

Stefan Lochbrunner

List of Publications by Year in descending order

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195
papers

7,625
citations

44042

48
h-index

58549

82
g-index

218
all docs

218
docs citations

218
times ranked

7590
citing authors

#	ARTICLE	IF	CITATIONS
1	Generation of 10 to 50 fs pulses tunable through all of the visible and the NIR. <i>Applied Physics B: Lasers and Optics</i> , 2000, 71, 457-465.	1.1	305
2	Mechanism and Dynamics of Azobenzene Photoisomerization. <i>Journal of the American Chemical Society</i> , 2003, 125, 8098-8099.	6.6	296
3	Exciton Trapping in π -Conjugated Materials: A Quantum-Chemistry-Based Protocol Applied to Perylene Bisimide Dye Aggregates. <i>Journal of the American Chemical Society</i> , 2008, 130, 12858-12859.	6.6	290
4	Boosting Visible-Light-Driven Photocatalytic Hydrogen Evolution with an Integrated Nickel Phosphide-Carbon Nitride System. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1653-1657.	7.2	261
5	Photocatalytic Water Reduction with Copper-Based Photosensitizers: A Noble-Metal-Free System. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 419-423.	7.2	243
6	Microscopic Mechanism of Ultrafast Excited-State Intramolecular Proton Transfer: A 30-fs Study of 2-(2-Hydroxyphenyl)benzothiazole. <i>Journal of Physical Chemistry A</i> , 2003, 107, 10580-10590.	1.1	212
7	Ultrafast excited-state proton transfer and subsequent coherent skeletal motion of 2-(2-hydroxyphenyl)benzothiazole. <i>Journal of Chemical Physics</i> , 2000, 112, 10699-10702.	1.2	191
8	Ultrafast internal conversion pathway and mechanism in 2-(2-hydroxyphenyl)benzothiazole: a case study for excited-state intramolecular proton transfer systems. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 1406.	1.3	174
9	Tunable sub-10-fs ultraviolet pulses generated by achromatic frequency doubling. <i>Optics Letters</i> , 2004, 29, 1686.	1.7	156
10	A Noble-Metal-Free System for Photocatalytic Hydrogen Production from Water. <i>Chemistry - A European Journal</i> , 2013, 19, 15972-15978.	1.7	155
11	Complementing Graphenes: 1D Interplanar Charge Transport in Polymeric Graphitic Carbon Nitrides. <i>Advanced Materials</i> , 2015, 27, 7993-7999.	11.1	153
12	One-Dimensional Exciton Diffusion in Perylene Bisimide Aggregates. <i>Journal of Physical Chemistry A</i> , 2011, 115, 648-654.	1.1	149
13	Dynamics of excited-state proton transfer systems via time-resolved photoelectron spectroscopy. <i>Journal of Chemical Physics</i> , 2001, 114, 2519-2522.	1.2	147
14	Pathway approach to ultrafast photochemistry: potential surfaces, conical intersections and isomerizations of small polyenes. <i>Chemical Physics</i> , 1998, 232, 161-174.	0.9	126
15	Ultrafast Exciton Self-Trapping upon Geometry Deformation in Perylene-Based Molecular Aggregates. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 792-796.	2.1	123
16	Ultrafast Exciton Relaxation in Microcrystalline Pentacene Films. <i>Physical Review Letters</i> , 2007, 99, 176402.	2.9	121
17	Biphasic Self-Assembly Pathways and Size-Dependent Photophysical Properties of Perylene Bisimide Dye Aggregates. <i>Journal of the American Chemical Society</i> , 2013, 135, 18722-18725.	6.6	113
18	Ultrafast singlet and triplet dynamics in microcrystalline pentacene films. <i>Physical Review B</i> , 2009, 79,	1.1	110

