

Wai-Ming Kwok

List of Publications by Year in descending order

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143
papers

7,548
citations

46918

47
h-index

58464

82
g-index

149
all docs

149
docs citations

149
times ranked

8587
citing authors

#	ARTICLE	IF	CITATIONS
1	Defects in ZnO Nanorods Prepared by a Hydrothermal Method. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20865-20871.	1.2	706
2	Defect emissions in ZnO nanostructures. <i>Nanotechnology</i> , 2007, 18, 095702.	1.3	618
3	A highly sensitive ultraviolet sensor based on a facile in situ solution-grown ZnO nanorod/graphene heterostructure. <i>Nanoscale</i> , 2011, 3, 258-264.	2.8	273
4	A graphene dispersed CdS ₂ nanocrystal ensemble for cooperative photocatalytic hydrogen production from water. <i>Chemical Communications</i> , 2014, 50, 1185-1188.	2.2	212
5	A Doorway State Leads to Photostability or Triplet Photodamage in Thymine DNA. <i>Journal of the American Chemical Society</i> , 2008, 130, 5131-5139.	6.6	190
6	Triplet MLCT Photosensitization of the Ring-Closing Reaction of Diarylethenes by Design and Synthesis of a Photochromic Rhenium(I) Complex of a Diarylethene-Containing 1,10-Phenanthroline Ligand. <i>Chemistry - A European Journal</i> , 2006, 12, 5840-5848.	1.7	164
7	Fluorescence suppression in resonance Raman spectroscopy using a high-performance picosecond Kerr gate. <i>Journal of Raman Spectroscopy</i> , 2001, 32, 983-988.	1.2	158
8	Strongly Luminescent Gold(III) Complexes with Long-Lived Excited States: High Emission Quantum Yields, Energy Up-Conversion, and Nonlinear Optical Properties. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6648-6652.	7.2	158
9	Femtosecond Time- and Wavelength-Resolved Fluorescence and Absorption Spectroscopic Study of the Excited States of Adenosine and an Adenine Oligomer. <i>Journal of the American Chemical Society</i> , 2006, 128, 11894-11905.	6.6	155
10	Light-emitting platinum(II) complexes supported by tetradentate dianionic bis(N-heterocyclic carbene) ligands: towards robust blue electrophosphors. <i>Chemical Science</i> , 2013, 4, 2630.	3.7	152
11	Development of a Broadband Picosecond Infrared Spectrometer and its Incorporation into an Existing Ultrafast Time-Resolved Resonance Raman, UV/Visible, and Fluorescence Spectroscopic Apparatus. <i>Applied Spectroscopy</i> , 2003, 57, 367-380.	1.2	147
12	Water-Soluble Mitochondria-Specific Ytterbium Complex with Impressive NIR Emission. <i>Journal of the American Chemical Society</i> , 2011, 133, 20120-20122.	6.6	141
13	Luminescent zinc(II) and copper(I) complexes for high-performance solution-processed monochromic and white organic light-emitting devices. <i>Chemical Science</i> , 2015, 6, 4623-4635.	3.7	133
14	Highly luminescent palladium(II) complexes with sub-millisecond blue to green phosphorescent excited states. Photocatalysis and highly efficient PSF-OLEDs. <i>Chemical Science</i> , 2016, 7, 6083-6098.	3.7	112
15	Organic Triplet Excited States of Gold(I) Complexes with Oligo(oxo- or thioether) ligands. <i>Journal of the American Chemical Society</i> , 2011, 133, 14120-14135.	6.6	101
16	Strongly Phosphorescent Palladium(II) Complexes of Tetradentate Ligands with Mixed Oxygen, Carbon, and Nitrogen Donor Atoms: Photophysics, Photochemistry, and Applications. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11775-11779.	7.2	100
17	Time-resolved photoluminescence from ZnO nanostructures. <i>Applied Physics Letters</i> , 2005, 87, 223111.	1.5	95
18	Influence of annealing on stimulated emission in ZnO nanorods. <i>Applied Physics Letters</i> , 2006, 89, 183112.	1.5	95

