

# Hiroshi Miyasaka

## List of Publications by Year in descending order

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273  
papers

8,304  
citations

38660

50  
h-index

66788

78  
g-index

295  
all docs

295  
docs citations

295  
times ranked

6531  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorescent supramolecular polymers of barbiturate dyes with thiophene-cored twisted $\pi$ -systems. <i>Chemical Science</i> , 2022, 13, 1281-1287.	3.7	12
2	Spatial distribution of single guest molecules along thickness of thin films of poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	2
3	Visualization of the microstructure and the position-dependent diffusion coefficient in a blended polymer solid using photo-activation localization microscopy combined with single-molecule tracking based on one-color fluorescence-switching of diarylethene. <i>Polymer Chemistry</i> , 2022, 13, 736-740.	1.9	4
4	1,2,3a-Tri(9a-Canthryl)benzene: Photophysical Properties and Solid-State Intermolecular Interactions of Radially Arranged, Congested Aromatic $\pi$ -Planes**. <i>Chemistry - A European Journal</i> , 2022, 28, e202104245.	1.7	3
5	Ultrafast energy transfer between self-assembled fluorophore and photosynthetic light-harvesting complex 2 (LH2) in lipid bilayer. <i>Journal of Chemical Physics</i> , 2022, 156, 095101.	1.2	5
6	Doubly linked chiral phenanthrene oligomers for homogeneously $\pi$ -extended helicenes with large effective conjugation length. <i>Nature Communications</i> , 2022, 13, 1475.	5.8	24
7	Femtosecond dynamics of stepwise two-photon ionization in solutions as revealed by pump-probe detection with a burst mode of photoexcitation. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 14187-14197.	1.3	1
8	(Invited) Ultrafast Formation of Long-Lived Charge-Separated State at High Energy Level By Two-Photon Ionization. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 891-891.	0.0	0
9	Enhanced light harvesting and photocurrent generation activities of biohybrid light-harvesting reaction center core complexes (LH1-RCs) from <i>Rhodospseudomonas palustris</i> . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 405, 112790.	2.0	5
10	Molecular crystalline capsules that release their contents by light. <i>Chemical Science</i> , 2021, 12, 11585-11592.	3.7	11
11	Real-Time Blinking Suppression of Perovskite Quantum Dots by Halide Vacancy Filling. <i>ACS Nano</i> , 2021, 15, 2831-2838.	7.3	41
12	Slow photoionization via higher excited states of <i>N,N</i> -dimethylaniline in ethanol solution probed by femtosecond transient absorption spectroscopy under two-pulse two-photon excitation. <i>Journal of Chemical Physics</i> , 2021, 154, 054304.	1.2	5
13	Optical nature of non-substituted triphenylmethyl cation: Crystalline state emission, thermochromism, and phosphorescence. <i>Aggregate</i> , 2021, 2, e126.	5.2	13
14	Vibrational Dephasing along the Reaction Coordinate of an Electron Transfer Reaction. <i>Journal of the American Chemical Society</i> , 2021, 143, 14511-14522.	6.6	18
15	Direct determination of molar absorption coefficients of several molecules in the lowest excited singlet states. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 1287-1297.	1.6	2
16	Sequential energy transfer driven by monoexponential dynamics in a biohybrid light-harvesting complex 2 (LH2). <i>Photosynthesis Research</i> , 2020, 143, 115-128.	1.6	13
17	Non-Condor Effect on Ultrafast Excited-State Intramolecular Proton Transfer. <i>Journal of Physical Chemistry A</i> , 2020, 124, 265-271.	1.1	20
18	Geometrical Evolution and Formation of the Photoproduct in the Cycloreversion Reaction of a Diarylethene Derivative Probed by Vibrational Spectroscopy. <i>ChemPhysChem</i> , 2020, 21, 1485-1485.	1.0	0