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19	Structure-Activity Relationships in Bulk Polymeric and Sol-Gel-Derived Carbon Nitrides during Photocatalytic Hydrogen Production. <i>Chemistry of Materials</i> , 2014, 26, 1727-1733.	3.2	108
20	Hydrogen bonding in ionic liquids probed by linear and nonlinear vibrational spectroscopy. <i>New Journal of Physics</i> , 2012, 14, 105026.	1.2	102
21	Zero-additional-phase SPIDER: full characterization of visible and sub-20-fs ultraviolet pulses. <i>Optics Letters</i> , 2004, 29, 210.	1.7	98
22	Generation of tunable 7-fs ultraviolet pulses: achromatic phase matching and chirp management. <i>Applied Physics B: Lasers and Optics</i> , 2004, 79, 1027-1032.	1.1	94
23	The interplay of skeletal deformations and ultrafast excited-state intramolecular proton transfer: Experimental and theoretical investigation of 10-hydroxybenzo[h]quinoline. <i>Chemical Physics</i> , 2008, 347, 446-461.	0.9	91
24	Heteroleptic Copper Photosensitizers: Why an Extended π -System Does Not Automatically Lead to Enhanced Hydrogen Production. <i>Chemistry - A European Journal</i> , 2017, 23, 312-319.	1.7	91
25	Synthesis and Characterization of New Iridium Photosensitizers for Catalytic Hydrogen Generation from Water. <i>Chemistry - A European Journal</i> , 2012, 18, 3220-3225.	1.7	90
26	Low-Temperature Photochemistry of Previtamin D: A Hula-Twist Isomerization of a Triene. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 505-507.	7.2	89
27	Death and Rebirth: Photocatalytic Hydrogen Production by a Self-Organizing Copper-Iron System. <i>ACS Catalysis</i> , 2014, 4, 1845-1849.	5.5	89
28	Photoswitching of Enzyme Activity by Laser-Induced pH-Jump. <i>Journal of the American Chemical Society</i> , 2013, 135, 9407-9411.	6.6	84
29	Anti-cooperative supramolecular polymerization: a new $K_2 \rightleftharpoons K$ model applied to the self-assembly of perylene bisimide dye proceeding via well-defined hydrogen-bonded dimers. <i>Chemical Science</i> , 2016, 7, 1729-1737.	3.7	84
30	Selective Earth-Abundant System for CO_2 Reduction: Comparing Photo- and Electrocatalytic Processes. <i>ACS Catalysis</i> , 2019, 9, 2091-2100.	5.5	80
31	Electronic Relaxation and Ground-State Dynamics of 1,3-Cyclohexadiene and cis-Hexatriene in Ethanol. <i>Journal of Physical Chemistry A</i> , 1998, 102, 9334-9344.	1.1	78
32	Photo-Chromium: Sensitizer for Visible-Light-Induced Oxidative C-H Bond Functionalization? Electron or Energy Transfer?. <i>ChemPhotoChem</i> , 2017, 1, 344-349.	1.5	78
33	Tunable pulses from below 300 to 970 nm with durations down to 14 fs based on a 2 MHz ytterbium-doped fiber system. <i>Optics Letters</i> , 2008, 33, 192.	1.7	75
34	A Vanadium(III) Complex with Blue and NIR-II Spin-Flip Luminescence in Solution. <i>Journal of the American Chemical Society</i> , 2020, 142, 7947-7955.	6.6	74
35	The Connection between NHC Ligand Count and Photophysical Properties in Fe(II) Photosensitizers: An Experimental Study. <i>Inorganic Chemistry</i> , 2018, 57, 360-373.	1.9	72
36	Proton transfer and internal conversion of o-hydroxybenzaldehyde: coherent versus statistical excited-state dynamics. <i>Chemical Physics Letters</i> , 2002, 354, 409-416.	1.2	68

