

# Wolfgang Zinth

## List of Publications by Year in descending order

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265  
papers

11,876  
citations

19608

61  
h-index

31759

101  
g-index

287  
all docs

287  
docs citations

287  
times ranked

6821  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electronic and Geometric Characterization of TICT Formation in Hemithioindigo Photoswitches by Picosecond Infrared Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2021, 125, 4390-4400.	1.1	9
2	Folding and Unfolding of the Short Light-Triggered $\hat{I}^2$ -Hairpin Peptide AzoChignolin Occurs within 100 ns. <i>Journal of Physical Chemistry B</i> , 2020, 124, 5113-5121.	1.2	3
3	UV-Induced Charge-Transfer States in Short Guanosine-Containing DNA Oligonucleotides. <i>ChemBioChem</i> , 2020, 21, 2306-2310.	1.3	12
4	The Photoaddition of a Psoralen to DNA Proceeds via the Triplet State. <i>Journal of the American Chemical Society</i> , 2019, 141, 13643-13653.	6.6	21
5	Triplet-Induced Lesion Formation at CpT and TpC Sites in DNA. <i>Chemistry - A European Journal</i> , 2019, 25, 15164-15172.	1.7	12
6	Time-resolved infrared studies of the unfolding of a light triggered $\hat{I}^2$ -hairpin peptide. <i>Chemical Physics</i> , 2018, 512, 116-121.	0.9	12
7	Photophysics of diphenyl-pyrazole compounds in solutions and $\hat{I}^{\pm}$ -synuclein aggregates. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 800-807.	1.1	10
8	Transferring the entatic-state principle to copper photochemistry. <i>Nature Chemistry</i> , 2018, 10, 355-362.	6.6	59
9	Decay Pathways of Thymine Revisited. <i>Journal of Physical Chemistry A</i> , 2018, 122, 4819-4828.	1.1	23
10	Photoisomerization of hemithioindigo compounds: Combining solvent- and substituent- effects into an advanced reaction model. <i>Chemical Physics</i> , 2018, 515, 614-621.	0.9	13
11	Ingredients to TICT Formation in Donor Substituted Hemithioindigo. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 1585-1592.	2.1	44
12	Twisted Hemithioindigo Photoswitches: Solvent Polarity Determines the Type of Light-Induced Rotations. <i>Journal of the American Chemical Society</i> , 2016, 138, 12219-12227.	6.6	92
13	UV-Induced Charge Transfer States in DNA Promote Sequence Selective Self-Repair. <i>Journal of the American Chemical Society</i> , 2016, 138, 186-190.	6.6	68
14	Quantum Yield of Cyclobutane Pyrimidine Dimer Formation Via the Triplet Channel Determined by Photosensitization. <i>Journal of Physical Chemistry B</i> , 2016, 120, 292-298.	1.2	28
15	2-(2-Methoxyacetophenone): An Efficient Photosensitizer for Cyclobutane Pyrimidine Dimer Formation. <i>ChemPhysChem</i> , 2015, 16, 3483-3487.	1.0	12
16	Photocontrolled chignolin-derived $\hat{I}^2$ -hairpin peptidomimetics. <i>Chemical Communications</i> , 2015, 51, 4001-4004.	2.2	16
17	Anle138b and related compounds are aggregation specific fluorescence markers and reveal high affinity binding to $\hat{I}^{\pm}$ -synuclein aggregates. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 1884-1890.	1.1	52
18	Early Events of DNA Photodamage. <i>Annual Review of Physical Chemistry</i> , 2015, 66, 497-519.	4.8	166

