

Michel Sliwa

List of Publications by Year in descending order

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126
papers

4,353
citations

94269

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128067

60
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134
all docs

134
docs citations

134
times ranked

6108
citing authors

#	ARTICLE	IF	CITATIONS
1	Moisture-Induced Non-Equilibrium Phase Segregation in Triple Cation Mixed Halide Perovskite Monitored by <i>In Situ</i> Characterization Techniques and Solid-State NMR. <i>Energy and Environmental Materials</i> , 2023, 6, .	7.3	7
2	Structural Information about the <i>trans</i> -to- <i>cis</i> Isomerization Mechanism of the Photoswitchable Fluorescent Protein rsEGFP2 Revealed by Multiscale Infrared Transient Absorption. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 1194-1202.	2.1	9
3	Cisoid-cis intermediate plays a crucial role in decolouration rate in photochromic reaction of 8H-pyranoquinazolines and 3H-naphthopyrans. <i>Dyes and Pigments</i> , 2022, 201, 110249.	2.0	6
4	Unifying Perspective of the Ultrafast Photodynamics of Orange Carotenoid Proteins from <i>Synechocystis</i> : Peril of High-Power Excitation, Existence of Different S* States, and Influence of Tagging. <i>Jacs Au</i> , 2022, 2, 1084-1095.	3.6	8
5	Selective population of triplet-excited states in heavy-atom-free BODIPY-C60-based molecular assemblies. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 1573-1584.	1.6	4
6	Structure-function-dynamics relationships in the peculiar Planktothrix PCC7805 OCP1: Impact of his-tagging and carotenoid type. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148584.	0.5	6
7	Photoactive Organic/Inorganic Hybrid Materials with Nanosegregated Donor-Acceptor Arrays. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8419-8424.	7.2	13
8	Photoactive Organic/Inorganic Hybrid Materials with Nanosegregated Donor-Acceptor Arrays. <i>Angewandte Chemie</i> , 2021, 133, 8500-8505.	1.6	3
9	Mechanism and dynamics of fatty acid photodecarboxylase. <i>Science</i> , 2021, 372, .	6.0	93
10	Multivariate Curve Resolution Slicing of Multiexponential Time-Resolved Spectroscopy Fluorescence Data. <i>Analytical Chemistry</i> , 2021, 93, 12504-12513.	3.2	9
11	Mutual influence of gold and silver nanoparticles on Tris-(2,2'-bipyridine)-Ru(II) core complexes: Post-functionalization processes, optical and electrochemical investigations. <i>Applied Surface Science</i> , 2020, 499, 143847.	3.1	3
12	Investigating off-Hugoniot states using multi-layer ring-up targets. <i>Scientific Reports</i> , 2020, 10, 13172.	1.6	7
13	Control of the Photo-Isomerization Mechanism in 3H-Naphthopyrans to Prevent Formation of Unwanted Long-Lived Photoproducts. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7825.	1.8	16
14	Restriction of the conrotatory motion in photo-induced 6 π 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
15	Mechanistic Insights into the Triplet Sensitized Photochromism of Diarylethenes. <i>Chemistry - A European Journal</i> , 2020, 26, 7672-7677.	1.7	20
16	All Visible Light Switch Based on the Dimethyldihydropyrene Photochromic Core. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2682-2688.	2.1	21
17	Photoswitching mechanism of a fluorescent protein revealed by time-resolved crystallography and transient absorption spectroscopy. <i>Nature Communications</i> , 2020, 11, 741.	5.8	56
18	Defect Passivation via the Incorporation of Tetrapropylammonium Cation Leading to Stability Enhancement in Lead Halide Perovskite. <i>Advanced Functional Materials</i> , 2020, 30, 1909737.	7.8	50