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19	A Determination of the Structure of the Intramolecular Charge Transfer State of 4-Dimethylaminobenzonitrile (DMABN) by Time-Resolved Resonance Raman Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2001, 105, 984-990.	1.1	94
20	Solvation and solvent effects on the short-time photodissociation dynamics of CH ₂ I ₂ from resonance Raman spectroscopy. <i>Journal of Chemical Physics</i> , 1996, 104, 2529-2540.	1.2	87
21	Luminescent Cyclometalated Platinum(II) Complex Forms Emissive Intercalating Adducts with Double-stranded DNA and RNA: Differential Emissions and Anticancer Activities. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10119-10123.	7.2	86
22	A strong two-photon induced phosphorescent Golgi-specific in vitro marker based on a heteroleptic iridium complex. <i>Chemical Communications</i> , 2012, 48, 2525.	2.2	85
23	Time-resolved photoluminescence study of the stimulated emission in ZnO nanoneedles. <i>Applied Physics Letters</i> , 2005, 87, 093108.	1.5	83
24	Ultrafast Time-Resolved Study of Photophysical Processes Involved in the Photodeprotection of p-Hydroxyphenacyl Caged Phototrigger Compounds. <i>Journal of the American Chemical Society</i> , 2005, 127, 1463-1472.	6.6	82
25	Design and Synthesis of Bipyridine Platinum(II) Bisalkynyl Fullerene Donor-Acceptor Triads with Ultrafast Charge Separation. <i>Journal of the American Chemical Society</i> , 2014, 136, 10041-10052.	6.6	82
26	Direct Observation of a Hydrogen-Bonded Charge-Transfer State of 4-Dimethylaminobenzonitrile in Methanol by Time-Resolved IR Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1826-1830.	7.2	81
27	A Theoretical Investigation into the Luminescent Properties of d ⁸ -Transition-Metal Complexes with Tetradentate Schiff Base Ligands. <i>Chemistry - A European Journal</i> , 2014, 20, 6433-6443.	1.7	80
28	Picosecond Time-Resolved Study of 4-Dimethylaminobenzonitrile in Polar and Nonpolar Solvents. <i>Journal of Physical Chemistry A</i> , 2000, 104, 4188-4197.	1.1	79
29	Ultrafast Time-Resolved Transient Absorption and Resonance Raman Spectroscopy Study of the Photodeprotection and Rearrangement Reactions of p-Hydroxyphenacyl Caged Phosphates. <i>Journal of the American Chemical Society</i> , 2006, 128, 2558-2570.	6.6	77
30	Excited States of 4-Aminobenzonitrile (ABN) and 4-Dimethylaminobenzonitrile (DMABN): Time-resolved Resonance Raman, Transient Absorption, Fluorescence, and ab Initio Calculations. <i>Journal of Physical Chemistry A</i> , 2002, 106, 3294-3305.	1.1	75
31	Solvation effects and short-time photodissociation dynamics of CH ₂ I ₂ in solution from resonance Raman spectroscopy. <i>Chemical Physics Letters</i> , 1995, 235, 260-267.	1.2	67
32	Remarkable effects of solvent and substitution on the photo-dynamics of cytosine: a femtosecond broadband time-resolved fluorescence and transient absorption study. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19045-19057.	1.3	63
33	A Triphenylphosphonium-Functionalised Cyclometalated Platinum(II) Complex as a Nucleolus-Specific Two-Photon Molecular Dye. <i>Chemistry - A European Journal</i> , 2010, 16, 3942-3950.	1.7	62
34	Picosecond time-resolved resonance Raman observation of the iso-CH ₂ I photoproduct from the photoisomerization-reaction of diiodomethane in the solution phase. <i>Journal of Chemical Physics</i> , 2000, 113, 7471-7478.	1.2	59
35	Green and Red Three-Photon Upconversion from Polymeric Lanthanide(III) Complexes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4659-4662.	7.2	59
36	Terbium Luminescence Sensitized through Three-Photon Excitation in a Self-Assembled Unlinked Antenna. <i>Journal of Physical Chemistry B</i> , 2007, 111, 10858-10861.	1.2	59

