Kinetics and mechanism of electron transfer in intact photosystem II and in the isolated reaction center: Pheophytin is the primary electron acceptor. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 6895-6900.	7.1	305
66	Efficient Energy Transfer from Peripheral Chromophores to the Self-Assembled Zinc Chlorin Rod Antenna: A Bioinspired Light-Harvesting System to Bridge the "Green Gap― Journal of the American Chemical Society, 2006, 128, 6542-6543.	13.7	132
67	Comparative Study of the Energy Transfer Kinetics in Artificial BChl e Aggregates Containing a BChl a Acceptor and BChl e-Containing Chlorosomes of Chlorobium phaeobacteroides. Journal of Physical Chemistry B, 2006, 110, 1388-1393.	2.6	13
68	A Heck-Type Coupling for the Synthesis of Novel Bridged Metallochlorin–Fullerene C60 Dyads. European Journal of Organic Chemistry, 2006, 2006, 414-422.	2.4	17
69	Structural Role of (Bacterio)chlorophyll Ligated in the Energetically Unfavorable β-Position. Journal of Biological Chemistry, 2006, 281, 10626-10634.	3.4	21
70	Ultrafast energy and electron transfer in Photosystem I Direct evidence for two-branched electron transfer. , 2006, , .		1
71	Charge Recombination Fluorescence in Photosystem I Reaction Centers fromChlamydomonas reinhardtii. Journal of Physical Chemistry B, 2005, 109, 5903-5911.	2.6	66

72 Primary Electron Transfer. , 2005, , 139-175.

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73	MAS NMR Structures of Aggregated Cadmium Chlorins Reveal Molecular Control of Self-Assembly of Chlorosomal Bacteriochlorophylls. Journal of Physical Chemistry B, 2004, 108, 16556-16566.	2.6	28
74	Design, Synthesis, and Photophysical Studies of a Porphyrin-Fullerene Dyad with Parachute Topology; Charge Recombination in the Marcus Inverted Region. Journal of the American Chemical Society, 2004, 126, 7257-7270.	13.7	187
75	LIGHT ABSORPTION AND HARVESTING. Series on Photoconversion of Solar Energy, 2004, , 43-115.	0.2	8
76	MAS NMR Structure of a Microcrystalline Cd-BacteriochlorophylldAnalogue. Journal of the American Chemical Society, 2003, 125, 13374-13375.	13.7	34
77	Ultrafast Transient Absorption Studies on Photosystem I Reaction Centers from Chlamydomonas reinhardtii. 1. A New Interpretation of the Energy Trapping and Early Electron Transfer Steps in Photosystem I. Biophysical Journal, 2003, 85, 3899-3922.	0.5	180
78	Exciton Theory for Supramolecular Chlorosomal Aggregates: 1. Aggregate Size Dependence of the Linear Spectra. Biophysical Journal, 2003, 85, 3173-3186.	0.5	130
79	Chlorophyll b to Chlorophyll a Energy Transfer Kinetics in the CP29 Antenna Complex: A Comparative Femtosecond Absorption Study between Native and Reconstituted Proteins. Biophysical Journal, 2003, 84, 2508-2516.	0.5	44
80	Energy Transfer Pathways in the Minor Antenna Complex CP29 of Photosystem II: A Femtosecond Study of Carotenoid to Chlorophyll Transfer on Mutant and WT Complexes. Biophysical Journal, 2003, 84, 2517-2532.	0.5	54
81	Structural changes upon excitation of D1-D2-Cyt b559photosystem II reaction centers depend on the β-carotene content. Photochemical and Photobiological Sciences, 2003, 2, 722-729.	2.9	14
82	Self-assembly of [Et,Et]-Bacteriochlorophyll cF on Highly Oriented Pyrolytic Graphite Revealed by Scanning Tunneling Microscopyâ€Â¶. Photochemistry and Photobiology, 2002, 75, 619.	2.5	14
83	Growing-In of Optical Coherence in the FMO Antenna Complexes§. Journal of Physical Chemistry B, 2002, 106, 9923-9933.	2.6	30
84	Energy Transfer in Supramolecular Artificial Antennae Units of Synthetic Zinc Chlorins and Co-aggregated Energy Traps. A Time-Resolved Fluorescence Studyâ€,‡. Journal of Physical Chemistry B, 2002, 106, 5761-5768.	2.6	83
85	Relevance of the diastereotopic ligation of magnesium atoms of chlorophylls in Photosystem I. Biochimica Et Biophysica Acta - Bioenergetics, 2002, 1556, 197-207.	1.0	64
86	Excitation energy transfer in chlorosomes of Chlorobium phaeobacteroides strain CL1401: the role of carotenoids. Photosynthesis Research, 2002, 71, 5-18.	2.9	35
87	Aggregation of synthetic metallochlorins in hexane. A model of chlorosomal bacteriochlorophyll self-assemblies in green bacteria. Photosynthesis Research, 2002, 71, 59-67.	2.9	51
88	ENERGY TRANSFER FROM SUPRAMOLECULAR ASSEMBLIES OF SYNTHETIC ZINC CHLORINS TO ATTACHED ENERGY TRAPS. , 2002, , .		1