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19	Dewar Lesion Formation in Single- and Double-Stranded DNA is Quenched by Neighboring Bases. <i>Journal of Physical Chemistry B</i> , 2015, 119, 8685-8692.	1.2	10
20	A magnetic stirring setup for applications in ultrafast spectroscopy of photo-sensitive solutions. <i>Review of Scientific Instruments</i> , 2015, 86, 033101.	0.6	5
21	The Primary Photosynthetic Energy Conversion in Bacterial Reaction Centers – Stepwise Electron Transfer and the Effect of Elevated Exposure Levels. <i>Springer Proceedings in Physics</i> , 2015, , 580-583.	0.1	0
22	Photoinduced Charge Transfer Occurs Naturally in DNA. <i>Springer Proceedings in Physics</i> , 2015, , 568-571.	0.1	0
23	Photoinduced charge transfer occurs naturally in DNA. , 2014, , .		0
24	Identification of charge separated states in thymine single strands. <i>Chemical Communications</i> , 2014, 50, 15623-15626.	2.2	30
25	Making Fast Photoswitches Faster – Using Hammett Analysis to Understand the Limit of Donor – Acceptor Approaches for Faster Hemithioindigo Photoswitches. <i>Chemistry - A European Journal</i> , 2014, 20, 13984-13992.	1.7	78
26	Charge separation and charge delocalization identified in long-living states of photoexcited DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 4369-4374.	3.3	108
27	Photostability of 4,4-dihydroxythioindigo, a Mimetic of Indigo. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 591-594.	7.2	38
28	Isomerization and Temperature Jump Induced Dynamics of a Photoswitchable Hairpin. <i>Chemistry - A European Journal</i> , 2014, 20, 694-703.	1.7	23
29	Fingerprinting DNA Oxidation Processes: IR Characterization of the 5-Methyl-2-Deoxycytidine Radical Cation. <i>ChemPhysChem</i> , 2014, 15, 420-423.	1.0	7
30	Mechanism of the Decay of Thymine Triplets in DNA Single Strands. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1616-1622.	2.1	38
31	Watson – Crick Base Pairing Controls Excited State Decay in Natural DNA. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11366-11369.	7.2	59
32	Excimer formation in 9,10-dichloroanthracene – Solutions and crystals. <i>Chemical Physics</i> , 2014, 428, 82-89.	0.9	6
33	Primary reactions in photosynthetic reaction centers of <i>Rhodobacter sphaeroides</i> – Time constants of the initial electron transfer. <i>Chemical Physics Letters</i> , 2014, 601, 103-109.	1.2	19
34	The primary photosynthetic energy conversion in bacterial reaction centers - Stepwise electron transfer and the effect of elevated exposure levels. , 2014, , .		0
35	Tuning of isomerization rates in indigo-based photoswitches. , 2014, , .		0
36	Following the energy transfer in and out of a polyproline – peptide. <i>Biopolymers</i> , 2013, 100, 38-50.	1.2	19