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37	Direct observation of the nuclear motion during ultrafast intramolecular proton transfer. <i>Journal of Molecular Structure</i> , 2004, 700, 13-18.	1.8	66
38	Electronic continua in time-resolved photoelectron spectroscopy. II. Corresponding ionization correlations. <i>Journal of Chemical Physics</i> , 2001, 114, 1206-1213.	1.2	64
39	Widely tunable sub-30 fs ultraviolet pulses by chirped sum frequency mixing. <i>Optics Express</i> , 2003, 11, 3110.	1.7	64
40	Methods and applications of femtosecond time-resolved photoelectron spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2000, 112, 183-198.	0.8	63
41	Ultrafast proton transfer of 1-hydroxy-2-acetonaphthone: Reaction path from resonance Raman and transient absorption studies. <i>Journal of Chemical Physics</i> , 2005, 122, 244315.	1.2	62
42	Substitution- Controlled Excited State Processes in Heteroleptic Copper(I) Photosensitizers Used in Hydrogen Evolving Systems. <i>ChemPhysChem</i> , 2014, 15, 3709-3713.	1.0	61
43	Ultrasensitive ultraviolet-visible 20fs absorption spectroscopy of low vapor pressure molecules in the gas phase. <i>Review of Scientific Instruments</i> , 2008, 79, 013107.	0.6	59
44	The origin of ultrafast proton transfer: Multidimensional wave packet motion vs. tunneling. <i>Chemical Physics Letters</i> , 2011, 503, 61-65.	1.2	58
45	Boosting Visible-Light-Driven Photocatalytic Hydrogen Evolution with an Integrated Nickel Phosphide-Carbon Nitride System. <i>Angewandte Chemie</i> , 2017, 129, 1675-1679.	1.6	57
46	Photocatalytic Hydrogen Production with Copper Photosensitizer-Titanium Dioxide Composites. <i>ChemCatChem</i> , 2014, 6, 82-86.	1.8	53
47	Ring Opening in the Dehydrocholesterol-Previtamin D System Studied by Ultrafast Spectroscopy. <i>The Journal of Physical Chemistry</i> , 1996, 100, 921-927.	2.9	51
48	A Photoreactive Iron(II) Complex Luminophore. <i>Journal of the American Chemical Society</i> , 2022, 144, 1169-1173.	6.6	51
49	Symmetry-dependent solvation of donor-substituted triarylboranes. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 6245.	1.3	48
50	Electron- and Energy-Transfer Processes in a Photocatalytic System Based on an Ir(III)-Photosensitizer and an Iron Catalyst. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 1355-1360.	2.1	44
51	Exciton Migration by Ultrafast Förster Transfer in Highly Doped Matrixes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 6001-6009.	1.2	43
52	Photophysical and quantum chemical study on a J-aggregate forming perylene bisimide monomer. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17649.	1.3	42
53	Spin density distribution after electron transfer from triethylamine to an [Ir(ppy) ₂ (bpy)] ⁺ photosensitizer during photocatalytic water reduction. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 4789.	1.3	40
54	Phase-coherent generation of tunable visible femtosecond pulses. <i>Optics Letters</i> , 2003, 28, 185.	1.7	39

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55	Towards disentangling coupled electronicâ€“vibrational dynamics in ultrafast non-adiabatic processes. Faraday Discussions, 2000, 115, 33-48.	1.6	37
56	Palladium catalyzed synthesis and physical properties of indolo[2,3-b]quinoxalines. Organic and Biomolecular Chemistry, 2014, 12, 6151-6166.	1.5	37
57	Exciton-exciton annihilation in a disordered molecular system by direct and multistep FÃ¶rster transfer. Physical Review B, 2015, 92, .	1.1	37
58	Theoretical Analysis of the Relaxation Dynamics in Perylene Bisimide Dimers Excited by Femtosecond Laser Pulses. Journal of Physical Chemistry A, 2014, 118, 1403-1412.	1.1	36
59	Excitedâ€“State Kinetics of an Airâ€“Stable Cyclometalated Iron(II) Complex. Chemistry - A European Journal, 2019, 25, 11826-11830.	1.7	36
60	Real-time characterization and optimal phase control of tunable visible pulses with a flexible compressor. Applied Physics B: Lasers and Optics, 2002, 74, s219-s224.	1.1	35
61	Compact autocorrelator for the online measurement of tunable 10 femtosecond pulses. Review of Scientific Instruments, 2004, 75, 2323-2327.	0.6	35
62	Multiple Sonogashira Reactions of Polychlorinated Molecules. Synthesis and Photophysical Properties of the First Pentaalkynylpyridines. Organic Letters, 2011, 13, 1618-1621.	2.4	34
63	Site Selective Synthesis of Pentaarylpyridines <i>via</i> Multiple Suzukiâ€“Miyaura Crossâ€“Coupling Reactions. Advanced Synthesis and Catalysis, 2014, 356, 1987-2008.	2.1	34
64	Highly localized vibronic wavepackets in large reactive molecules. Applied Physics B: Lasers and Optics, 2000, 71, 405-409.	1.1	33
65	Femtosecond charge transfer dynamics in artificial donor/acceptor systems: switching from adiabatic to nonadiabatic regimes by small structural changes. Chemical Physics Letters, 2001, 345, 81-88.	1.2	33
66	Real time observation of the photo-Fries rearrangement. Journal of Chemical Physics, 2004, 120, 11634-11639.	1.2	33
67	On the interpretation of decay associated spectra in the presence of time dependent spectral shifts. Chemical Physics Letters, 2014, 609, 184-188.	1.2	33
68	Light to Hydrogen: Photocatalytic Hydrogen Generation from Water with Molecularly-Defined Iron Complexes. Inorganics, 2017, 5, 14.	1.2	33
69	Novel synthesis of 5-methyl-5,10-dihydroindolo[3,2-b]indoles by Pd-catalyzed Câ€“C and two-fold Câ€“N coupling reactions. Organic and Biomolecular Chemistry, 2015, 13, 583-591.	1.5	32
70	19 fs shaped ultraviolet pulses. Optics Letters, 2006, 31, 543.	1.7	31
71	Reaction path dependent coherent wavepacket dynamics in excited state intramolecular double proton transfer. Chemical Physics, 2008, 349, 197-203.	0.9	30
72	Size-dependent exciton dynamics in one-dimensional perylene bisimide aggregates. New Journal of Physics, 2012, 14, 105027.	1.2	30