89	A Refined Model of the Chlorosomal Antennae of the Green Bacterium Chlorobium tepidum from Proton Chemical Shift Constraints Obtained with High-Field 2-D and 3-D MAS NMR Dipolar Correlation Spectroscopy. Biochemistry, 2001, 40, 1587-1595.	2.5	147
90	Carotenoid-to-Chlorophyll Energy Transfer in Recombinant Major Light-Harvesting Complex (LHCII) of Higher Plants. I. Femtosecond Transient Absorption Measurements. Biophysical Journal, 2001, 80, 901-915.	0.5	207

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91	Long-lived charge-separated states in bacterial reaction centers isolated from Rhodobacter sphaeroides. Biochimica Et Biophysica Acta - Bioenergetics, 2001, 1504, 311-318.	1.0	33
92	Electron-transfer dyads suitable for novel self-assembled light-harvesting antenna/electron-transfer devices. Pure and Applied Chemistry, 2001, 73, 469-474.	1.9	27
93	Time-resolved fluorescence analysis of the recombinant photosystem II antenna complex CP29. FEBS Journal, 2001, 268, 260-267.	0.2	66
94	Variability of the photosynthetic antenna of a Pelodictyon clathratiforme population from a freshwater holomictic pond. FEMS Microbiology Ecology, 2001, 37, 11-19.	2.7	7
95	Structure–function self-organization in nonequilibrium macromolecular systems. Chemical Physics, 2000, 256, 45-60.	1.9	32
96	The Soret absorption properties of carotenoids and chlorophylls in antenna complexes of higher plants. Photosynthesis Research, 2000, 64, 221-231.	2.9	88
97	Autocatalyzed Self-Aggregation of (3R)-[Et,Et]Bacteriochlorophyll cF Molecules in Nonpolar Solvents. Analysis of the Kinetics. Journal of Physical Chemistry B, 2000, 104, 1362-1372.	2.6	89
98	Self-Regulation Phenomena in Bacterial Reaction Centers. I. General Theory. Biophysical Journal, 2000, 79, 1237-1252.	0.5	40
99	Energy Transfer among CP29 Chlorophylls: Calculated Förster Rates and Experimental Transient Absorption at Room Temperature. Biophysical Journal, 2000, 79, 1706-1717.	0.5	55
100	Exciton Dynamics in the Chlorosomal Antennae of the Green Bacteria Chloroflexus aurantiacus and Chlorobium tepidum. Biophysical Journal, 2000, 79, 2105-2120.	0.5	163
101	Fast energy transfer between BChl d and BChl c in chlorosomes of the green sulfur bacterium Chlorobium limicola. Biochimica Et Biophysica Acta - Bioenergetics, 2000, 1457, 71-80.	1.0	24
102	Primary Processes and Structure of the Photosystem II Reaction Center: A Photon Echo Studyâ€,‡. Journal of Physical Chemistry B, 2000, 104, 11563-11578.	2.6	179
103	Fluorescence Decay and Spectral Evolution in Intact Photosystem I of Higher Plants. Biochemistry, 2000, 39, 6341-6348.	2.5	113
104	Diastereoselective Control of BacteriochlorophylleAggregation. 31-S-BChleIs Essential for the Formation of Chlorosome-Like Aggregates. Journal of Physical Chemistry B, 2000, 104, 10379-10386.	2.6	93
105	Physiological Significance of Overproduced Carotenoids in Transformants of the Cyanobacterium Synechococcus PCC7942. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1999, 54, 191-198.	1.4	0
106	Effects of excited state mixing on transient absorption spectra in dimers: Application to photosynthetic light-harvesting complex II. Journal of Chemical Physics, 1999, 111, 3121-3132.	3.0	11
107	Self-regulation phenomenon of electron-conformational transitions in biological electron transfer under nonequilibrium conditions. Physical Review E, 1999, 59, 3444-3452.	2.1	14
108	Artificial Lightâ€Harvesting Antennae: Singlet Excitation Energy Transfer from Zinc Chlorin Aggregate to Bacteriochlorin in Homogeneous Hexane Solution. Photochemistry and Photobiology, 1999, 69, 448-456.	2.5	80

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109	Title is missing!. Photosynthesis Research, 1999, 59, 231-241.	2.9	17
110	Self-Assembly of Synthetic Zinc Chlorins in Aqueous Microheterogeneous Media to an Artificial Supramolecular Light-Harvesting Device. Helvetica Chimica Acta, 1999, 82, 797-810.	1.6	79
111	Characterization of the Fast and Slow Reversible Components of Non-Photochemical Quenching in Isolated Pea Thylakoids by Picosecond Time-Resolved Chlorophyll Fluorescence Analysisâ€. Biochemistry, 1999, 38, 12718-12726.	2.5	59
112	The photosystem I trimer of cyanobacteria: molecular organization, excitation dynamics and physiological significance. FEBS Letters, 1999, 460, 395-400.	2.8	116
113	Photodynamics of a Constrained Parachute-Shaped Fullereneâ^Porphyrin Dyad. Journal of the American Chemical Society, 1999, 121, 11599-11600.	13.7	124