#	ARTICLE	IF	CITATIONS
19	Vibrational decoherence induced by ultrafast intramolecular charge separation of an asymmetric bianthryl derivative. <i>Journal of Chemical Physics</i> , 2020, 153, 084307.	1.2	5
20	Fluorescent Supramolecular Polymorphism Driven by Distinct Hydrogen Bonding Lattice. <i>Chemistry Letters</i> , 2020, 49, 1009-1012.	0.7	9
21	Restriction of the conrotatory motion in photo-induced 6i€ electrocyclic reaction: formation of the excited state of the closed-ring isomer in the cyclization. <i>RSC Advances</i> , 2020, 10, 20038-20045.	1.7	4
22	Ultrafast capture of electrons ejected by photoionization leading to the formation of a charge-separated state at a high energy level. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 17472-17481.	1.3	7
23	Geometrical Evolution and Formation of the Photoproduct in the Cycloreversion Reaction of a Diarylethene Derivative Probed by Vibrational Spectroscopy. <i>ChemPhysChem</i> , 2020, 21, 1524-1530.	1.0	9
24	A dominant factor of the cycloreversion reactivity of diarylethene derivatives as revealed by femtosecond time-resolved absorption spectroscopy. <i>Journal of Chemical Physics</i> , 2020, 152, 034301.	1.2	16
25	Ultrafast Photodynamics and Quantitative Evaluation of Biohybrid Photosynthetic Antenna and Reaction Center Complexes Generating Photocurrent. <i>Journal of Physical Chemistry C</i> , 2020, 124, 8605-8615.	1.5	14
26	Advanced Control of Photochemical Reactions Leading to Synergetic Responses in Molecules and Mesoscopic Materials. , 2020, , 3-27.		3
27	Crystallization-induced emission of 1,2-bis(3-methyl-5-(4-alkylphenyl)-2-thienyl)perfluorocyclopentenes: A mechanical and thermal recording system. <i>Dyes and Pigments</i> , 2019, 160, 450-456.	2.0	5
28	Opto-thermophoretic separation and trapping of plasmonic nanoparticles. <i>Nanoscale</i> , 2019, 11, 21093-21102.	2.8	23
29	Object Transportation System Mimicking the Cilia of Paramecium aurelia Making Use of the Light-Controllable Crystal Bending Behavior of a Photochromic Diarylethene. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13308-13312.	7.2	27
30	Comparative studies on picosecond-resolved fluorescence of d-amino acid oxidases from human with one from porcine kidney. Photoinduced electron transfer from aromatic amino acids to the excited flavin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 198, 111546.	1.7	0
31	Excited state dynamics for visible-light sensitization of a photochromic benzil-substituted phenoxyl-imidazolyl radical complex. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 2369-2379.	1.3	1
32	Improvement in Photostability of Fluorescein by Lanthanide Ions Based on Energy Transfer-based Triplet State Quenching. <i>Chemistry Letters</i> , 2019, 48, 1181-1184.	0.7	3
33	Ionization dynamics of a phenylenediamine derivative in solutions as revealed by femtosecond simultaneous and stepwise two-photon excitation. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2889-2898.	1.3	7
34	Î²-Carotene Probes the Energy Transfer Pathway in the Photosystem II Core Complex. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 3710-3714.	2.1	5
35	Solid-State, Near-Infrared to Visible Photon Upconversion via Triplet-Triplet Annihilation of a Binary System Fabricated by Solution Casting. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 20812-20819.	4.0	53
36	Vibrational coherence in ultrafast electron transfer reaction observed by broadband transient absorption spectroscopy. <i>EPJ Web of Conferences</i> , 2019, 205, 09028.	0.1	1