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37	Anle138b: a novel oligomer modulator for disease-modifying therapy of neurodegenerative diseases such as prion and Parkinson's disease. <i>Acta Neuropathologica</i> , 2013, 125, 795-813.	3.9	327
38	Ultrafast spectroscopy of UV-induced DNA-lesions on the search for strategies which keep DNA alive. <i>EPJ Web of Conferences</i> , 2013, 41, 07005.	0.1	2
39	Dynamics of ultraviolet-induced DNA lesions: Dewar formation guided by pre-tension induced by the backbone. <i>New Journal of Physics</i> , 2012, 14, 065006.	1.2	24
40	ONIOM approach for non-adiabatic on-the-fly molecular dynamics demonstrated for the backbone controlled Dewar valence isomerization. <i>Journal of Chemical Physics</i> , 2012, 136, 204307.	1.2	25
41	Molecular Model of the Ring-Opening and Ring-Closure Reaction of a Fluorinated Indolylfulgide. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10518-10528.	1.1	19
42	Light-Switchable Hemithioindigo-Hemistilbene-Containing Peptides: Ultrafast Spectroscopy of the Z to E Isomerization of the Chromophore and the Structural Dynamics of the Peptide Moiety. <i>Journal of Physical Chemistry B</i> , 2012, 116, 4181-4191.	1.2	57
43	Amyloid-Like Structures Formed by Azobenzene Peptides: Light-Triggered Disassembly. <i>Spectroscopy</i> , 2012, 27, 387-391.	0.8	8
44	Mechanism of UV-Induced Formation of Dewar Lesions in DNA. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 408-411.	7.2	67
45	Light-Triggered Peptide Dynamics. <i>Biological and Medical Physics Series</i> , 2012, , 171-192.	0.3	0
46	Folding and Unfolding of Light-Triggered $\beta^2$ -Hairpin Model Peptides. <i>Journal of Physical Chemistry B</i> , 2011, 115, 5219-5226.	1.2	24
47	Nitro-Phenylalanine: A Novel Sensor for Heat Transfer in Peptides. <i>Journal of Physical Chemistry A</i> , 2011, 115, 2169-2175.	1.1	6
48	Vibrational Spectra of the Ground and the Singlet Excited $\tilde{\epsilon}^*$ State of 6,7-Dimethyl-8-ribityllumazine. <i>Journal of Physical Chemistry B</i> , 2011, 115, 3689-3697.	1.2	7
49	The long journey to the laser and its rapid development after 1960. <i>European Physical Journal H</i> , 2011, 36, 153-181.	0.5	9
50	Light-Triggered Aggregation and Disassembly of Amyloid-Like Structures. <i>ChemPhysChem</i> , 2011, 12, 559-562.	1.0	27
51	The Excited State Decay of 1-Methyl-2-thiopyrimidinone is an Activated Process. <i>ChemPhysChem</i> , 2011, 12, 1880-1888.	1.0	18
52	Novel detection scheme for application in pump-probe spectroscopy. <i>Optics Communications</i> , 2010, 283, 1050-1054.	1.0	5
53	Increasing the efficiency of the ring-opening reaction of photochromic indolylfulgides by optical pre-excitation. <i>Chemical Physics Letters</i> , 2010, 489, 175-180.	1.2	17
54	DNA photodamage: Study of cyclobutane pyrimidine dimer formation in a locked thymine dinucleotide. <i>Spectroscopy</i> , 2010, 24, 309-316.	0.8	8

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55	Relaxation time prediction for a light switchable peptide by molecular dynamics. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6204.	1.3	15
56	The detailed balance limit of photochemical energy conversion. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 422-432.	1.3	36
57	Molecular Driving Forces for Z/E Isomerization Mediated by Heteroatoms: The Example Hemithioindigo. <i>Journal of Physical Chemistry A</i> , 2010, 114, 13016-13030.	1.1	58
58	Light-switchable HTI-peptides: Ultrafast structural changes and coupling between the electronically excited chromophore and amide groups. , 2010, , .		0
59	Optimization of the Fast Charge Separation in Artificial Photosynthesis for Efficient Transport. , 2010, , .		0
60	Fulgides: Efficiency of the Ring-opening Reaction Tuned by Optical Pre-excitation. , 2010, , .		0
61	Ultrafast X-ray experiments on structural changes in single crystals of polar molecules. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 96, 107-115.	1.1	3
62	Photochemistry with thermal versus optical excess energy: Ultrafast cycloreversion of indolylfulgides and indolylfulgimides. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 207, 209-216.	2.0	22
63	Mutations of the peripheral antenna complex LH2 â€“ correlations of energy transfer time with other functional properties. <i>Chemical Physics</i> , 2009, 357, 28-35.	0.9	3
64	Ultrafast Hemithioindigo-based peptide-switches. <i>Chemical Physics</i> , 2009, 358, 103-110.	0.9	42
65	Stability and reaction dynamics of trifluorinated indolylfulgides. <i>Chemical Physics Letters</i> , 2009, 477, 298-303.	1.2	16
66	Photochromic Bis(thiophen-3-yl)maleimides Studied with Time-Resolved Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2009, 113, 1033-1039.	1.1	15
67	Influence of the Charge at D85 on the Initial Steps in the Photocycle of Bacteriorhodopsin. <i>Biophysical Journal</i> , 2009, 97, 267-276.	0.2	1
68	Ring-opening reaction of a trifluorinated indolylfulgide: mode-specific photochemistry after pre-excitation. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 5019.	1.3	38
69	Thymine Dimerization in DNA Model Systems: Cyclobutane Photolesion Is Predominantly Formed via the Singlet Channel. <i>Journal of the American Chemical Society</i> , 2009, 131, 5038-5039.	6.6	105
70	Synthesis of novel photochromic pyrans via palladium-mediated reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2009, 5, 25.	1.3	19
71	Substitution- and Temperature-Effects on Hemithioindigo Photoisomerization â€“ The Relevance of Energy Barriers. <i>Springer Series in Chemical Physics</i> , 2009, , 319-321.	0.2	8
72	Energy transfer along a poly(Pro) - peptide. <i>Springer Series in Chemical Physics</i> , 2009, , 529-531.	0.2	2