114	Effect of Alkaline Treatment on Bacteriochlorophyll <i>a</i> , Quinones and Energy Transfer in Chlorosomes from <i>Chlorobium tepidum</i> and <i>Chlorobium phaeobacteroides</i> . Photochemistry and Photobiology, 1999, 69, 322-328.	2.5	2
115	Effect of Alkaline Treatment on Bacteriochlorophyll a, Quinones and Energy Transfer in Chlorosomes from Chlorobium tepidum and Chlorobium phaeobacteroides. Photochemistry and Photobiology, 1999, 69, 322.	2.5	25
116	Artificial Light-Harvesting Antennae: Singlet Excitation Energy Transfer from Zinc Chlorin Aggregate to Bacteriochlorin in Homogeneous Hexane Solution. Photochemistry and Photobiology, 1999, 69, 448.	2.5	4
117	Organization and Function of Photosystem I Trimers and Monomers of the Cyanobacterium Spirulina Platensis. , 1999, , 27-34.		0
118	Effects of mutual influence of photoinduced electron transitions and slow structural rearrangements in bacterial photosynthetic reaction centers. Journal of Biological Physics, 1998, 24, 1-17.	1.5	25
119	Multidimensional CP-MAS 13C NMR of uniformly enriched chlorophyll. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1998, 54, 1167-1176.	3.9	46
120	Structure-Function Relationships And Excitation Dynamics In Photosystem I. , 1998, , 497-502.		7
121	Origin of the Extreme Longwave Chlorophyll Form of the Photosystem I Trimeric Complex of Spirulina. , 1998, , 583-586.		2
122	Fluorescence Kinetics of Photosystem I: Multiple Fluorescence Components. , 1998, , 587-590.		10
123	Structure and Function of Chlorosomes of Chlorobium Limicola UdG 6040 Containing Both Bchl c and Bchl d. , 1998, , 101-104.		1
124	Photosystem I Red Spectral Forms: Diffusion Limited Energy Transfer, Optical Reorganisation Energy and Absorption Cross Section , 1998, , 271-276.		3
125	Primary Charge Separation at Low Temperatures in D1-D2 Reaction Centers Studied by Photon Echo and Pump-Probe Spectroscopy. , 1998, , 1033-1036.		1
126	Zeaxanthin-induced fluorescence quenching in the minor antenna CP29. , 1998, , 333-336.		2

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127	Picosecond Time Resolved Analysis of the Fast and Slow Reversible Non-Photochemical Chlorophyll Fluorescence Quenching. , 1998, , 2273-2276.		0
128	Fluorescence Kinetics of Whole Plants of Arabidopsis Thaliana. , 1998, , 2147-2150.		0
129	Functional and Spectral Assignment of Chlorophylls in the Light Harvesting Complex II of Higher Plants. , 1998, , 285-288.		1
130	Nonlinear Dynamic Processes in an Ensemble of Photosynthetic Reaction Centers. Theory and Experiment. Journal of Physical Chemistry B, 1997, 101, 7612-7619.	2.6	19
131	Nonlinear Light-Induced Properties of Photosynthetic Reaction Centers under Low Intensity Irradiationâ€. Journal of Physical Chemistry B, 1997, 101, 259-265.	2.6	27
132	Self-Assembly of Methyl Zinc (31R)- and (31S)-Bacteriopheophorbidesd. Journal of Physical Chemistry B, 1997, 101, 3424-3431.	2.6	69
133	Ultrafast Spectroscopy of Trimeric Light-Harvesting Complex II from Higher Plants. Journal of Physical Chemistry B, 1997, 101, 1902-1909.	2.6	124
134	A Model for Dynamic Protein Control of Energy Transfer to Photosynthetic Reaction Centers. Journal of Physical Chemistry B, 1997, 101, 7271-7274.	2.6	5
135	Femtosecond Transient Absorption Study of Carotenoid to Chlorophyll Energy Transfer in the Light-Harvesting Complex II of Photosystem II. Biochemistry, 1997, 36, 281-287.	2.5	132
136	Model for the Excitation Dynamics in the Light-Harvesting Complex II from Higher Plants. Journal of Physical Chemistry B, 1997, 101, 7313-7320.	2.6	54
137	Primary Processes and Structure of the Photosystem II Reaction Center. 5. Modeling of the Fluorescence Kinetics of the D1â^'D2â^'cyt-b559 Complex at 77 K. Journal of Physical Chemistry B, 1997, 101, 2933-2944.	2.6	49
138	Fluorescence Spectroscopy of the Longwave Chlorophylls in Trimeric and Monomeric Photosystem I Core Complexes from the CyanobacteriumSpirulina platensisâ€. Biochemistry, 1997, 36, 13830-13837.	2.5	85
139	Pigment Assignment in the Absorption Spectrum of the Photosystem II Reaction Center by Site-Selection Fluorescence Spectroscopy. Biochemistry, 1997, 36, 7498-7502.	2.5	28
140	On the rate-limiting process of energy transfer in the light harvesting antenna. Journal of Luminescence, 1997, 72-74, 615-617.	3.1	2