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37	Cyclization reaction dynamics of an inverse type diarylethene derivative as revealed by time-resolved absorption and fluorescence spectroscopies. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 8623-8632.	1.3	14
38	Fluorescence On/Off Switching in Nanoparticles Consisting of Two Types of Diarylethenes. <i>ACS Omega</i> , 2018, 3, 2374-2382.	1.6	6
39	A turn-on mode fluorescent diarylethene: Solvatochromism of fluorescence. <i>Dyes and Pigments</i> , 2018, 153, 144-149.	2.0	29
40	Dynamic Polymorph Formation during Evaporative Crystallization from Solution: The Key Role of Liquid-Like Clusters as "Crucible" at Ambient Temperature. <i>Chemistry - A European Journal</i> , 2018, 24, 4343-4349.	1.7	13
41	Femtosecond excited-state dynamics of fullerene-C <sub>60</sub> nanoparticles in water. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 958-966.	1.3	7
42	Mesoscopic Motion of Optically Trapped Particle Synchronized with Photochromic Reactions of Diarylethene Derivatives. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 2659-2664.	2.1	19
43	Hexa-peri-hexabenzo[7]helicene: Homogeneously $\pi$ -Extended Helicene as a Primary Substructure of Helically Twisted Chiral Graphenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 4317-4326.	6.6	151
44	Solid-State Fluorescence Behavior Induced by Photochemical Ring-Opening Reaction of 1,2-Bis(3-methyl-5-phenyl-2-thienyl)perfluorocyclopentene. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 153-157.	2.0	7
45	Stepwise Two-Photon-Induced Electron Transfer from Higher Excited States of Noncovalently Bound Porphyrin-CdS/ZnS Core/Shell Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 7098-7104.	2.1	12
46	Cycloreversion Reaction of a Fulgide Derivative in Higher Excited States Attained by Femtosecond Two-Photon Pulsed Excitation. <i>Journal of Physical Chemistry C</i> , 2018, 122, 24987-24995.	1.5	10
47	Preface for special issue on photosynergetics. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2018, 34, 1.	5.6	1
48	Laser-induced reprecipitation of pyrene at 77 K and its dynamics as studied by spectroscopic techniques. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 910-916.	1.6	2
49	Multiphoton-gated cycloreversion reaction of a fluorescent diarylethene derivative as revealed by transient absorption spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19776-19783.	1.3	6
50	Two-photon actuation of crosslinked liquid-crystalline polymers utilizing energy transfer system. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 662, 53-60.	0.4	2
51	Switching of Radiation Force on Optically Trapped Microparticles through Photochromic Reactions of Pyranoquinazoline Derivatives. <i>Journal of Physical Chemistry C</i> , 2018, 122, 22033-22040.	1.5	11
52	Single-particle photoluminescence from cadmium selenide quantum dots fabricated via laser ablation in superfluid helium. <i>Journal of Nanophotonics</i> , 2018, 13, 1.	0.4	4
53	Fabrication of cadmium selenide quantum dots with laser ablation in superfluid helium. , 2018, , .		0
54	Optofluidics driven by photothermal effects of single gold nanoparticles. , 2018, , .		0