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73	Photoreaction from a light generated non-equilibrium state. Springer Series in Chemical Physics, 2009, , 379-381.	0.2	0
74	Ultrafast reaction dynamics of the complete photo cycle of an indolylfulgimide studied by absorption, fluorescence and vibrational spectroscopy. Journal of Molecular Liquids, 2008, 141, 130-136.	2.3	22
75	Chemical control of Hemithioindigo-photoisomerization – Substituent-effects on different molecular parts. Chemical Physics Letters, 2008, 455, 197-201.	1.2	48
76	Design criteria for optimal photosynthetic energy conversion. Chemical Physics Letters, 2008, 466, 209-213.	1.2	12
77	Ultrafast dynamics and temperature effects on the quantum efficiency of the ring-opening reaction of a photochromic indolylfulgide. Journal of Molecular Liquids, 2008, 141, 137-139.	2.3	26
78	The Hammett Relationship and Reactions in the Excited Electronic State: Hemithioindigo-Photoisomerization. Journal of Physical Chemistry A, 2008, 112, 581-588.	1.1	72
79	Accelerated and Efficient Photochemistry from Higher Excited Electronic States in Fulgide Molecules. Journal of Physical Chemistry A, 2008, 112, 13364-13371.	1.1	41
80	Primary Photosynthetic Energy Conversion in Bacterial Reaction Centers. Biological and Medical Physics Series, 2008, , 117-140.	0.3	2
81	Loop formation in unfolded polypeptide chains on the picoseconds to microseconds time scale. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2163-2168.	3.3	70
82	Ultrafast Changes of Molecular Crystal Structure Induced by Dipole Solvation. Physical Review Letters, 2007, 98, 248301.	2.9	28
83	Light-triggered $\beta$ -hairpin folding and unfolding. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15729-15734.	3.3	88
84	Generation of narrowband subpicosecond mid-infrared pulses via difference frequency mixing of chirped near-infrared pulses. Optics Letters, 2007, 32, 3339.	1.7	11
85	Thymine Dimerization in DNA Is an Ultrafast Photoreaction. Science, 2007, 315, 625-629.	6.0	496
86	Comparing a Photoinduced Pericyclic Ring Opening and Closure: Differences in the Excited State Pathways. Journal of the American Chemical Society, 2007, 129, 8577-8584.	6.6	65
87	Infrared Studies of Small Azobenzene Peptides: Unexpectedly Slow Reactions on the Time Range of Minutes. Journal of Physical Chemistry B, 2007, 111, 10481-10486.	1.2	7
88	All-Optical Operation Cycle on Molecular Bits with 250-GHz Clock Rate Based on Photochromic Fulgides. Advanced Functional Materials, 2007, 17, 3657-3662.	7.8	33
89	Photochemical Z $\rightarrow$ E Isomerization of a Hemithioindigo/Hemistilbene Amino Acid. ChemPhysChem, 2007, 8, 1713-1721.	1.0	35
90	Ultrafast vibrational excitation transfer and vibrational cooling of propionic acid dimers investigated with IR-pump IR-probe spectroscopy. Chemical Physics, 2007, 341, 200-206.	0.9	10