141	Analysis of the Absorption Spectrum of Photosystem II Reaction Centers:Â Temperature Dependence, Pigment Assignment, and Inhomogeneous Broadeningâ€. Biochemistry, 1996, 35, 829-842.	2.5	71
142	Kinetic modeling of exciton migration in photosynthetic systems. 3. Application of genetic algorithms to simulations of excitation dynamics in three-dimensional photosystem I core antenna/reaction center complexes. Biophysical Journal, 1996, 71, 351-364.	0.5	36
143	Energetics and Kinetics of Radical Pairs in Reaction Centers fromRhodobacter sphaeroides. A Femtosecond Transient Absorption Studyâ€,‡. Biochemistry, 1996, 35, 11820-11831.	2.5	139
144	Evidence for delocalization of the triplet state ³ P ₆₈₀ in the D ₁ D ₂ cyt <i>b</i> ₅₅₉ â€complex of photosystem II. Zeitschrift Fur Elektrotechnik Und Elektrochemie, 1996, 100, 2045-2051.	0.9	36

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145	Cu(II)-Inhibitory Effect on Photosystem II from Higher Plants. A Picosecond Time-Resolved Fluorescence Studyâ€. Biochemistry, 1996, 35, 9469-9474.	2.5	48
146	Primary Processes and Structure of the Photosystem II Reaction Center. 4. Low-Intensity Femtosecond Transient Absorption Spectra of D1-D2-cyt-b559 Reaction Centers,. The Journal of Physical Chemistry, 1996, 100, 9527-9536.	2.9	54
147	Annihilation Processes in the Isolated D1-D2-cyt-b559 Reaction Center Complex of Photosystem II. An Intensity-Dependence Study of Femtosecond Transient Absorption,. The Journal of Physical Chemistry, 1996, 100, 9537-9544.	2.9	29
148	Primary charge separation processes in reaction centers of an antenna-free mutant of Rhodobacter capsulatus. Chemical Physics Letters, 1996, 258, 194-202.	2.6	9
149	Synthetic Zinc and Magnesium Chlorin Aggregates as Models for Supramolecular Antenna Complexes in Chlorosomes of Green Photosynthetic Bacteria. Photochemistry and Photobiology, 1996, 63, 92-99.	2.5	332
150	Selbstorganisation einer künstlichen Lichtsammelâ€Antenne: Energieübertragung von einem zinkhaltigen Chlorin auf ein Bacteriochlorin in einem supramolekularen Aggregat. Angewandte Chemie, 1996, 108, 810-812.	2.0	21
151	Aggregatbildung durch Zinkâ€Chlorine in unpolarer Lösung — Bacteriochlorophyllâ€ <i>c</i> â€Modellverbindungen mit vertauschten Hydroxy―und Carbonylfunktionen. Angewandte Chemie, 1996, 108, 3019-3021.	2.0	5
152	Self-Assembly of an Artificial Light-Harvesting Antenna: Energy Transfer from a Zinc Chlorin to a Bacteriochlorin in a Supramolecular Aggregate. Angewandte Chemie International Edition in English, 1996, 35, 772-774.	4.4	137
153	Aggregation of Modified Zinc Chlorins in Nonpolar Solvents-Bacteriochlorophyllc Mimics with Interchanged Hydroxy and Carbonyl Functions. Angewandte Chemie International Edition in English, 1996, 35, 2861-2863.	4.4	33
154	Picosecond time-resolved study on the nature of high-energy-state quenching in isolated pea thylakoids different localization of zeaxanthin dependent and independent quenching mechanisms. Journal of Photochemistry and Photobiology B: Biology, 1996, 36, 339-350.	3.8	26
155	A comparative fluorescence kinetics study of Photosystem I monomers and trimers from Synechocystis PCC 6803. Photosynthesis Research, 1996, 49, 263-268.	2.9	44
156	Near-Infrared Resonance Raman Spectra of Chlorosomes:Â Probing Nuclear Coupling in Electronic Energy Transfer. The Journal of Physical Chemistry, 1996, 100, 4662-4671.	2.9	28
157	Primary Processes and Structure of the Photosystem II Reaction Center. 3. Kinetic Analysis of Picosecond Energy Transfer and Charge Separation Processes in the D1â`'D2â`'cyt-b559 Complex Measured by Time-Resolved Fluorescenceâ€. The Journal of Physical Chemistry, 1996, 100, 7269-7278.	2.9	40
158	Data Analysis of Time-Resolved Measurements. , 1996, , 75-92.		25
159	Femtosecond Transient Absorption Spectroscopy on the Isolated Reaction Center from Rb. sphaeroides R-26. , 1996, , 503-506.		Ο
160	Circular dichroism study on the diastereoselective self-assembly of bacteriochlorophyll c. Journal of Molecular Structure, 1995, 349, 183-186.	3.6	44
161	Models for the Pigment Organization in the Chlorosomes of Photosynthetic Bacteria: Diastereoselective Control of in-Vitro Bacteriochlorophyll cs Aggregation. [Erratum to document cited in CA122:76986]. The Journal of Physical Chemistry, 1995, 99, 16194-16194.	2.9	2