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55	Temperature at the focal point of optical trapping beam: evaluation using fluorescence correlation spectroscopy. , 2018, , .		0
56	Polymorphs of a diarylethene that exhibits strong emission and direct visualization of polymorphic phase transition process by fluorescence color change. Dyes and Pigments, 2017, 139, 233-238.	2.0	8
57	One-colour control of activation, excitation and deactivation of a fluorescent diarylethene derivative in super-resolution microscopy. Chemical Communications, 2017, 53, 4066-4069.	2.2	56
58	Plasmonic Control and Stabilization of Asymmetric Light Scattering from Ag Nanocubes on TiO <sub>2</sub> . ACS Applied Materials & Interfaces, 2017, 9, 11064-11072.	4.0	17
59	Fluorescence On/Off Switching in Polymers Bearing Diarylethene and Fluorene in Their Side Chains. Journal of Physical Chemistry C, 2017, 121, 6272-6281.	1.5	21
60	Direct Observation of the Ultrafast Evolution of Open-Shell Biradical in Photochromic Radical Dimer. Journal of the American Chemical Society, 2017, 139, 6382-6389.	6.6	23
61	AIE phenomena of a cyanostilbene derivative as a probe of molecular assembly processes. Faraday Discussions, 2017, 196, 231-243.	1.6	14
62	Flapping viscosity probe that shows polarity-independent ratiometric fluorescence. Journal of Materials Chemistry C, 2017, 5, 5248-5256.	2.7	70
63	Fabrication of silver nanoparticles from silver salt aqueous solution at water-glass interface by visible CW laser irradiation without reducing reagents. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 344, 168-177.	2.0	7
64	Turn-on mode fluorescent diarylethenes: Control of the cycloreversion quantum yield. Tetrahedron, 2017, 73, 4918-4924.	1.0	28
65	Stationary bubble formation and Marangoni convection induced by CW laser heating of a single gold nanoparticle. Nanoscale, 2017, 9, 719-730.	2.8	71
66	Single-Molecule Monitoring of the Structural Switching Dynamics of Nucleic Acids through Controlling Fluorescence Blinking. Angewandte Chemie - International Edition, 2017, 56, 15329-15333.	7.2	11
67	Single-Molecule Monitoring of the Structural Switching Dynamics of Nucleic Acids through Controlling Fluorescence Blinking. Angewandte Chemie, 2017, 129, 15531-15535.	1.6	6
68	Femtosecond-Laser-Enhanced Amyloid Fibril Formation of Insulin. Langmuir, 2017, 33, 8311-8318.	1.6	9
69	Cycloreversion Reaction of a Diarylethene Derivative at Higher Excited States Attained by Two-Color, Two-Photon Femtosecond Pulsed Excitation. Journal of the American Chemical Society, 2017, 139, 17159-17167.	6.6	30
70	Fluorescence Photoswitching of a Diarylethene by Irradiation with Single-Wavelength Visible Light. Journal of the American Chemical Society, 2017, 139, 16498-16501.	6.6	77
71	Efficient Cycloreversion Reaction of a Diarylethene Derivative in Higher Excited States Attained by Off-Resonant Simultaneous Two-Photon Absorption. Journal of Physical Chemistry Letters, 2017, 8, 3272-3276.	2.1	25
72	Multiphoton-Gated Photochromic Reactions Induced by Pulsed Laser Excitation. , 2017, , 225-235.		3

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73	Turn-on mode fluorescence photoswitching of diarylethene single crystals. <i>CrystEngComm</i> , 2016, 18, 7241-7248.	1.3	21
74	Stepwise Two-Photon-Induced Fast Photoswitching via Electron Transfer in Higher Excited States of Photochromic Imidazole Dimer. <i>Journal of the American Chemical Society</i> , 2016, 138, 5930-5938.	6.6	43
75	Optical properties and solvatofluorochromism of fluorene derivatives bearing S,S-dioxidized thiophene. <i>Photochemical and Photobiological Sciences</i> , 2016, 15, 1254-1263.	1.6	18
76	Dynamics of Excitation Energy Transfer Between the Subunits of Photosystem II Dimer. <i>Journal of the American Chemical Society</i> , 2016, 138, 11599-11605.	6.6	15
77	Sub-100 fs Charge Separation and Subsequent Diffusive Solvation Observed for Asymmetric Bianthryl Derivative in Ionic Liquid. <i>Journal of Physical Chemistry C</i> , 2016, 120, 14502-14512.	1.5	9
78	Photochromism of diarylethene derivatives having benzophosphole and benzothiophene groups. <i>Dyes and Pigments</i> , 2016, 126, 186-193.	2.0	11
79	Laser-driven phase transitions in aqueous colloidal gold nanoparticles under high pressure: picosecond pump-probe study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 4994-5004.	1.3	17
80	Solvent Polarity Dependence of Photochromic Reactions of a Diarylethene Derivative As Revealed by Steady-State and Transient Spectroscopies. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1170-1177.	1.5	41
81	Energy Transfer between Subunits of Photosystem II Dimer Observed by Femtosecond Transient Absorption. , 2016, , .		0
82	Restricted diffusion of guest molecules in polymer thin films on solid substrates as revealed by three-dimensional single-molecule tracking. <i>Chemical Communications</i> , 2015, 51, 13756-13759.	2.2	13
83	Properties and evolution of emission in molecular aggregates of a perylene ammonium derivative in polymer matrices. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 1896-1902.	1.6	13
84	Extension of Light-Harvesting Ability of Photosynthetic Light-Harvesting Complex 2 (LH2) through Ultrafast Energy Transfer from Covalently Attached Artificial Chromophores. <i>Journal of the American Chemical Society</i> , 2015, 137, 13121-13129.	6.6	57
85	Fluorescent Photochromic Diarylethene That Turns on with Visible Light. <i>Organic Letters</i> , 2015, 17, 4802-4805.	2.4	45
86	Femtosecond coherent wavepacket motion in an ultrafast electron transfer system composed of naphthalene derivative in an electron donating solvent. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 313, 79-86.	2.0	7
87	The Effect of Pre-solvation in the Ground State on Photoinduced Electron Transfer in Ionic Liquids. <i>Journal of Solution Chemistry</i> , 2014, 43, 1550-1560.	0.6	5
88	Coherent wavepacket motion in an ultrafast electron transfer system monitored by femtosecond degenerate four-wave-mixing and pump-probe spectroscopy. <i>Chemical Physics</i> , 2014, 442, 68-76.	0.9	10
89	Femtosecond degenerate four-wave-mixing measurements of coherent intramolecular vibrations in an ultrafast electron transfer system. <i>Vibrational Spectroscopy</i> , 2014, 70, 58-62.	1.2	8
90	Constraint-induced structural deformation of planarized triphenylboranes in the excited state. <i>Chemical Science</i> , 2014, 5, 1296-1304.	3.7	54

