

Michel Sliwa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4824724/publications.pdf>

Version: 2024-02-01

126
papers

4,353
citations

94269

37
h-index

128067

60
g-index

134
all docs

134
docs citations

134
times ranked

6108
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	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
6	In situ X-ray diffraction measurement of shock-wave-driven twinning and lattice dynamics. <i>Nature</i> , 2017, 550, 496-499.	13.7	108
7	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
8	Photoactivation of Silver-Exchanged Zeolite...A. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2813-2816.	7.2	95
9	Mechanism and dynamics of fatty acid photodecarboxylase. <i>Science</i> , 2021, 372, .	6.0	93
10	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
11	Megahertz data collection from protein microcrystals at an X-ray free-electron laser. <i>Nature Communications</i> , 2018, 9, 3487.	5.8	89
12	Energy and Electron Transfer in Ethynylene Bridged Perylene Diimide Multichromophores. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4861-4870.	1.5	83
13	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
14	Defocused Wide-field Imaging Unravels Structural and Temporal Heterogeneity in Complex Systems. <i>Advanced Materials</i> , 2009, 21, 1079-1090.	11.1	81
15	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
16	Synthesis and photophysical characterization of chalcogen substituted BODIPY dyes. <i>New Journal of Chemistry</i> , 2009, 33, 1490.	1.4	69
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Mapping of Surface-Enhanced Fluorescence on Metal Nanoparticles using Super-Resolution Photoactivation Localization Microscopy. <i>ChemPhysChem</i> , 2012, 13, 973-981.	1.0	62
20	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
21	New Heteroleptic Bis-Phenanthroline Copper(II) 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
22	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
23	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
24	[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
25	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
26	Photochromic Reaction by Red Light via Triplet Fusion Upconversion. <i>Journal of the American Chemical Society</i> , 2019, 141, 17744-17753.	6.6	55
27	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
28	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
29	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
30	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
31	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
32	Sparse deconvolution of high-density super-resolution images. <i>Scientific Reports</i> , 2016, 6, 21413.	1.6	48
33	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
34	Synthesis, Characterization, and Photocatalytic H ₂ -Evolving Activity of a Family of [Co(N4Py)(X)] ⁺ Complexes in Aqueous Solution. <i>Inorganic Chemistry</i> , 2016, 55, 4564-4581.	1.9	47
35	From ultrafast events to equilibrium â€“ 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
36	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

#	ARTICLE	IF	CITATIONS
37	Photophysics of 3,5-diphenoxy substituted BODIPY dyes in solution. Photochemical and Photobiological Sciences, 2007, 6, 1061.	1.6	42
38	Single-Molecule Spectroscopic Investigation of Energy Migration Processes in Cyclic Porphyrin Arrays. Journal of the American Chemical Society, 2007, 129, 3539-3544.	6.6	36
39	Effects of a Self-Assembled Molecular Capsule on the Ultrafast Photodynamics of a Photochromic Salicylideneaniline Guest. ChemPhysChem, 2011, 12, 1669-1672.	1.0	36
40	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. Journal of the American Chemical Society, 2009, 131, 13784-13790.	6.6	33
41	Femtosecond diffraction studies of solid and liquid phase changes in shock-compressed bismuth. Scientific Reports, 2018, 8, 16927.	1.6	33
42	Fabrication of fluorescent nanoparticles of dendronized perylenediimide by laser ablation in water. Applied Physics A: Materials Science and Processing, 2008, 93, 5-9.	1.1	32
43	Chemical Control of Photoinduced Charges under Confinement in Zeolites. Journal of Physical Chemistry C, 2012, 116, 9092-9105.	1.5	32
44	Polarization and wavelength dependent nonlinear optical properties of a photo-switchable organic crystal. Chemical Physics Letters, 2007, 437, 212-217.	1.2	31
45	Hybrid hard- and soft-modelling applied to analyze ultrafast processes by femtosecond transient absorption spectroscopy: Study of the photochromism of salicylidene anilines. Analytica Chimica Acta, 2009, 642, 228-234.	2.6	31
46	Do inverse dithienylethenes behave as normal ones? A joint spectroscopic and theoretical investigation. Physical Chemistry Chemical Physics, 2013, 15, 6226.	1.3	31
47	Multi-stimuli responsive supramolecular diblock copolymers. Polymer Chemistry, 2014, 5, 1031-1036.	1.9	30
48	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. Inorganic Chemistry, 2019, 58, 9043-9056.	1.9	29
49	Synthesis, Ensemble, and Single Molecule Characterization of a Diphenyl-Acetylene Linked Perylenediimide Trimer. Journal of Physical Chemistry C, 2009, 113, 11773-11782.	1.5	28
50	Ultrafast Spectroscopy and Computational Study of the Photochemistry of Diphenylphosphoryl Azide: Direct Spectroscopic Observation of a Singlet Phosphorylnitrene. Journal of the American Chemical Society, 2010, 132, 16796-16804.	6.6	28
51	The excited state dipole moments of betaine pyridinium investigated by an innovative solvatochromic analysis and TDDFT calculations. Physical Chemistry Chemical Physics, 2011, 13, 13185.	1.3	27
52	A two-step ICT process for solvatochromic betaine pyridinium revealed by ultrafast spectroscopy, multivariate curve resolution, and TDDFT calculations. Physical Chemistry Chemical Physics, 2012, 14, 1945.	1.3	26
53	Design of Efficient Photoinduced Charge Separation in Donor-Copper(I)-Acceptor Triad. Journal of Physical Chemistry C, 2014, 118, 28388-28400.	1.5	26
54	Dual thermo- and light-responsive coumarin-based copolymers with programmable cloud points. Polymer Chemistry, 2017, 8, 4512-4519.	1.9	26