162	Near-Infrared Resonance Raman Spectra of Chloroflexus aurantiacus Photosynthetic Reaction Centers. Biochemistry, 1995, 34, 5288-5293.	2.5	39

#	Article	IF	CITATIONS
163	CP-MAS 13C-NMR Dipolar Correlation Spectroscopy of 13C-Enriched Chlorosomes and Isolated Bacteriochlorophyll c Aggregates of Chlorobium tepidum: The Self-Organization of Pigments Is the Main Structural Feature of Chlorosomes. Biochemistry, 1995, 34, 15259-15266.	2.5	145
164	[14] Time-resolved fluorescence spectroscopy. Methods in Enzymology, 1995, 246, 334-362.	1.0	59
165	Models for the Pigment Organization in the Chlorosomes of Photosynthetic Bacteria: Diastereoselective Control of in-vitro Bacteriochlorophyll cs Aggregation. The Journal of Physical Chemistry, 1995, 99, 1357-1365.	2.9	112
166	Synthetic Metallochlorin Aggregates as Models for Supramolecular Antenna Complexes in Chlorosomes of Green Photosynthetic Bacteria. , 1995, , 61-64.		3
167	Low Intensity Femtosecond Absorption Spectroscopy on the Light-Harvesting CHL A/B Complex LHC II. , 1995, , 77-80.		2
168	Ultrafast spectroscopy of the light-harvesting complex and the isolated reaction center from photosystem II. , 1995, , 35-40.		1
169	Comparison of the Stacking of Chlorophylls in Chlorosomes Versus Aggregates of Bacteriochlorophyll C and Chlorophyll A using 2-D MAS NMR Spectroscopy. , 1995, , 347-350.		7
170	Modelling the Low Temperature Fluorescence Kinetics of the Photosystem II Reaction Center: Energy Transfer and Radical Pair Relaxation. , 1995, , 923-926.		0
171	On the Spatial Distribution of Chlorophyll Spectral Types in Photosystem I. , 1995, , 1029-1032.		1
172	Resonance Raman Spectroscopic Study of Metallochlorin Aggregates. Implications for the Supramolecular Structure in Chlorosomal BChl c Antennae of Green Bacteria. The Journal of Physical Chemistry, 1994, 98, 2192-2197.	2.9	97
173	Optoacoustic and Singlet Oxygen Near-IR Emission Study of the Isolated D1-D2-cyt b-559 Reaction Center Complex of Photosystem II. Protein Movement Associated with Charge Separation. The Journal of Physical Chemistry, 1994, 98, 12789-12795.	2.9	39
174	On the structure of bacteriochlorophyll molecular aggregates in the chlorosomes of green bacteria. A molecular modelling study. Photosynthesis Research, 1994, 41, 225-233.	2.9	231
175	Dimerization of synthetic zinc aminochlorins in non-polar organic solvents. Photosynthesis Research, 1994, 41, 245-251.	2.9	41
176	Ultrafast spectroscopy of the primary electron and energy transfer processes in the reaction center of photosystem II. Journal of Luminescence, 1994, 60-61, 497-502.	3.1	29
177	Kinetic modeling of exciton migration in photosynthetic systems. 2. Simulations of excitation dynamics in two-dimensional photosystem I core antenna/reaction center complexes. Biophysical Journal, 1994, 66, 415-429.	0.5	52
178	Energy transfer and charge separation kinetics in photosystem I. 2. Picosecond fluorescence study of various PS I particles and light-harvesting complex isolated from higher plants. Biochimica Et Biophysica Acta - Bioenergetics, 1994, 1187, 324-334.	1.0	35
179	Characterization of a D1-D2-cyt b -559 complex containing 4 chlorophyll a /2 pheophytin a isolated with the use of MgSO4. FEBS Letters, 1994, 339, 25-30.	2.8	34
180	Diastereoselective Control of Aggregation of 31-Epimeric Zinc Methyl Bacteriopheophorbides-din Apolar Solvents. Chemistry Letters, 1994, 23, 401-402.	1.3	34

#	Article	IF	CITATIONS
181	STUDIES ON CHROMOPHORE COUPLING IN ISOLATED PHYCOBILIPROTEINS. IV. FEMTOSECOND TRANSIENT ABSORPTION STUDY OF ULTRAFAST EXCITED STATE DYNAMICS IN TRIMERIC PHYCOERYTHROCYANIN COMPLEXES. Photochemistry and Photobiology, 1993, 57, 76-80.	2.5	28
182	TEMPERATURE DEPENDENCE OF PICOSECOND FLUORESCENCE KINETICS OF A CYANOBACTERIAL PHOTOSYSTEM I PARTICLE*. Photochemistry and Photobiology, 1993, 57, 113-119.	2.5	60
183	Excitation transfer and charge separation kinetics in purple bacteria. (1) Picosecond fluorescence of chromatophores from Rhodobacter capsulatus wild type. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1142, 49-58.	1.0	27
184	Primary processes and structure of the Photosystem II reaction center: II. Low-temperature picosecond fluorescence kinetics of a D1-D2-cyt-b-559 reaction center complex isolated by short Triton exposure. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1143, 147-157.	1.0	44