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73	Tetraalkynylated and Tetraalkenylated Benzenes and Pyridines: Synthesis and Photophysical Properties. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1849-1858.	2.1	30
74	Synthesis and comparative study of the photocatalytic performance of hierarchically porous polymeric carbon nitrides. <i>Microporous and Mesoporous Materials</i> , 2015, 211, 182-191.	2.2	30
75	Ultrafast photochemical pericyclic reactions and isomerizations of small polyenes. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1997, 101, 500-509.	0.9	29
76	Long distance energy transfer in a polymer matrix doped with a perylene dye. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 3527.	1.3	29
77	Ultrafast excited state dynamics of iridium(III) complexes and their changes upon immobilisation onto titanium dioxide layers. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 10682-10687.	1.3	29
78	A domino reaction of 3-chlorochromones with aminoheterocycles. Synthesis of pyrazolopyridines and benzofuropridines and their optical and ecto-5 α -nucleotidase inhibitory effects. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 717-732.	1.5	28
79	Ground- and Excited-State Properties of Iron(II) Complexes Linked to Organic Chromophores. <i>Inorganic Chemistry</i> , 2020, 59, 14746-14761.	1.9	28
80	Ultrafast and long-time excited state kinetics of an NIR-emissive vanadium(III) complex I: synthesis, spectroscopy and static quantum chemistry. <i>Chemical Science</i> , 2021, 12, 10780-10790.	3.7	28
81	The wavelength dependence of the photochemistry of previtamin D. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1997, 105, 159-164.	2.0	25
82	50-fs Photoinduced Intramolecular Charge Separation in Triphenylmethane Lactones. <i>Journal of Physical Chemistry A</i> , 2004, 108, 10763-10769.	1.1	25
83	The Key Role of Solvation Dynamics in Intramolecular Electron Transfer: Time-Resolved Photophysics of Crystal Violet Lactone. <i>Journal of Physical Chemistry A</i> , 2008, 112, 8487-8496.	1.1	24
84	Quantum Dynamics and Spectroscopy of Excitons in Molecular Aggregates. <i>Semiconductors and Semimetals</i> , 2011, 85, 47-81.	0.4	24
85	Higher MLCT lifetime of carbene iron(II) complexes by chelate ring expansion. <i>Chemical Communications</i> , 2021, 57, 7541-7544.	2.2	24
86	Dynamics of excited state proton transfer in nitro substituted 10-hydroxybenzo[h]quinolines. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 26621-26629.	1.3	23
87	Exciton Dynamics and Self-Trapping of Carbocyanine J-Aggregates in Polymer Films. <i>Journal of Physical Chemistry C</i> , 2019, 123, 9428-9444.	1.5	23
88	Distinct photodynamics of $\hat{\text{I}}^{\text{N}}$ and $\hat{\text{I}}^{\text{C}}$ pseudoisomeric iron(II) complexes. <i>Chemical Communications</i> , 2021, 57, 6640-6643.	2.2	23
89	F $\ddot{\text{A}}$ rster-mediated spectral diffusion in disordered organic materials. <i>Physical Review B</i> , 2012, 85, .	1.1	22
90	Synthesis and Properties of 5,7 \AA -Dihydropyrido[3,2 \AA -b<i>:5,6 \AA -b \AA ² </i>]diindoles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1007-1019.	1.2	22