#	ARTICLE	IF	CITATIONS
55	Effect of standard light illumination on electrolyte's stability of lithium-ion batteries based on ethylene and di-methyl carbonates. <i>Scientific Reports</i> , 2019, 9, 135.	1.6	26
56	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
57	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
58	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
59	All Visible Light Switch Based on the Dimethyldihydropyrene Photochromic Core. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 2682-2688.	2.1	21
60	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
61	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
62	Mechanistic Insights into the Triplet Sensitized Photochromism of Diarylethenes. <i>Chemistry - A European Journal</i> , 2020, 26, 7672-7677.	1.7	20
63	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
64	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
65	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
66	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
67	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
68	Deconvolution of femtosecond time-resolved spectroscopy data in multivariate curve resolution. Application to the characterization of ultrafast photoinduced intramolecular proton transfer. <i>Journal of Chemometrics</i> , 2010, 24, 424-433.	0.7	17
69	Unraveling Excited-State Dynamics in a Polyfluorene-Perylenediimide Copolymer. <i>Journal of Physical Chemistry B</i> , 2010, 114, 1277-1286.	1.2	17
70	Baseline correction methods to deal with artifacts in femtosecond transient absorption spectroscopy. <i>Analytica Chimica Acta</i> , 2011, 705, 64-71.	2.6	17
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	Single perylene diimide dendrimers as single-photon sources. <i>Journal of Physics Condensed Matter</i> , 2007, 19, 445004.	0.7	16
74	Comparative photophysical investigation of doubly-emissive photochromic-fluorescent diarylethenes. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2470-2479.	1.3	16
75	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
76	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
77	Fabrication of nanoscale photochromic materials by vapor deposition method. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 985-991.	0.9	15
78	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
79	Insights into the recombination of radical pairs in hexaarylbiimidazoles. <i>Chemical Communications</i> , 2013, 49, 5841.	2.2	15
80	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
81	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
82	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
83	Sub-picosecond transient absorption spectroscopy of substituted photochromic spironaphthoxazine compounds. <i>Dyes and Pigments</i> , 2011, 89, 305-312.	2.0	14
84	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
85	AIE phenomena of a cyanostilbene derivative as a probe of molecular assembly processes. <i>Faraday Discussions</i> , 2017, 196, 231-243.	1.6	14
86	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
87	Photoinduced intramolecular charge transfer process of betaine pyridinium: A theoretical spectroscopic study. <i>Chemical Physics Letters</i> , 2011, 515, 42-48.	1.2	13
88	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
89	Photoactive Organic/Inorganic Hybrid Materials with Nanosegregated Donor-Acceptor Arrays. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8419-8424.	7.2	13
90	Single molecule fluorescence spectroscopy of pH sensitive oligonucleotide switches. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 614-618.	1.6	12

#	ARTICLE	IF	CITATIONS
91	Assessing Inter and Intra-particle Heterogeneity in Alumina-poor ZSM-5 Zeolites. <i>ChemCatChem</i> , 2017, 9, 3440-3445.	1.8	12
92	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
93	Nonisentropic Release of a Shocked Solid. <i>Physical Review Letters</i> , 2019, 123, 245501.	2.9	11
94	Superhydrophobic polypyrene 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
95	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
96	Photocontrol of luminescent inorganic nanocrystals via an organic molecular switch. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 22775-22783.	1.3	9
97	A Multifunctional Photoswitch: π -Electrocyclization versus ESIPT and Metalation. <i>Chemistry - A European Journal</i> , 2014, 20, 12279-12288.	1.7	9
98	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
99	Multivariate Curve Resolution Slicing of Multiexponential Time-Resolved Spectroscopy Fluorescence Data. <i>Analytical Chemistry</i> , 2021, 93, 12504-12513.	3.2	9
100	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
101	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
102	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
103	Organic crystals for second harmonic generation switching based on anil photochromes. <i>Research on Chemical Intermediates</i> , 2008, 34, 181-190.	1.3	7
104	Mapping Pixel Dissimilarity in Wide-Field Super-Resolution Fluorescence Microscopy. <i>Analytical Chemistry</i> , 2015, 87, 4675-4682.	3.2	7
105	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
106	Investigating off-Hugoniot states using multi-layer ring-up targets. <i>Scientific Reports</i> , 2020, 10, 13172.	1.6	7
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	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
110	Structure-function-dynamics relationships in the peculiar <i>Planktothrix</i> PCC7805 OCP1: Impact of his-tagging and carotenoid type. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2022, 1863, 148584.	0.5	6
111	<i>N</i> -(3,5-di- <i>tert</i> -butylsalicylidene)-4-iodobenzene, a peculiar case of a nonlinear optical photoswitch. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 992-997.	0.9	5
112	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
113	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
114	MHz data collection of a microcrystalline mixture of different jack bean proteins. <i>Scientific Data</i> , 2019, 6, 18.	2.4	5
115	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
116	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
117	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
118	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
119	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
120	Photoactive Organic/Inorganic Hybrid Materials with Nanosegregated Donor-Acceptor Arrays. <i>Angewandte Chemie</i> , 2021, 133, 8500-8505.	1.6	3
121	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
122	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
123	Multivariate Curve Resolution of (Ultra)Fast Photoinduced Process Spectroscopy Data. <i>Data Handling in Science and Technology</i> , 2016, , 353-379.	3.1	1
124	Elucidation of the primary ultrafast steps in photo-switchable systems using chemometric analysis. , 2015, , .		0
125	Synthesis of metal oxide nanoparticles by organometallic approach: From molecule to devices. , 2016, , .		0
126	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