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19	Photochromic Reaction by Red Light via Triplet Fusion Upconversion. <i>Journal of the American Chemical Society</i> , 2019, 141, 17744-17753.	6.6	55
20	Study of conformational transitions of i-motif DNA using time-resolved fluorescence and multivariate analysis methods. <i>Nucleic Acids Research</i> , 2019, 47, 6590-6605.	6.5	18
21	Cobalt(II) Pentaaza-Macrocyclic Schiff Base Complex as Catalyst for Light-Driven Hydrogen Evolution in Water: Electrochemical Generation and Theoretical Investigation of the One-Electron Reduced Species. <i>Inorganic Chemistry</i> , 2019, 58, 9043-9056.	1.9	29
22	Importance of the Mixing and High-Temperature Heating Steps in the Controlled Thermal Coprecipitation Synthesis of Sub-5-nm Na(Gd ³⁺ Yb ³⁺)F ₄ :Tm. <i>Inorganic Chemistry</i> , 2019, 58, 5082-5088.	1.9	10
23	MHz data collection of a microcrystalline mixture of different jack bean proteins. <i>Scientific Data</i> , 2019, 6, 18.	2.4	5
24	Nonisentropic Release of a Shocked Solid. <i>Physical Review Letters</i> , 2019, 123, 245501.	2.9	11
25	Photochemical multivariate curve resolution models for the investigation of photochromic systems under continuous irradiation. <i>Analytica Chimica Acta</i> , 2019, 1053, 32-42.	2.6	4
26	Effect of standard light illumination on electrolyte TM 's stability of lithium-ion batteries based on ethylene and di-methyl carbonates. <i>Scientific Reports</i> , 2019, 9, 135.	1.6	26
27	Chromophore twisting in the excited state of a photoswitchable fluorescent protein captured by time-resolved serial femtosecond crystallography. <i>Nature Chemistry</i> , 2018, 10, 31-37.	6.6	152
28	Comparative photophysical investigation of doubly-emissive photochromic-fluorescent diarylethenes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2470-2479.	1.3	16
29	Femtosecond diffraction studies of solid and liquid phase changes in shock-compressed bismuth. <i>Scientific Reports</i> , 2018, 8, 16927.	1.6	33
30	A Perspective on Data Processing in Super-resolution Fluorescence Microscopy Imaging. <i>Journal of Analysis and Testing</i> , 2018, 2, 193-209.	2.5	5
31	Femtosecond X-Ray Diffraction Studies of the Reversal of the Microstructural Effects of Plastic Deformation during Shock Release of Tantalum. <i>Physical Review Letters</i> , 2018, 120, 265502.	2.9	53
32	Frame-Insensitive Expression Cloning of Fluorescent Protein from <i>Scolionema suvaense</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 371.	1.8	2
33	Study of light-induced formation of photodimers in the i-motif nucleic acid structure by rapid-scan FTIR difference spectroscopy and hybrid hard- and soft-modelling. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19635-19646.	1.3	3
34	Superhydrophobic polypyrrene films to prevent <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> biofilm adhesion on surfaces: high efficiency deciphered by fluorescence microscopy. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1023-1035.	1.6	10
35	Megahertz data collection from protein microcrystals at an X-ray free-electron laser. <i>Nature Communications</i> , 2018, 9, 3487.	5.8	89
36	Ultrafast charge transfer excited state dynamics in trifluoromethyl-substituted iridium(^{III}) complexes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 27256-27260.	1.3	16