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91	Femtosecond stimulated Raman microscopy. <i>Applied Physics B: Lasers and Optics</i> , 2007, 87, 389-393.	1.1	291
92	A New Class of Ultrafast Photoswitchable Chromopeptides. <i>Springer Series in Chemical Physics</i> , 2007, , 543-545.	0.2	3
93	Ultrafast Photochromism: Structural and Electronic Dynamics of Indolyl Fulgimides. <i>Springer Series in Chemical Physics</i> , 2007, , 291-293.	0.2	1
94	Ultrafast Unzipping of a Beta-Hairpin Peptide. <i>Springer Series in Chemical Physics</i> , 2007, , 498-500.	0.2	0
95	Femtosecond X-ray Diffraction on DIABN Single Crystals. <i>Springer Series in Chemical Physics</i> , 2007, , 725-727.	0.2	0
96	On the unusual fluorescence properties of xanthone in water. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 3432.	1.3	46
97	A Conformational Two-State Peptide Model System Containing an Ultrafast but Soft Light Switch. <i>Biophysical Journal</i> , 2006, 90, 2099-2108.	0.2	24
98	Ultrafast Structural Dynamics of Photochromic Indolylfulgimides Studied by Vibrational Spectroscopy and DFT Calculations. <i>Journal of Physical Chemistry A</i> , 2006, 110, 12769-12776.	1.1	38
99	A Photo-Controlled $\hat{I}^2$ -Hairpin. , 2006, , 36-37.		0
100	Ultrafast ring opening reaction of a photochromic indolyl-fulgimide. <i>Chemical Physics Letters</i> , 2006, 417, 266-271.	1.2	42
101	Hemithioindigo-based photoswitches as ultrafast light trigger in chromopeptides. <i>Chemical Physics Letters</i> , 2006, 428, 167-173.	1.2	69
102	A femtosecond stimulated raman spectrograph for the near ultraviolet. <i>Applied Physics B: Lasers and Optics</i> , 2006, 85, 557-564.	1.1	116
103	A Photocontrolled $\hat{I}^2$ -Hairpin Peptide. <i>Chemistry - A European Journal</i> , 2006, 12, 1114-1120.	1.7	100
104	A New Class of Ultrafast Photoswitchable Chromopeptides. , 2006, , ThE3.		0
105	Electron Transfer in Photosynthetic Reaction Centers. , 2006, , 445-459.		1
106	Ultrafast Photochromism: Structural and Electronic Dynamics of Indolyl Fulgimides. , 2006, ,		0
107	Slow Fluorescence and Fast Intersystem Crossing -The Xanthone Anomaly. , 2006, ,		0
108	Femtosecond X-ray Diffraction on DIABN single crystals. , 2006, ,		0

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109	Thymine Dimer Formation probed by Time-resolved Vibrational Spectroscopy. , 2006, , .		0
110	Femtosecond Spectroscopy for the Study of Initial Reactions in Protein folding. , 2006, , 311-320.		0
111	Ultrafast Unzipping of a Beta-Hairpin Peptide. , 2006, , .		0
112	The First Picoseconds in Bacterial Photosynthesis?Ultrafast Electron Transfer for the Efficient Conversion of Light Energy. ChemPhysChem, 2005, 6, 871-880.	1.0	178
113	The Photochemistry of o-Nitrobenzaldehyde as Seen by Femtosecond Vibrational Spectroscopy. Angewandte Chemie - International Edition, 2005, 44, 7901-7904.	7.2	81
114	Monitoring an Ultrafast Photo-Isomerization by Femtosecond Fluorescence, Absorption, and IR Spectroscopy. Springer Series in Chemical Physics, 2005, , 462-464.	0.2	0
115	Chirp Dependence of Wave Packet Motion in Oxazine 1. Journal of Physical Chemistry A, 2005, 109, 10488-10492.	1.1	45
116	Photoswitchable Elements within a Peptide BackboneUltrafast Spectroscopy of Thioxylated Amides. Journal of Physical Chemistry B, 2005, 109, 4770-4775.	1.2	27
117	Vibrational relaxation following ultrafast internal conversion: comparing IR and Raman probing. Chemical Physics Letters, 2004, 392, 358-364.	1.2	85
118	Picosecond dynamics in water-soluble azobenzene-peptides. Chemical Physics Letters, 2004, 396, 191-197.	1.2	29
119	Femtosecond Fluorescence and Absorption Dynamics of an Azobenzene with a Strong Push~Pull Substitution. Journal of Physical Chemistry A, 2004, 108, 4399-4404.	1.1	74
120	Ultrafast Quenching of the Xanthone Triplet by Energy Transfer:~New Insight into the Intersystem Crossing Kinetics. Journal of Physical Chemistry A, 2004, 108, 10072-10079.	1.1	51
121	Ultrafast Conformational Dynamics in Cyclic Azobenzene Peptides of Increased Flexibility. Biophysical Journal, 2004, 86, 2350-2362.	0.2	79
122	Ultrafast x-ray diffraction studies on Si(111) and DMABN crystals using Cu-K~ radiation. , 2004, 5196, 311.		1
123	Ultrafast conformational dynamics in light triggered cyclic peptides. , 2004, , 373-379.		1
124	A broadband Kerr shutter for femtosecond fluorescence spectroscopy. Applied Physics B: Lasers and Optics, 2003, 76, 809-814.	1.1	84
125	Visualization of transient absorption dynamics ~ towards a qualitative view of complex reaction kinetics. Chemical Physics, 2003, 295, 287-295.	0.9	59
126	Fluorescence spectra of trans- and cis-azobenzene ~ emission from the Franck~Condon state. Chemical Physics Letters, 2003, 372, 216-223.	1.2	144