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91	Mechanistic studies of photoinduced intramolecular and intermolecular electron transfer processes in RuPt-centred photo-hydrogen-evolving molecular devices. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1607-1616.	1.3	38
92	Ultrafast solvation dynamics and charge transfer reactions in room temperature ionic liquids. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 13008-13026.	1.3	39
93	Cooperative Conformational Change and Excitation Migration of Biphenyl-PMO Amorphous Film, As Revealed by Femtosecond Time-Resolved Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9419-9428.	1.5	8
94	Picosecond-to-Nanosecond Dynamics of Plasmonic Nanobubbles from Pump-Probe Spectral Measurements of Aqueous Colloidal Gold Nanoparticles. <i>Langmuir</i> , 2014, 30, 9504-9513.	1.6	60
95	Fluorescence Behavior of Single Guest Molecules in Nonpolar Oil Droplets Covered with Stabilizing Surfactants. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10348-10357.	1.5	1
96	Organic solvent-free water-developable sugar resist material derived from biomass in green lithography. <i>Microelectronic Engineering</i> , 2014, 122, 70-76.	1.1	25
97	Photothermogenic Properties of Different-Sized Gold Nanoparticles for Application to Photothermal Therapy. <i>Chemistry Letters</i> , 2014, 43, 975-976.	0.7	5
98	Inhomogeneous Deactivation with UV Excitation in Submicron Grains of Lead Iodide Perovskite-based Solar Cell as Revealed by Femtosecond Transient Absorption Microscopy. <i>Chemistry Letters</i> , 2014, 43, 1656-1658.	0.7	17
99	Coherent Wavepacket Motion in Ultrafast Intermolecular Electron Transfer in Electron-Donating Solvent. , 2014, , .		0
100	Ultrafast Intramolecular Charge Transfer Process of Asymmetric 9,9'-Bianthryl derivative in Ionic Liquid. , 2014, , .		0
101	Ultrafast Energy Transfer in LH2 Photosynthetic Antenna Conjugated with Artificial Fluorescent Dyes. , 2014, , .		0
102	Photoinduced charge-transfer dynamics of sequentially aligned donor-acceptor systems in an ionic liquid. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1885-1894.	1.6	8
103	Multivariate curve resolution alternating least squares to cope with deviations from data bilinearity in ultrafast time-resolved spectroscopy. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013, 128, 101-110.	1.8	20
104	Photonic-crystal-based platform to control spontaneous emission from single molecules. , 2013, , .		0
105	Controlled Spontaneous Emission of Single Molecules in a Two-Dimensional Photonic Band Gap. <i>Journal of the American Chemical Society</i> , 2013, 135, 106-109.	6.6	11
106	Temperature near Gold Nanoparticles under Photoexcitation: Evaluation Using a Fluorescence Correlation Technique. <i>Journal of Physical Chemistry C</i> , 2013, 117, 8388-8396.	1.5	19
107	Permanent Fixing or Reversible Trapping and Release of DNA Micropatterns on a Gold Nanostructure Using Continuous-Wave or Femtosecond-Pulsed Near-Infrared Laser Light. <i>Journal of the American Chemical Society</i> , 2013, 135, 6643-6648.	6.6	93
108	Selective Optical Assembly of Highly Uniform Nanoparticles by Doughnut-Shaped Beams. <i>Scientific Reports</i> , 2013, 3, 3047.	1.6	47