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37	Fluorescence modulation by fast photochromism of a [2.2]paracyclophane-bridged imidazole dimer possessing a perylene bisimide moiety. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9523-9531.	2.7	15
38	Disclosing Whole Reaction Pathways of Photochromic 3-H-Naphthopyrans with Fast Color Fading. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 909-914.	2.1	19
39	AIE phenomena of a cyanostilbene derivative as a probe of molecular assembly processes. <i>Faraday Discussions</i> , 2017, 196, 231-243.	1.6	14
40	A multivariate curve resolution approach to separate UV-vis scattering and absorption contributions for organic nanoparticles. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 160, 72-76.	1.8	9
41	Assessing Inter and Intra-particle Heterogeneity in Alumina-poor H-ZSM-5 Zeolites. <i>ChemCatChem</i> , 2017, 9, 3440-3445.	1.8	12
42	In situ X-ray diffraction measurement of shock-wave-driven twinning and lattice dynamics. <i>Nature</i> , 2017, 550, 496-499.	13.7	108
43	Electrolyte containing lithium cation in squaraine-sensitized solar cells: interactions and consequences for performance and charge transfer dynamics. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 27670-27681.	1.3	11
44	Fusion of Ultraviolet-Visible and Infrared Transient Absorption Spectroscopy Data to Model Ultrafast Photoisomerization. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3530-3535.	2.1	7
45	Dual thermo- and light-responsive coumarin-based copolymers with programmable cloud points. <i>Polymer Chemistry</i> , 2017, 8, 4512-4519.	1.9	26
46	Solvation dynamics and rotation of coumarin 153 in a new ionic liquid/molecular solvent mixture model: [BMIM][TFSI]/propylene carbonate. <i>Journal of Molecular Liquids</i> , 2017, 226, 48-55.	2.3	14
47	Sparse deconvolution of high-density super-resolution images. <i>Scientific Reports</i> , 2016, 6, 21413.	1.6	48
48	Synthesis of metal oxide nanoparticles by organometallic approach: From molecule to devices. , 2016, , .		0
49	Synthesis, Characterization, and Photocatalytic H ₂ -Evolving Activity of a Family of [Co(N4Py)(X)] ⁿ⁺ Complexes in Aqueous Solution. <i>Inorganic Chemistry</i> , 2016, 55, 4564-4581.	1.9	47
50	Multivariate Curve Resolution of (Ultra)Fast Photoinduced Process Spectroscopy Data. <i>Data Handling in Science and Technology</i> , 2016, , 353-379.	3.1	1
51	Serial Femtosecond Crystallography and Ultrafast Absorption Spectroscopy of the Photoswitchable Fluorescent Protein IrisFP. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 882-887.	2.1	43
52	Time-resolved serial femtosecond crystallography on photoswitchable fluorescent proteins. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2016, 72, s39-s39.	0.0	0
53	Elucidation of the primary ultrafast steps in photo-switchable systems using chemometric analysis. , 2015, , .		0
54	Mapping Pixel Dissimilarity in Wide-Field Super-Resolution Fluorescence Microscopy. <i>Analytical Chemistry</i> , 2015, 87, 4675-4682.	3.2	7

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55	Cobalt(III) tetraaza-macrocyclic complexes as efficient catalyst for photoinduced hydrogen production in water: Theoretical investigation of the electronic structure of the reduced species and mechanistic insight. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 152, 82-94.	1.7	20
56	Photoaddition of Two Guanine Bases to Single Ru-TAP Complexes. Computational Studies and Ultrafast Spectroscopies to Elucidate the pH Dependence of Primary Processes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4488-4500.	1.2	15
57	Emission Properties of Oxyluciferin and Its Derivatives in Water: Revealing the Nature of the Emissive Species in Firefly Bioluminescence. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2638-2649.	1.2	63
58	Vibrational Spectra of Chemical and Isotopic Variants of Oxyluciferin, the Light Emitter of Firefly Bioluminescence. <i>Chemistry - A European Journal</i> , 2014, 20, 10782-10790.	1.7	5
59	Excited state dynamics of the photoconvertible fluorescent protein Kaede revealed by ultrafast spectroscopy. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 867-874.	1.6	14
60	From ultrafast events to equilibrium – uncovering the unusual dynamics of ESIPT reaction: the case of dually fluorescent diethyl-2,5-(dibenzoxazolyl)-hydroquinone. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2542.	1.3	44
61	An Efficient Ru ^{II} -Rh ^{III} -Ru ^{II} Polypyridyl Photocatalyst for Visible-Light-Driven Hydrogen Production in Aqueous Solution. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1654-1658.	7.2	82
62	Multi-stimuli responsive supramolecular diblock copolymers. <i>Polymer Chemistry</i> , 2014, 5, 1031-1036.	1.9	30
63	Design of Efficient Photoinduced Charge Separation in Donor-Copper(I)-Acceptor Triad. <i>Journal of Physical Chemistry C</i> , 2014, 118, 28388-28400.	1.5	26
64	Photocontrol of luminescent inorganic nanocrystals via an organic molecular switch. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22775-22783.	1.3	9
65	A Multifunctional Photoswitch: σ Electrocyclization versus ESIPT and Metalation. <i>Chemistry - A European Journal</i> , 2014, 20, 12279-12288.	1.7	9
66	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
67	Deciphering the protonation and tautomeric equilibria of firefly oxyluciferin by molecular engineering and multivariate curve resolution. <i>Chemical Science</i> , 2013, 4, 3803.	3.7	60
68	Mixture models for two-dimensional baseline correction, applied to artifact elimination in time-resolved spectroscopy. <i>Analytica Chimica Acta</i> , 2013, 771, 7-13.	2.6	18
69	Photochemical formation of thiirene and thioketene in 1,2,3-thiadiazoles with phenyl substituents studied by time-resolved spectroscopy. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 895-901.	1.6	13
70	Mechanistic Aspects of Ketene Formation Deduced from Femtosecond Photolysis of Diazocyclohexadienone, <i>o</i> -Phenylene Thioxocarbonate, and 2-Chlorophenol. <i>Journal of Organic Chemistry</i> , 2013, 78, 2026-2032.	1.7	21
71	Rapid Fluorescence Switching by Using a Fast Photochromic [2.2]Paracyclophane-Bridged Imidazole Dimer. <i>Journal of Physical Chemistry C</i> , 2013, 117, 4808-4814.	1.5	48
72	[Rh ^{III} (dmbpy) ₂ Cl ₂] ⁺ as a Highly Efficient Catalyst for Visible-Light-Driven Hydrogen Production in Pure Water: Comparison with Other Rhodium Catalysts. <i>Chemistry - A European Journal</i> , 2013, 19, 782-792.	1.7	56