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37	Synthesis, Light-Emitting, and Two-Photon Absorption Properties of Platinum-Containing Poly(arylene-ethynylene)s Linked by 1,3,4-Oxadiazole Units. <i>Macromolecules</i> , 2010, 43, 7936-7949.	2.2	59
38	Impressive Europium Red Emission Induced by Two-Photon Excitation for Biological Applications. <i>Inorganic Chemistry</i> , 2011, 50, 5309-5311.	1.9	58
39	Water-Catalyzed Dehalogenation Reactions of Isobromoform and Its Reaction Products. <i>Journal of the American Chemical Society</i> , 2004, 126, 3119-3131.	6.6	56
40	Short-time photodissociation dynamics of A-band and B-band bromiodomethane in solution: An examination of bond selective electronic excitation. <i>Journal of Chemical Physics</i> , 1996, 105, 5842-5857.	1.2	55
41	Time-resolved study of stimulated emission in ZnO tetrapod nanowires. <i>Nanotechnology</i> , 2005, 16, 579-582.	1.3	54
42	Disordered layers on WO ₃ nanoparticles enable photochemical generation of hydrogen from water. <i>Journal of Materials Chemistry A</i> , 2019, 7, 221-227.	5.2	54
43	Simultaneous Observation of Green Multiphoton Upconversion and Red and Blue NLO Processes from Polymeric Terbium(III) Complexes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3436-3439.	7.2	53
44	Bright and Dark Excited States of an Alternating AT Oligomer Characterized by Femtosecond Broadband Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11527-11534.	1.2	53
45	Cu ₂ ZnSnS ₄ /MoS ₂ -Reduced Graphene Oxide Heterostructure: Nanoscale Interfacial Contact and Enhanced Photocatalytic Hydrogen Generation. <i>Scientific Reports</i> , 2017, 7, 39411.	1.6	53
46	Resonance Raman Investigation of the MLCT Transition in [Pt(dppm) ₂ (PhC≡C) ₂] and the MMLCT Transition in [Pt(¹ / ₄ -dppm) ₂ (¹ / ₄ -PhC≡C)(PhC≡C) ₂] ⁺ . <i>Journal of Physical Chemistry A</i> , 1997, 101, 9286-9295.	1.1	49
47	Syntheses, Photophysics, and Fluxional Properties of Luminescent A-Frame Diplatinum(II) Acetylide Complexes. <i>Organometallics</i> , 1998, 17, 2590-2596.	1.1	47
48	Tuning from π, π^* to Charge-Transfer Excited States in Styryl-Substituted Terthiophenes: An Ultrafast and Steady-State Emission Study. <i>Journal of Physical Chemistry A</i> , 2006, 110, 7696-7702.	1.1	47
49	$4f \rightarrow 5d$ transitions of Pr ³⁺ in elpasolite lattices. <i>Physical Review B</i> , 2003, 67, .	1.1	44
50	Early-time photodissociation dynamics of chloriodomethane in the A-band and absorption from resonance Raman intensity analysis. <i>Journal of Chemical Physics</i> , 1996, 104, 9816-9832.	1.2	43
51	Time-Resolved Resonance Raman Identification and Structural Characterization of a Light Absorbing Transient Intermediate in the Photoinduced Reaction of Benzophenone in 2-Propanol. <i>Journal of Organic Chemistry</i> , 2007, 72, 7148-7156.	1.7	41
52	Picosecond time-resolved resonance Raman observation of the iso-CH ₂ Cl ⁻ I and iso-CH ₂ I ⁻ Cl photoproducts from the photoisomerization reactions of CH ₂ ICl in the solution phase. <i>Journal of Chemical Physics</i> , 2001, 114, 7536-7543.	1.2	39
53	Investigation of Bond-Selective Electronic Excitation in Bromiodomethane. <i>The Journal of Physical Chemistry</i> , 1995, 99, 15705-15708.	2.9	38
54	Time-resolved resonance Raman spectra of the intramolecular charge transfer state of DMABN. <i>Chemical Physics Letters</i> , 2000, 322, 395-400.	1.2	38