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109	Ultrafast Dynamics and Mechanisms of One-Photon and Multiphoton Photochromic Reactions. , 2013, , 225-246.		2
110	Excited-state Dynamics of Fullerene Nanoparticles Dispersed in Pure Water. Chemistry Letters, 2012, 41, 1104-1106.	0.7	12
111	Photochemistry of $\text{[Re(bpy)(CO)}_3\text{Cl]}$ . Chemistry - A European Journal, 2012, 18, 15722-15734.	1.7	74
112	Metallic-Nanostructure-Enhanced Optical Trapping of Flexible Polymer Chains in Aqueous Solution As Revealed by Confocal Fluorescence Microspectroscopy. Journal of Physical Chemistry C, 2012, 116, 14610-14618.	1.5	54
113	Fluorescence detection of single guest molecules in ultrasmall droplets of nonpolar solvent. Physical Chemistry Chemical Physics, 2012, 14, 345-352.	1.3	5
114	Femtosecond Laser Photolysis Studies on Temperature Dependence of Cyclization and Cycloreversion Reactions of a Photochromic Diarylethene Derivative. Journal of Physical Chemistry C, 2012, 116, 4862-4869.	1.5	64
115	Photoswitchable fluorescent diarylethene derivatives with short alkyl chain substituents. Photochemical and Photobiological Sciences, 2012, 11, 1661-1665.	1.6	47
116	Multiphoton-gated cycloreversion reaction of a photochromic 1,2-bis(thiazolyl) perfluorocyclopentene diarylethene derivative. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 234, 57-65.	2.0	15
117	Direct detection of electron transfer processes in photoconductive poly(N-vinylcarbazole) solid film doped with electron acceptors: Temperature dependence of femtosecond to microsecond dynamics. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 234, 107-114.	2.0	2
118	Tuned CAM-B3LYP functional in the time-dependent density functional theory scheme for excitation energies and properties of diarylethene derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 2012, 235, 29-34.	2.0	82
119	Enhancement of vibrational coherence by femtosecond degenerate four-wave-mixing for a chromophore in 1-propanol glass. Photochemical and Photobiological Sciences, 2011, 10, 1436-1440.	1.6	2
120	One-Color Reversible Control of Photochromic Reactions in a Diarylethene Derivative: Three-Photon Cyclization and Two-Photon Cycloreversion by a Near-Infrared Femtosecond Laser Pulse at 1.28 $\mu\text{m}$ . Journal of the American Chemical Society, 2011, 133, 2621-2625.	6.6	100
121	Norharmane: Old yet highly selective dual channel ratiometric fluoride and hydrogen sulfate ion sensor. Analyst, The, 2011, 136, 275-277.	1.7	42
122	Cyclization Reaction Dynamics of a Photochromic Diarylethene Derivative as Revealed by Femtosecond to Microsecond Time-Resolved Spectroscopy. Journal of Physical Chemistry C, 2011, 115, 4265-4272.	1.5	78
123	In Situ Preparation of Highly Fluorescent Dyes upon Photoirradiation. Journal of the American Chemical Society, 2011, 133, 13558-13564.	6.6	213
124	Confinement of Photopolymerization and Solidification with Radiation Pressure. Journal of the American Chemical Society, 2011, 133, 14472-14475.	6.6	37
125	Single-Molecule Fluorescence Photoswitching of a Diarylethene $\sim$ Perylenebisimide Dyad: Non-destructive Fluorescence Readout. Journal of the American Chemical Society, 2011, 133, 4984-4990.	6.6	276
126	Ultrafast Solvation Dynamics in Room Temperature Ionic Liquids Observed by Three-Pulse Photon Echo Peak Shift Measurements. Journal of Physical Chemistry A, 2011, 115, 3886-3894.	1.1	38