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73	Do inverse dithienylethenes behave as normal ones? A joint spectroscopic and theoretical investigation. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 6226.	1.3	31
74	Multivariate curve resolution " Alternating least squares applied to the investigation of ultrafast competitive photoreactions. <i>Analytica Chimica Acta</i> , 2013, 788, 8-16.	2.6	17
75	Insights into the recombination of radical pairs in hexaarylbiimidazoles. <i>Chemical Communications</i> , 2013, 49, 5841.	2.2	15
76	A two-step ICT process for solvatochromic betaine pyridinium revealed by ultrafast spectroscopy, multivariate curve resolution, and TDDFT calculations. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 1945.	1.3	26
77	Chemical Control of Photoinduced Charges under Confinement in Zeolites. <i>Journal of Physical Chemistry C</i> , 2012, 116, 9092-9105.	1.5	32
78	Mapping of Surface-Enhanced Fluorescence on Metal Nanoparticles using Super-Resolution Photoactivation Localization Microscopy. <i>ChemPhysChem</i> , 2012, 13, 973-981.	1.0	62
79	Comprehensive data analysis of femtosecond transient absorption spectra: A review. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2012, 13, 1-27.	5.6	268
80	Dithiolate-Appended Iridium(III) Complex with Dual Functions of Reducing and Capping Agent for the Design of Small-Sized Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2011, 133, 6501-6504.	6.6	22
81	Early Events in the Photochemistry of 1,2,3-Thiadiazole Studied by Ultrafast Time-Resolved UV-Vis and IR Spectroscopies. <i>Journal of Physical Chemistry A</i> , 2011, 115, 14300-14305.	1.1	19
82	The excited state dipole moments of betaine pyridinium investigated by an innovative solvatochromic analysis and TDDFT calculations. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 13185.	1.3	27
83	New Heteroleptic Bis-Phenanthroline Copper(I) Complexes with Dipyridophenazine or Imidazole Fused Phenanthroline Ligands: Spectral, Electrochemical, and Quantum Chemical Studies. <i>Inorganic Chemistry</i> , 2011, 50, 11309-11322.	1.9	60
84	Photochemistry of 2-Naphthoyl Azide. An Ultrafast Time-Resolved UV-Vis and IR Spectroscopic and Computational Study. <i>Journal of the American Chemical Society</i> , 2011, 133, 9751-9761.	6.6	52
85	Baseline correction methods to deal with artifacts in femtosecond transient absorption spectroscopy. <i>Analytica Chimica Acta</i> , 2011, 705, 64-71.	2.6	17
86	Photoinduced intramolecular charge transfer process of betaine pyridinium: A theoretical spectroscopic study. <i>Chemical Physics Letters</i> , 2011, 515, 42-48.	1.2	13
87	Sub-picosecond transient absorption spectroscopy of substituted photochromic spironaphthoxazine compounds. <i>Dyes and Pigments</i> , 2011, 89, 305-312.	2.0	14
88	Effects of a Self-Assembled Molecular Capsule on the Ultrafast Photodynamics of a Photochromic Salicylideneaniline Guest. <i>ChemPhysChem</i> , 2011, 12, 1669-1672.	1.0	36
89	Hybrid hard- and soft-modeling approach for the resolution of convoluted femtosecond spectrokinetic data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2011, 105, 74-82.	1.8	23
90	Kinetic modelling of the photochromism and metal complexation of a spiropyran dye: Application to the Co(II) Spiroindoline-diphenyloxazolebenzopyran system. <i>Dyes and Pigments</i> , 2011, 89, 324-329.	2.0	17