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127	Electron Transfer in Reaction Centers of <i>Blastochloris viridis</i> : A Photosynthetic Reaction Approximating the Adiabatic Regime. <i>Journal of Physical Chemistry A</i> , 2003, 107, 8302-8309.	1.1	23
128	Amplified femtosecond pulses from an Er:fiber system: Nonlinear pulse shortening and selfreferencing detection of the carrier-envelope phase evolution. <i>Optics Express</i> , 2003, 11, 594.	1.7	171
129	Picosecond conformational transition and equilibration of a cyclic peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6452-6457.	3.3	156
130	Femtosecond Fluorescence Lifetimes Determined by an Intrinsic Raman Gate. <i>Springer Series in Chemical Physics</i> , 2003, , 435-437.	0.2	0
131	Real-time Observation of Conformational Dynamics in Peptide Folding. <i>Springer Series in Chemical Physics</i> , 2003, , 614-618.	0.2	0
132	Convenient tunability of sub-10 fs-pulses in the visible range. <i>Springer Series in Chemical Physics</i> , 2003, , 152-154.	0.2	0
133	Ultrafast spectroscopy reveals subnanosecond peptide conformational dynamics and validates molecular dynamics simulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7998-8002.	3.3	199
134	Photolysis of Triiodide Studied by Femtosecond Pump-Probe Spectroscopy with Emission Detection. <i>Journal of Physical Chemistry A</i> , 2002, 106, 1647-1653.	1.1	12
135	Selective perturbation of the second electron transfer step in mutant bacterial reaction centers. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2002, 1554, 36-47.	0.5	8
136	Kinetics, Energetics, and Electronic Coupling of the Primary Electron Transfer Reactions in Mutated Reaction Centers of <i>Blastochloris viridis</i> . <i>Biophysical Journal</i> , 2002, 82, 3186-3197.	0.2	45
137	In situ determination of fluorescence lifetimes via inverse Raman scattering. <i>Optics Communications</i> , 2002, 202, 209-216.	1.0	8
138	Ultrafast intramolecular electron transfer from a ferrocene donor moiety to a Nile blue acceptor. <i>Chemical Physics Letters</i> , 2002, 352, 176-184.	1.2	26
139	Real-time Observation of Conformational Dynamics in Peptide Folding. , 2002, , .		0
140	Noncollinear optical parametric amplifiers with output parameters improved by the application of a white light continuum generated in CaF <sub>2</sub> . <i>Optics Communications</i> , 2001, 194, 443-448.	1.0	88
141	Primary reactions of sensory rhodopsins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 962-967.	3.3	64
142	Femtosecond Spectroscopy and model calculations for an understanding of the primary reaction in bacteriorhodopsin. <i>Springer Series in Chemical Physics</i> , 2001, , 680-682.	0.2	8
143	Initial Conformational Dynamics in Cyclic Azobenzene Peptides. <i>Springer Series in Chemical Physics</i> , 2001, , 695-697.	0.2	1
144	Primary reactions of sensory rhodopsins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 962-7.	3.3	25