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91	A chemical reaction controlled by light-activated molecular switches based on hetero-cyclopentanediyls. <i>Chemical Science</i> , 2019, 10, 3486-3493.	3.7	22
92	Efficient Photocatalytic Water Reduction Using In-situ Generated Knölker's Iron Complexes. <i>ChemCatChem</i> , 2016, 8, 2340-2344.	1.8	21
93	Gold(II) Porphyrins in Photoinduced Electron Transfer Reactions. <i>Chemistry - A European Journal</i> , 2019, 25, 5940-5949.	1.7	20
94	Exciton Migration in Multistranded Perylene Bisimide J-Aggregates. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6612-6617.	2.1	20
95	Coherent anti-Stokes Raman scattering with broadband excitation and narrowband probe. <i>Optics Express</i> , 2012, 20, 6478.	1.7	19
96	4-Hydroxy-1-naphthaldehydes: proton transfer or deprotonation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10238-10249.	1.3	19
97	The sub-ps lifetime of the 2A state of Z-hexatriene as deduced from its transient absorption spectrum. <i>Chemical Physics Letters</i> , 1997, 274, 491-498.	1.2	18
98	Thermally activated delayed fluorescence (TADF) dyes as efficient organic photosensitizers for photocatalytic water reduction. <i>Catalysis Communications</i> , 2019, 119, 11-15.	1.6	18
99	When Donors Turn into Acceptors: Ground and Excited State Properties of Fe ^{II} Complexes with Amine-Substituted Tridentate Bis-imidazole-2-ylidene Pyridine Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 8762-8774.	1.9	18
100	Two-photon, visible light water splitting at a molecular ruthenium complex. <i>Energy and Environmental Science</i> , 0, , .	15.6	18
101	Variation of the Ultrafast Fluorescence Quenching in 2,6-Sulfanyl-Core-Substituted Naphthalenediimides by Electron Transfer. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12555-12560.	1.1	16
102	Domino Reactions of Chromone-3-carboxylic Acids with Aminoheterocycles: Synthesis of Heteroannulated Pyrido[2,3-a]coumarins and their Optical and Biological Activity. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 7148-7159.	1.2	16
103	Influence of core-substitution on the ultrafast charge separation and recombination in arylamino core-substituted naphthalene diimides. <i>Chemical Physics Letters</i> , 2011, 504, 24-28.	1.2	15
104	Photoexcitation dynamics in polyfluorene-based thin films: Energy transfer and amplified spontaneous emission. <i>Physical Review B</i> , 2012, 85, .	1.1	15
105	Green-Light Activation of Push-Pull Ruthenium(II) Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 6820-6832.	1.7	15
106	Comprehensive Picture of the Excited State Dynamics of Cu(I)- and Ru(II)-Based Photosensitizers with Long-Lived Triplet States. <i>Inorganic Chemistry</i> , 2022, 61, 214-226.	1.9	15
107	Crosscorrelation measurements of ultrashort visible pulses: comparison between nonlinear crystals and SiC photodiodes. <i>Optics Communications</i> , 2000, 184, 321-328.	1.0	14
108	Dinuclear Ru/Ni, Ir/Ni, and Ir/Pt Complexes with Bridging Phenanthroline-5,6-dithiolate: Synthesis, Structure, and Electrochemical and Photophysical Behavior. <i>Inorganic Chemistry</i> , 2014, 53, 8859-8873.	1.9	14