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91	Ultrafast Spectroscopy and Computational Study of the Photochemistry of Diphenylphosphoryl Azide: Direct Spectroscopic Observation of a Singlet Phosphorylnitrene. <i>Journal of the American Chemical Society</i> , 2010, 132, 16796-16804.	6.6	28
92	Chemometric analysis of femtosecond transient absorption spectroscopy data: Study of the photochromism of anils. <i>Science China: Physics, Mechanics and Astronomy</i> , 2010, 53, 1024-1035.	2.0	6
93	Deconvolution of femtosecond time-resolved spectroscopy data in multivariate curve resolution. Application to the characterization of ultrafast photo-induced intramolecular proton transfer. <i>Journal of Chemometrics</i> , 2010, 24, 424-433.	0.7	17
94	Unraveling Excited-State Dynamics in a Polyfluorene-Perylenediimide Copolymer. <i>Journal of Physical Chemistry B</i> , 2010, 114, 1277-1286.	1.2	17
95	Investigation of ultrafast photoinduced processes for salicylidene aniline in solution and gas phase: toward a general photo-dynamical scheme. <i>Photochemical and Photobiological Sciences</i> , 2010, 9, 661-669.	1.6	110
96	Bridged Photochromic Diarylethenes Investigated by Ultrafast Absorption Spectroscopy: Evidence for Two Distinct Photocyclization Pathways. <i>Journal of the American Chemical Society</i> , 2010, 132, 7379-7390.	6.6	62
97	Direct Observation of 1,2-Hydrogen Migration in the Excited States of Alkyl Diazo Esters by Ultrafast Time Resolved IR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2010, 132, 2126-2127.	6.6	15
98	Defocused Wide-field Imaging Unravels Structural and Temporal Heterogeneity in Complex Systems. <i>Advanced Materials</i> , 2009, 21, 1079-1090.	11.1	81
99	Hybrid hard- and soft-modelling applied to analyze ultrafast processes by femtosecond transient absorption spectroscopy: Study of the photochromism of salicylidene anilines. <i>Analytica Chimica Acta</i> , 2009, 642, 228-234.	2.6	31
100	Study of the S ₁ Excited State of <i>para</i> -Methoxy-3-phenyl-3-methyl Diazirine by Ultrafast Time Resolved UV-Vis and IR Spectroscopies and Theory. <i>Journal of the American Chemical Society</i> , 2009, 131, 13784-13790.	6.6	33
101	Synthesis, Ensemble, and Single Molecule Characterization of a Diphenyl-Acetylene Linked Perylenediimide Trimer. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11773-11782.	1.5	28
102	Synthesis and photophysical characterization of chalcogen substituted BODIPY dyes. <i>New Journal of Chemistry</i> , 2009, 33, 1490.	1.4	69
103	Comparative Investigation of Ultrafast Photoinduced Processes in Salicylidene-Aminopyridine in Solution and Solid State. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11959-11968.	1.5	73
104	Transient absorption studies of the photochromic behavior of 3H-naphtho[2,1-b]pyran linked to a p-nitroaniline group. <i>New Journal of Chemistry</i> , 2009, 33, 1427.	1.4	2
105	Size-Dependent Optical Properties of Dendronized Perylenediimide Nanoparticle Prepared by Laser Ablation in Water. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 065002.	0.8	17
106	Fabrication of fluorescent nanoparticles of dendronized perylenediimide by laser ablation in water. <i>Applied Physics A: Materials Science and Processing</i> , 2008, 93, 5-9.	1.1	32
107	Photoactivation of Silver-Exchanged Zeolite...A. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2813-2816.	7.2	95
108	Organic crystals for second harmonic generation switching based on anil photochromes. <i>Research on Chemical Intermediates</i> , 2008, 34, 181-190.	1.3	7