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145	Primary Reactions of Sensory Rhodopsins: Two Proteins with Vastly Different Dynamics. Springer Series in Chemical Physics, 2001, , 677-679.	0.2	1
146	Spectral Interference Causing Noise in Spectrally Resolved Ultrafast Pump-Probe Experiments. , 2001, , .		0
147	Primary electron transfer in modified bacterial reaction centers: optimization of the first events in photosynthesis. Chemical Physics Letters, 2000, 322, 454-464.	1.2	42
148	Generation of 10 to 50Âfs pulses tunable through all of the visible and the NIR. Applied Physics B: Lasers and Optics, 2000, 71, 457-465.	1.1	305
149	Ultrafast redistribution of vibrational excitation of CH-stretching modes probed via anti-Stokes Raman scattering. Applied Physics B: Lasers and Optics, 2000, 71, 397-403.	1.1	19
150	Redistribution and Relaxation of Vibrational Excitation of CH-Stretching Modes in 1,1-Dichloroethylene and 1,1,1-Trichloroethane. Journal of Physical Chemistry A, 2000, 104, 4218-4222.	1.1	29
151	Initial conformational dynamics in cyclic azobenzene peptides. , 2000, , .		0
152	Primary Reactions of Sensory Rhodopsin I and II: Two proteins with vastly different dynamics. , 2000, , .		0
153	Femtosecond spectroscopy and model calculations for an understanding of the primary reaction in bacteriorhodopsin. , 2000, , .		0
154	A novel spectrometer system for the investigation of vibrational energy relaxation with sub-picosecond time resolution. Optics Communications, 1999, 160, 184-190.	1.0	12
155	Nonexponentialities in the Ultrafast Electron-Transfer Dynamics in the System Oxazine 1 in N,N-Dimethylaniline. Journal of Physical Chemistry A, 1999, 103, 3013-3019.	1.1	61
156	Title is missing!. Photosynthesis Research, 1998, 55, 153-162.	1.6	48
157	Vibrational coherence in ultrafast electron-transfer dynamics of oxazine 1 in N,N-dimethylaniline: simulation of a femtosecond pump-probe experiment. Chemical Physics, 1998, 233, 323-334.	0.9	66
158	Imaging within highly scattering media using time-resolved backscattering of femtosecond pulses. Applied Physics B: Lasers and Optics, 1998, 67, 257-261.	1.1	8
159	Vibrational Coherence in Photosynthetic Reaction Centers Observed in the Bacteriochlorophyll Anion Band. Journal of Physical Chemistry B, 1998, 102, 7492-7496.	1.2	70
160	Ultrafast spectroscopy of the electron transfer in photosynthetic reaction centres: towards a better understanding of electron transfer in biological systems. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1998, 356, 465-476.	1.6	28
161	Ultrafast Phenomena XI. Springer Series in Chemical Physics, 1998, , .	0.2	36
162	Adiabatic Behaviour in the Primary Photosynthetic Electron Transfer. Springer Series in Chemical Physics, 1998, , 675-677.	0.2	0

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163	Modulation of Ultrafast Electron Transfer Dynamics by Wavepacket Motion in Oxazine 1. Springer Series in Chemical Physics, 1998, , 630-632.	0.2	0
164	A multichannel detection system for application in ultra-fast spectroscopy. Measurement Science and Technology, 1997, 8, 449-452.	1.4	50
165	Vibrational cooling after ultrafast photoisomerization of azobenzene measured by femtosecond infrared spectroscopy. Journal of Chemical Physics, 1997, 106, 519-529.	1.2	350
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