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127	Photochromic Nucleobase Photoisomerized by Visible Light. <i>Chemistry Letters</i> , 2010, 39, 956-957.	0.7	10
128	Multiphoton-Gated Reaction in Organic Photochromic Molecules under Pulsed Laser Excitation. <i>The Review of Laser Engineering</i> , 2010, 38, 90-95.	0.0	0
129	Photoinduced electron transfer in tris(2,2'-bipyridine)ruthenium(ii)-viologen dyads with peptide backbones leading to long-lived charge separation and hydrogen evolution. <i>Dalton Transactions</i> , 2010, 39, 4421.	1.6	40
130	Coherent Nuclear Motion of Blue Copper Protein; Plastocyanin: Comparing LMCT and d-d Excitation. , 2010, , .		0
131	Evaluation of radiation force acting on macromolecules by combination of Brownian dynamics simulation with fluorescence correlation spectroscopy. <i>Physical Review E</i> , 2010, 81, 061402.	0.8	15
132	Carboxylate Ligand-Induced Intramolecular C-H Bond Activation of Iridium Complexes with <i>N</i> -Phenylperimidine-Based Carbene Ligands. <i>Organometallics</i> , 2010, 29, 4120-4129.	1.1	39
133	Fluorescence photoswitching of a diarylethene- <i>perylenebisimide</i> dyad based on intramolecular electron transfer. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 181.	1.6	47
134	Ultrafast delocalization of cationic states in poly( <i>N</i> -vinylcarbazole) solid leading to carrier photogeneration. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 4560.	1.3	9
135	Coherent dynamics and ultrafast excited state relaxation of blue copper protein; plastocyanin. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6067.	1.3	28
136	Multiphoton-gated cycloreversion reactions of photochromic diarylethene derivatives with low reaction yields upon one-photon visible excitation. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 172-180.	1.6	50
137	Optical force enhanced by plasmon resonance allowing position-sensitive synthesis and immobilization of single Ag nanoparticles on glass surfaces. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	10
138	Effect of ultrafast electron transfer on photon echo signal: Decoherence process in electron-donating solvents. <i>Chemical Physics Letters</i> , 2009, 482, 263-268.	1.2	8
139	Microscopic Structure and Mobility of Guest Molecules in Mesoporous Hybrid Organosilica: Evaluation with Single-Molecule Tracking. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11884-11891.	1.5	29
140	Dynamic Stokes Shift of 9,9'-Bianthryl in Ionic Liquids: A Temperature Dependence Study. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11868-11876.	1.5	33
141	Ultrafast Photodissociation Dynamics of a Hexaarylbiimidazole Derivative with Pyrenyl Groups: Dispersive Reaction from Femtosecond to 10 ns Time Regions. <i>Journal of the American Chemical Society</i> , 2009, 131, 7256-7263.	6.6	81
142	Preface to the Hiroshi Masuhara Festschrift: Exploration with Lasers into New Areas of Molecular Photoscience. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11425-11427.	1.5	1
143	Nanosecond to Submillisecond Dynamics in Dye-Labeled Single-Stranded DNA, As Revealed by Ensemble Measurements and Photon Statistics at Single-Molecule Level. <i>Journal of Physical Chemistry B</i> , 2009, 113, 13917-13925.	1.2	27
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