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109	Excitation Energy Migration Processes in Cyclic Porphyrin Arrays Probed by Single Molecule Spectroscopy. <i>Journal of the American Chemical Society</i> , 2008, 130, 1879-1884.	6.6	50
110	Structural, Optical, and Theoretical Studies of a Thermochromic Organic Crystal with Reversibly Variable Second Harmonic Generation. <i>Chemistry of Materials</i> , 2008, 20, 4062-4068.	3.2	47
111	Ratiometric, Fluorescent BODIPY Dye with Aza Crown Ether Functionality: Synthesis, Solvatochromism, and Metal Ion Complex Formation. <i>Journal of Physical Chemistry A</i> , 2008, 112, 6104-6114.	1.1	100
112	Exploration of Single Molecule Events in a Haloperoxidase and Its Biomimic: Localization of Halogenation Activity. <i>Journal of the American Chemical Society</i> , 2008, 130, 13192-13193.	6.6	57
113	Single perylene diimide dendrimers as single-photon sources. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 445004.	0.7	16
114	Single molecule fluorescence spectroscopy of pH sensitive oligonucleotide switches. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 614-618.	1.6	12
115	Photophysics of 3,5-diphenoxy substituted BODIPY dyes in solution. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 1061.	1.6	42
116	Subdiffraction Imaging through the Selective Donut-Mode Depletion of Thermally Stable Photoswitchable Fluorophores: Numerical Analysis and Application to the Fluorescent Protein Dronpa. <i>Journal of the American Chemical Society</i> , 2007, 129, 16132-16141.	6.6	130
117	Single-Molecule Spectroscopic Investigation of Energy Migration Processes in Cyclic Porphyrin Arrays. <i>Journal of the American Chemical Society</i> , 2007, 129, 3539-3544.	6.6	36
118	Dynamic Disorder and Stepwise Deactivation in a Chymotrypsin Catalyzed Hydrolysis Reaction. <i>Journal of the American Chemical Society</i> , 2007, 129, 15458-15459.	6.6	61
119	Energy and Electron Transfer in Ethynylene Bridged Perylene Diimide Multichromophores. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4861-4870.	1.5	83
120	Fluorescence of Single Molecules in Polymer Films: Sensitivity of Blinking to Local Environment. <i>Journal of Physical Chemistry B</i> , 2007, 111, 6987-6991.	1.2	91
121	Polarization and wavelength dependent nonlinear optical properties of a photo-switchable organic crystal. <i>Chemical Physics Letters</i> , 2007, 437, 212-217.	1.2	31
122	Fabrication of nanoscale photochromic materials by vapor deposition method. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 985-991.	0.9	15
123	(3,5-Di-tert-butylsalicylidene)iodobenzene, a peculiar case of a nonlinear optical photoswitch. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 992-997.	0.9	5
124	Design, Synthesis, Structural and Nonlinear Optical Properties of Photochromic Crystals: Toward Reversible Molecular Switches. <i>Chemistry of Materials</i> , 2005, 17, 4727-4735.	3.2	226
125	Photochromic Dynamics of Salicylidene Aniline in Solid State by Using Femtosecond Transient Absorption Spectroscopy. <i>Molecular Crystals and Liquid Crystals</i> , 2005, 431, 541-548.	0.4	14
126	Photochromic compounds as optical limiters in the nanosecond time range: the example of mercury dithizonate complex This paper is dedicated to Professor Jean Kossanyi on the event of his 70th birthday.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 195.	1.6	8