Friedrich Temps

List of Publications by Year
in descending order

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43	1,785	279798	265206
papers	citations	23 h-index	42 g-index

44	44	44	1871
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Highly Efficient ReversibleZâ^'EPhotoisomerization of a Bridged Azobenzene with Visible Light through Resolved S₁(nï€*) Absorption Bands. Journal of the American Chemical Society, 2009, 131, 15594-15595.	13.7	445
2	Photofragment velocity map imaging of H atom elimination in the first excited state of pyrrole. Physical Chemistry Chemical Physics, 2003, 5, 315-320.	2.8	128
3	Ultrafast Electronic Relaxation in Guanosine is Promoted by Hydrogen Bonding with Cytidine. Journal of the American Chemical Society, 2007, 129, 9272-9273.	13.7	113
4	Photodissociation dynamics of pyrrole: Evidence for mode specific dynamics from conical intersections. Faraday Discussions, 2004, 127, 267.	3.2	105
5	Femtosecond fluorescence up-conversion spectroscopy of adenine and adenosine: experimental evidence for the ï€ï*f* state?. Chemical Physics, 2005, 313, 199-212.	1.9	93
6	Superior Z â†' E and E â†' Z photoswitching dynamics of dihydrodibenzodiazocine, a bridged azobenzene, by S₁(nï€*) excitation at Î» = 387 and 490 nm. Physical Chemistry Chemical Physics, 2011, 13, 1054-1063.	2.8	86
7	Femtosecond fluorescence up-conversion spectroscopy of a rotation-restricted azobenzene after excitation to the S1state. Physical Chemistry Chemical Physics, 2005, 7, 1985-1989.	2.8	58
8	Unimolecular dissociation dynamics of highly vibrationally excited DCO(Xì*f*â€‰2A). II. Calculation of resonance energies and widths and comparison with high-resolution spectroscopic data. Journal of Chemical Physics, 1997, 106, 5359-5378.	3.0	56
9	Unimolecular dissociation dynamics of highly vibrationally excited DCO(Xì*f*â€‰2A). I. Investigation of dissociative resonance states by stimulated emission pumping spectroscopy. Journal of Chemical Physics, 1997, 106, 5333-5358.	3.0	54
10	Ultraviolet Absorption Induces Hydrogenâ€Atom Transfer in Gâ‹…C Watsonâ€“Crick DNA Base Pairs in Solution. Angewandte Chemie - International Edition, 2015, 54, 14719-14722.	13.8	54
11	Ultrashort Fluorescence Lifetimes of Hydrogen-Bonded Base Pairs of Guanosine and Cytidine in Solution. Journal of Physical Chemistry B, 2009, 113, 16365-16376.	2.6	46
12	Ultrafast electronic deactivation dynamics of the rare natural nucleobase hypoxanthine. Chemical Physics Letters, 2012, 536, 140-146.	2.6	39
13	Parallel ultrafast Eâ€“C ring closure and Eâ€“Z isomerisation in a photochromic furylfulgide studied by femtosecond time-resolved spectroscopy. Physical Chemistry Chemical Physics, 2009, 11, 5952.	2.8	35
14	Probing the excited state relaxation dynamics of pyrimidine nucleosides in chloroform solution. Faraday Discussions, 2016, 194, 683-708.	3.2	31
15	Enhanced photoswitching and ultrafast dynamics in structurally modified photochromic fulgides. International Reviews in Physical Chemistry, 2013, 32, 1-38.	2.3	30
16	Ultrafast dynamics of the ESIPT photoswitch N-(3-pyridinyl)-2-pyridinecarboxamide. Physical Chemistry Chemical Physics, 2018, 20, 2646-2655.	2.8	29
17	Ultrafast transient absorption spectroscopy of the photo-induced Zâ€“E isomerization of a photochromic furylfulgide. Chemical Physics Letters, 2006, 428, 62-67.	2.6	28
18	Sequential photoisomerisation dynamics of the push-pull azobenzene Disperse Red 1. Photochemical and Photobiological Sciences, 2012, 11, 1210-1219.	2.9	28

#	Article	IF	Citations
19	Ultrafast nonradiative dynamics in electronically excited hexafluorobenzene by femtosecond time-resolved mass spectrometry. Journal of Chemical Physics, 2008, 128, 164314.	3.0	27
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#	Article	IF	Citations
37	Note: Energy calibration of a femtosecond photoelectron imaging detector with correction for the ponderomotive shift of atomic ionization energies. Review of Scientific Instruments, 2017, 88, 046101.	1.3	6
38	Real-time observation of multi-mode vibronic coherence in pentafluoropyridine. Journal of Chemical Physics, 2017, 147, 013938.	3.0	5
39	Resonance dynamics of DCO (Xì ƒâ€‰Aâ€²2) simulated with the dynamically pruned discrete variable representation (DP-DVR). Journal of Chemical Physics, 2018, 148, 204309.	3.0	4
40	Rotational state-dependent mixings between resonance states of vibrationally highly excited DCO (Xì ƒâ€Š2Aâ€²). Journal of Chemical Physics, 2004, 120, 10530-10542.	3.0	3
41	Efficient intersystem crossing in 2-aminopurine riboside probed by femtosecond time-resolved transient vibrational absorption spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 20033-20042.	2.8	3
42	Ultrafast Electronic Deactivation Dynamics of Xanthosine Monophosphate. Molecules, 2017, 22, 160.	3.8	2
43	Long-lived Excited States in 7- and 9-Methylpurine Probed by fs Time-Resolved Vibrational Absorption Spectroscopy. , 2020, , .		0