185	Picosecond energy transfer and trapping kinetics in living cells of the green bacterium Chloroflexus aurantiacus. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1144, 161-169.	1.0	37
186	Excitation-energy quenching in aggregates of the LHC II chlorophyll-protein complex: a time-resolved fluorescence study. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1141, 23-28.	1.0	141
187	Effect of photosystem II reaction centre closure on fluorescence decay kinetics in a cyanobacterium. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1183, 345-351.	1.0	8
188	Picosecond time-resolved fluorescence studies on photoinhibition and double reduction of QA in photosystem II. Biochimica Et Biophysica Acta - Bioenergetics, 1993, 1183, 388-396.	1.0	33
189	ls it time to throw away your apparatus for chlorophyll fluorescence induction?. Biophysical Journal, 1993, 64, 1280-1281.	0.5	19
190	Energy transfer and charge separation kinetics in photosystem I. Biophysical Journal, 1993, 64, 1813-1826.	0.5	129
191	Global target analysis of picosecond chlorophyll fluorescence kinetics from pea chloroplasts. Biophysical Journal, 1992, 61, 1147-1163.	0.5	216
192	The phototransformation process in phytochrome. I. Ultrafast fluorescence component and kinetic models for the initial Pr → Pfr transformation steps in native phytochrome. Biochimica Et Biophysica Acta - Bioenergetics, 1992, 1140, 59-68.	1.0	50
193	A synthetic zinc chlorin aggregate as a model for the supramolecular antenna complexes in the chlorosomes of green bacteria. Journal of Photochemistry and Photobiology B: Biology, 1992, 15, 355-360.	3.8	61
194	Recent advances in the understanding of chlorophyll excited state dynamics in thylakoid membranes and isolated reaction centre complexes. Journal of Photochemistry and Photobiology B: Biology, 1992, 15, 45-62.	3.8	28
195	Chlorosomes, photosynthetic antennae with novel self-organized pigment structures. Journal of Photochemistry and Photobiology A: Chemistry, 1992, 65, 61-71.	3.9	98
196	Charge separation kinetics in isolated photosynthetic reaction centers of Chloroflexus aurantiacus (with QA reduced) at low temperatures. Chemical Physics Letters, 1992, 190, 149-154.	2.6	14
197	Primary processes in isolated bacterial reaction centers from Rhodobacter sphaeroides studied by picosecond fluorescence kinetics. Chemical Physics Letters, 1992, 199, 465-469.	2.6	79
198	Model Calculations on the Fluorescence Kinetics of Isolated Bacterial Reaction Centers from		2

Rhodobacter sphaeroides. , 1992, , 219-225.

#	Article	IF	CITATIONS
199	Pigment organization and energy transfer in green bacteria. 3. Picosecond energy transfer kinetics within the B806-866 bacteriochlorophyll a antenna complex isolated from Chloroflexus aurantiacus. Biochimica Et Biophysica Acta - Bioenergetics, 1991, 1059, 226-232.	1.0	15
200	Pigment organization and energy transfer in green bacteria. 2. Circular and linear dichroism spectra of protein-containing and protein-free chlorosomes isolated from Chloroflexus aurantiacus strain Ok-70-fl. Biochimica Et Biophysica Acta - Bioenergetics, 1991, 1058, 194-202.	1.0	82
201	Picosecond fluorescence kinetics of the D1-D2-cyt-b-559 photosystem II reaction center complex. Energy transfer and primary charge separation processes. Biochimica Et Biophysica Acta - Bioenergetics, 1991, 1060, 237-244.	1.0	76
202	Kinetic modelling of exciton migration in photosynthetic systems. (1) Effects of pigment heterogeneity and antenna topography on exciton kinetics and charge separation yields. Biochimica Et Biophysica Acta - Bioenergetics, 1991, 1060, 271-283.	1.0	35
203	Primary processes in isolated photosynthetic bacterial reaction centres from Chloroflexus aurantiacus studied by picosecond fluorescence spectroscopy. Biochimica Et Biophysica Acta - Bioenergetics, 1991, 1098, 1-12.	1.0	59
204	Kinetics of excitation energy transfer in the cyanobacterial phycobilisome-Photosystem II complex. Biochimica Et Biophysica Acta - Bioenergetics, 1991, 1098, 68-78.	1.0	59
205	Resonance Raman Spectroscopic Evidence for the Identity of the Bacteriochlorophyll c Organization in Protein-Free and Protein-Containing Chlorosomes from Chloroflexus auvantiacus. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1991, 46, 228-232.	1.4	27
206	Time-resolved Fluorescence Spectroscopy. World Scientific Lecture and Course Notes in Chemistry, 1991, , 121-167.	0.2	2