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109	Synthesis of tetraaryl- and tetraalkenylpyrazines by Suzuki-Miyaura reactions of tetrachloropyrazine. <i>Tetrahedron</i> , 2015, 71, 6803-6812.	1.0	14
110	Straightforward synthesis of tetraalkynylpyrazines and their photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1442-1449.	1.5	14
111	Solvent control of intramolecular proton transfer: is 4-hydroxy-3-(piperidin-1-ylmethyl)-1-naphthaldehyde a proton crane?. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 7316-7325.	1.3	14
112	Low temperature exciton dynamics and structural changes in perylene bisimide aggregates. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 184005.	0.6	14
113	Vibrational Dephasing in Ionic Liquids as a Signature of Hydrogen Bonding. <i>ChemPhysChem</i> , 2015, 16, 2519-2523.	1.0	13
114	Revealing the initial steps in homogeneous photocatalysis by time-resolved spectroscopy. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 153001.	0.7	13
115	Rotational and vibrational temperature determination by DFWM spectroscopy. <i>Applied Physics B: Lasers and Optics</i> , 1995, 61, 311-318.	1.1	12
116	Rare Earth Tetracyanidoborate Salts – Structural Features and Properties Including Luminescence of $[\text{RE}(\text{H}_2\text{O})_8][\text{B}(\text{CN})_4]_3 \cdot n\text{H}_2\text{O}$ and $[\text{RE}(\text{H}_2\text{O})_7]^{+1}[\text{B}(\text{CN})_4]_2$ ($\text{RE} = \text{Y, Tb, Dy, Ho, Er, Tm, Yb, Lu}$; $n = 3$). <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 469-476.	1.0	12
117	Direct observation of the cyclic dimer in liquid acetic acid by probing the C=O vibration with ultrafast coherent Raman spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 18010-18016.	1.3	11
118	Large Stokes Shift Ionic Liquid Dye. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 8564-8567.	7.2	11
119	Synthesis of fluorescent 2,3,5,6-tetraalkynylpyridines by site-selective Sonogashira-reactions of 2,3,5,6-tetrachloropyridines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8627-8640.	1.5	10
120	Chemical Tuning and Absorption Properties of Iridium Photosensitizers for Photocatalytic Applications. <i>Inorganics</i> , 2017, 5, 23.	1.2	10
121	Ultrafast Energy Transfer in Dinuclear Complexes with Bridging 1,10-Phenanthroline-5,6-Dithiolate. <i>Inorganic Chemistry</i> , 2018, 57, 4849-4863.	1.9	10
122	Pd(O)-catalyzed domino C-N coupling/hydroamination/C-H arylation reactions: efficient synthesis and photophysical properties of azaindolo[1,2-f]phenanthridines. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1293-1301.	1.5	9
123	Effective quenching and excited-state relaxation of a Cu(I) photosensitizer addressed by time-resolved spectroscopy and TDDFT calculations. <i>Chemical Physics</i> , 2018, 515, 557-563.	0.9	9
124	Biphasic aggregation of a perylene bisimide dye identified by exciton-vibrational spectra. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 25110-25119.	1.3	8
125	Chercher de l'eau: The switching mechanism of the rotary switch ethyl-2-(2-(quinolin-8-yl)hydrazono)-2-(pyridin-2-yl)acetate. <i>Computational Materials Science</i> , 2020, 177, 109570.	1.4	8
126	Fluence-dependent dynamics of localized excited species in monolayer versus bulk $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Mo} \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$.	1.1	8
	<i>Physical Review B</i> , 2021, 103, .		

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127	Carrier-envelope phase fluctuations of amplified femtosecond pulses: characterization with a simple spatial interference setup. <i>Applied Physics B: Lasers and Optics</i> , 2003, 77, 129-132.	1.1	7
128	Analyzing ultrafast multiplex coherent anti-Stokes Raman spectra with picosecond probing. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 359-368.	1.2	7
129	Recombination dynamics of optically excited charge carriers in bulk MoS ₂ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 194003.	0.6	7
130	Synthesis of furo[3,2- <i>b</i> :4,5- <i>b'</i>]diindoles and their optical and electrochemical properties. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6543-6551.	1.5	7
131	New Dunham coefficients of the A 1 Σ^+ -State of NaH and NaD. <i>Zeitschrift für Physik D-Atoms Molecules and Clusters</i> , 1996, 38, 35-40.	1.0	5
132	Focus on correlation effects in radiation fields. <i>New Journal of Physics</i> , 2013, 15, 065015.	1.2	5
133	Improving the Time Resolution for Remote Control of Enzyme Activity by a Nanosecond Laser-Induced pH Jump. <i>ChemCatChem</i> , 2014, 6, 3511-3517.	1.8	5
134	Mapping Long-Lived Dark States in Copper Porphyrin Nanostructures. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16977-16984.	1.5	5
135	Photoisomerization of a phosphorus-based biradicaloid: ultrafast dynamics through a conical intersection. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 7434-7441.	1.3	5
136	Site-Selective Real-Time Observation of Bimolecular Electron Transfer in a Photocatalytic System Using Edge X-Ray Absorption Spectroscopy**. <i>ChemPhysChem</i> , 2021, 22, 693-700.	1.0	5
137	ULTRAFAST EXCITED STATE PROTON TRANSFER: REACTIVE DYNAMICS BY MULTIDIMENSIONAL WAVEPACKET MOTION. , 2002, , .		5
138	Benzothiazol picolin/isonicotinamides molecular switches: Expectations and reality. <i>Journal of Molecular Liquids</i> , 2022, 356, 118968.	2.3	5
139	Symmetry breaking wavepacket motion and absence of deuterium isotope effect in ultrafast excited state proton transfer. , 2004, , 193-196.		4
140	Rare-Earth Metal Tetracyanidoborate Hydrate Salts: Structural, Spectral, and Thermal Properties as well as the Luminescence of Dehydrated Salts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1495-1502.	0.6	4
141	Suzuki-Miyaura Reactions of 2,7-Dichloro-1,8-naphthyridine. <i>Synlett</i> , 2013, 24, 359-362.	1.0	3
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