207	Structure-function relationships and energy transfer in phycobiliprotein antennae. Physiologia Plantarum, 1991, 83, 518-528.	5.2	109
208	Structure-function relationships and energy transfer in phycobiliprotein antennae. Physiologia Plantarum, 1991, 83, 518-528.	5.2	5
209	Photophysics and photochemistry of phytochrome, a chromoprotein in plants. Pure and Applied Chemistry, 1990, 62, 1421-1426.	1.9	11
210	FLUORESCENCE QUANTUM YIELDS OF 124â€kDa PHYTOCHROME FROM OAT UPON EXCITATION WITHIN DIFFERENT ABSORPTION BANDS. Photochemistry and Photobiology, 1990, 52, 19-22.	2.5	24
211	Picosecond energy transfer kinetics between pigment pools in different preparations of chlorosomes from the green bacterium Chloroflexus aurantiacus Ok-70-fl. Journal of Photochemistry and Photobiology B: Biology, 1990, 5, 457-465.	3.8	48
212	A Photosynthetic Antenna System which Contains a Protein-Free Chromophore Aggregate. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1990, 45, 203-206.	1.4	73
213	The 5.6-Kilodalton Protein in Isolated Chlorosomes of Chloroflexus aurantiacus Strain Ok -70-fl is a Degradation Product. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1990, 45, 823-828.	1.4	19
214	Characterization of light-harvesting pigments of Chloroflexus aurantiacus. Two new chlorophylls: oleyl (octadec-9-enyl) and cetyl (hexadecanyl) bacteriochlorophyllides-c. Journal of the Chemical Society Perkin Transactions 1, 1990, , 2791.	0.9	63
215	Studies on chromophore coupling in isolated phycobiliproteins. Biophysical Journal, 1990, 57, 133-145.	0.5	62
216	In search of a putative long-lived relaxed radical pair state in closed photosystem II. Biophysical Journal, 1990, 57, 1141-1153.	0.5	35

#	Article	IF	CITATIONS
217	A proportion of photosystem II core complexes are decoupled from the phycobilisome in light-state 2 in the cyanobacterium Synechococcus 6301. FEBS Letters, 1990, 260, 245-248.	2.8	25
218	Picosecond time-resolved fluorescence emission spectra indicate decreased energy transfer from the phycobilisome to Photosystem II in light-state 2 in the cyanobacterium Synechococcus 6301. Biochimica Et Biophysica Acta - Bioenergetics, 1990, 1015, 231-242.	1.0	51
219	Biochemical Evidence For Chromophore-Chromophore Interactions as the Main Organizational Principle in Chlorosomes of Chloroflexus Aurantiacus. , 1990, , 375-381.		5
220	Fluorescence Lifetime Measurements of Energy Transfer in Chlorosomes and Living Cells of Chloroflexus aurantiacus OK 70-fl. , 1990, , 1137-1140.		3
221	Pigment organization in Bchl-a-free and Bchl-a-containing Chlorosomes from Chloroflexus aurantiacus, studied by absorption dichroism. , 1990, , 1101-1104.		0
222	Picosecond Chlorophyll Fluorescence from Higher Plants. , 1990, , 1257-1260.		2
223	The Functional Organization of the Antenna Systems in Higher Plants and Green Algae as Studied by Time-Resolved Fluorescence Techniques. , 1990, , 1183-1190.		2
224	Picosecond Energy Transfer Kinetics between Different Pigment Pools in Chlorosomes from the Green Bacterium Chloroflexus Aurantiacus. , 1990, , 383-387.		1
225	Target Analysis of Picosecond Fluorescence Kinetics in Green Algae: Characterization of Primary Processes in Photosystem II $\hat{I}\pm$ and \hat{I}^2 , 1990, , 387-390.		2
226	On a Presumed Long-Lived Relaxed Radical Pair State in Closed Photosystem II. , 1990, , 443-446.		1
227	Time-resolved ultrafast blue-shifted fluorescence from pea chloroplasts. FEBS Letters, 1989, 249, 285-288.	2.8	25
228	Pigment organization and energy transfer in green bacteria 1. Isolation of native chlorosomes free of bound bacteriochlorophyll a from Chloroflexus aurantiacus by gel-electrophoretic filtration. Biochimica Et Biophysica Acta - Bioenergetics, 1989, 973, 235-240.	1.0	64
229	Applications of ultrafast laser spectroscopy for the study of biological systems. Quarterly Reviews of Biophysics, 1989, 22, 239-326.	5.7	71
230	Picosecond study of energy transfer within 18-S particles of AN 112 (a mutant of Synechococcus 6301) phycobilisomes. Biochimica Et Biophysica Acta - Bioenergetics, 1988, 933, 54-64.	1.0	23
231	Kinetic and Energetic Model for the Primary Processes in Photosystem II. Biophysical Journal, 1988, 54, 397-405.	0.5	401
232	Time response of small sideâ€on photomultiplier tubes in timeâ€correlated singleâ€photon counting measurements. Review of Scientific Instruments, 1988, 59, 499-501.	1.3	20
233	Picosecond Studies Of Fluorescence And Absorbance Changes In Photosystem II Particles From Synechococcus Sp , 1988, , 579-588.		0
234	Time Resolved Chlorophyll Fluorescence. , 1988, , 21-31.		6

Time Resolved Chlorophyll Fluorescence. , 1988, , 21-31. 234

#	Article	IF	CITATIONS
235	Picosecond kinetics of fluorescence and absorbance changes in photosystem II particles excited at low photon density. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 8414-8418.	7.1	182
236	A Kinetic Model for the Energy Transfer in Phycobilisomes. Biophysical Journal, 1987, 52, 673-683.	0.5	53
237	State Transitions in the Green Alga Scenedesmus Obliquus Probed by Time-Resolved Chlorophyll Fluorescence Spectroscopy and Global Data Analysis. Biophysical Journal, 1987, 52, 717-728.	0.5	80
238	Studies on Chromophore Coupling in Isolated Phycobiliproteins. Biophysical Journal, 1987, 51, 1-12.	0.5	115
239	Charge separation in carotenoporphyrin-quinone triads: synthetic, conformational, and fluorescence lifetime studies. Journal of the American Chemical Society, 1987, 109, 846-856.	13.7	133
240	Fluorescence lifetimes and relative quantum yields of 124-kilodalton oat phytochrome in water and deuterium oxide solutions. Biochemistry, 1987, 26, 1412-1417.	2.5	62
241	Phosphorescence line narrowing of 1-indanones upon S1 ↕SO excitation. Chemical Physics, 1986, 102, 205-214.	1.9	23
242	PHYTOCHROME MODELS: PART 10. CONCENTRATION, SONICATION AND TEMPERATURE AFFECTING THE POPULATION OF THE GROUND-STATE CONFORMERS OF BILIVERDIN DIMETHYL ESTER IN SOLUTION. Photochemistry and Photobiology, 1986, 44, 433-440.	2.5	4
243	FLUORESCENCE LIFETIMES IN PHOTOSYNTHETIC SYSTEMS. Photochemistry and Photobiology, 1986, 43, 707-725.	2.5	129
244	Time-resolved picosecond fluorescence spectra of the antenna chlorophylls in Chlorella vulgaris. Resolution of Photosystem I fluorescence. Biochimica Et Biophysica Acta - Bioenergetics, 1985, 807, 155-167.	1.0	82
245	Picosecond time-resolved and stationary fluorescence of oat phytochrome highly enriched in the native 124 kDa protein. BBA - Proteins and Proteomics, 1984, 791, 265-273.	2.1	51
246	Wavelength-resolved fluorescence decay and fluorescence quantum yield of large phytochrome from oat shoots. BBA - Proteins and Proteomics, 1984, 786, 213-221.	2.1	36
247	Fluorescence decay kinetics in phycobilisomes isolated from the bluegreen alga Synechococcus 6301. Biochimica Et Biophysica Acta - Bioenergetics, 1984, 766, 269-276.	1.0	54
248	PICOSECOND FLUORESCENCE KINETICS and ENERGY TRANSFER IN THE ANTENNA CHLOROPHYLLS OF GREEN ALGAE. Photochemistry and Photobiology, 1983, 37, 435-443.	2.5	83
249	Solution Conformations, Photophysics, and Photochemistry of Bile Pigments; Bilirubin and Biliverdin, Dimethyl Esters and Related Linear Tetrapyrroles. Angewandte Chemie International Edition in English, 1983, 22, 656-674.	4.4	99
250	Polarized absorption picosecond kinetics as a probe of energy transfer in phycobilisomes of Synechococcus 6301. FEBS Letters, 1983, 162, 64-68.	2.8	39
251	Konformationsanalyse, Photophysik und Photochemie der Gallenpigmente; Bilirubin―und Biliverdindimethylester und verwandte lineare Tetrapyrrole. Angewandte Chemie, 1983, 95, 670-689.	2.0	33
252	PICOSECOND TIME RESOLVED ENERGY TRANSFER IN ISOLATED PHYCOBILISOMES FROM RHODELLA VIOLACEA (RHODOPHYCEAE)*. Photochemistry and Photobiology, 1982, 36, 479-487.	2.5	51

#	Article	IF	CITATIONS
253	THE BLUE ANOMALOUS EMISSION OF LARGE AND SMALL PHYTOCHROME. Photochemistry and Photobiology, 1982, 36, 581-584.	2.5	16
254	Phytochrome models. Journal of Chromatography A, 1981, 205, 85-94.	3.7	12
255	Phytochrome Models. IV. Conformational Heterogeneity and Photochemical Changes of Biliverdin Dimethyl Esters in Solution. Israel Journal of Chemistry, 1980, 20, 196-202.	2.3	33
256	ABSORPTION, LUMINESCENCE, SOLVENTâ€INDUCED CIRCULAR DICHROISM AND1H NMR STUDY OF BILIRUBIN DIMETHYL ESTER: OBSERVATION OF DIFFERENT FORMS IN SOLUTION*. Photochemistry and Photobiology, 1980, 32, 17-26.	2.5	42
257	Chemie, 1978, 1978, 2002-2017.	0.5	71
258	Measurement and analysis of fluorescence decay curves. Review of Scientific Instruments, 1977, 48, 1621-1627.	1.3	103
259	Recent Advances in Instrumentation for the Study of Electronic Emission Spectra. Applied Spectroscopy Reviews, 1976, 12, 131-158.	6.7	4
260	Chlorins Programmed for Self-Assembly. , 0, , 1-38.		151