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55	Solvation Effects on the A-Band Photodissociation of Dibromomethane: Turning a Photodissociation into a Photoisomerization. <i>Journal of Physical Chemistry A</i> , 2000, 104, 10464-10470.	1.1	38
56	Stimulated Emission in ZnO Nanostructures: A Time-Resolved Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 19228-19233.	1.2	38
57	Time-Resolved Resonance Raman Observation of the 2-Fluorenylnitrenium Ion Reaction with Guanosine to Form a C8 Intermediate. <i>Journal of the American Chemical Society</i> , 2005, 127, 8246-8247.	6.6	37
58	Solvent effects on the charge transfer excited states of 4-dimethylaminobenzonitrile (DMABN) and 4-dimethylamino-3,5-dimethylbenzonitrile (TMABN) studied by time-resolved infrared spectroscopy: a direct observation of hydrogen bonding interactions. <i>Photochemical and Photobiological Sciences</i> , 2007, 6, 987-994.	1.6	36
59	A lysosome-specific two-photon phosphorescent binuclear cyclometalated platinum(II) probe for in vivo imaging of live neurons. <i>Chemical Communications</i> , 2014, 50, 4161.	2.2	35
60	Deciphering Photoluminescence Dynamics and Reactivity of the Luminescent Metal-Metal-Bonded Excited State of a Binuclear Gold(I) Phosphine Complex Containing Open Coordination Sites. <i>Chemistry - A European Journal</i> , 2015, 21, 13888-13893.	1.7	35
61	Further time-resolved spectroscopic investigations on the intramolecular charge transfer state of 4-dimethylaminobenzonitrile (DMABN) and its derivatives, 4-diethylaminobenzonitrile (DEABN) and 4-dimethylamino-3,5-dimethylbenzonitrile (TMABN) Dedicated to Professor Dr Z. R. Grabowski and Professor Dr J. Wirz on the occasions of their 75th and 60th birthdays. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 1043-1050.	1.3	34
62	Synthesis of Coumarin-Appended Pyridyl Tricarbonylrhenium(I) 2,2'-Bipyridyl Complexes with Oligoether Spacer and Their Fluorescence Resonance Energy Transfer Studies. <i>Organometallics</i> , 2009, 28, 1620-1630.	1.1	33
63	Picosecond time-resolved resonance Raman observation of Iso-CH ₂ Br following A-band photodissociation of CH ₂ BrI in the solution phase. <i>Chemical Physics Letters</i> , 2001, 341, 292-298.	1.2	32
64	Time-Resolved Resonance Raman and Density Functional Theory Study of Hydrogen-Bonding Effects on the Triplet State of p-Methoxyacetophenone. <i>Journal of Physical Chemistry A</i> , 2005, 109, 3454-3469.	1.1	32
65	The solvent effect and identification of a weakly emissive state in nonradiative dynamics of guanine nucleosides and nucleotides: a combined femtosecond broadband time-resolved fluorescence and transient absorption study. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 1351-1365.	1.6	31
66	Direct observation of an isopolyhalomethane O-H insertion reaction with water: Picosecond time-resolved resonance Raman (ps-TR3) study of the isobromoform reaction with water to produce a CHBr ₂ OH product. <i>Journal of Chemical Physics</i> , 2004, 120, 3323-3332.	1.2	30
67	Photochemistry of Iodoform in Methanol: Formation and Fate of the Iso-CHI ₂ Photoproduct. <i>ChemPhysChem</i> , 2009, 10, 1895-1900.	1.0	29
68	Time-Resolved Study of the Triplet State of 4-dimethylaminobenzonitrile (DMABN). <i>Journal of Physical Chemistry A</i> , 2001, 105, 4648-4652.	1.1	28
69	Are Adenine Strands Helical H-Aggregates?. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11812-11816.	1.2	28
70	Vibrational reorganizational energies of the MLCT transition in Pt(dppm) ₂ (PhC≡C) ₂ and the MMLCT transition in [Pt ₂ (1/4-dppm) ₂ (1/4-PhC≡C)(PhC≡C) ₂] ⁺ . <i>Chemical Physics Letters</i> , 1996, 262, 699-708.	1.2	26
71	Study of excitonic emission in highly faceted ZnO rods. <i>Chemical Physics Letters</i> , 2005, 412, 141-144.	1.2	26
72	A Time-Resolved Spectroscopic Study of the Bichromophoric Phototrigger 3,5-Dimethoxybenzoic Diethyl Phosphate: Interaction Between the Two Chromophores Determines the Reaction Pathway. <i>Chemistry - A European Journal</i> , 2010, 16, 5102-5118.	1.7	26

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73	Isopolyhalomethanes: Their Formation, Structures, Properties and Cyclopropanation Reactions with Olefins. <i>Current Organic Chemistry</i> , 2004, 8, 739-755.	0.9	26
74	Time-Resolved Resonance Raman Study of the Triplet States of p-Hydroxyacetophenone and the p-Hydroxyphenacyl Diethyl Phosphate Phototrigger Compound. <i>Journal of Organic Chemistry</i> , 2004, 69, 6641-6657.	1.7	25
75	Ligand π -conjugation dictated intersystem crossing in phenyleneethynylene gold(I) complexes. <i>Chemical Science</i> , 2012, 3, 1883.	3.7	24
76	Luminescent Cyclometalated Platinum(II) Complex Forms Emissive Intercalating Adducts with Double-stranded DNA and RNA: Differential Emissions and Anticancer Activities. <i>Angewandte Chemie</i> , 2014, 126, 10283-10287.	1.6	24
77	Time-Resolved Resonance Raman Study of the Triplet State of the p-Hydroxyphenacyl Acetate Model Phototrigger Compound. <i>Journal of Physical Chemistry B</i> , 2004, 108, 9264-9276.	1.2	23
78	5-(Dimethylamino)-N-(4-ethynylphenyl)-1-naphthalenesulfonamide as a novel bifunctional antitumor agent and two-photon induced bio-imaging probe. <i>Chemical Communications</i> , 2010, 46, 3538.	2.2	23
79	Solvent effects on the photophysical and photochemical properties of (E,E)-1,6-bis(4-nitrophenyl)hexa-1,3,5-triene. <i>Perkin Transactions II RSC</i> , 2001, , 308-314.	1.1	22
80	Water-Catalyzed α -H Insertion/Hi Elimination Reactions of Isodihalomethanes (CH_2X^i , Where X = Cl, I) of Physical Chemistry A, 2005, 109, 981-998.	1.1	22
81	Time-Resolved Resonance Raman and Density Functional Theory Study of the Deprotonation Reaction of the Triplet State of p-Hydroxyacetophenone in Water Solution. <i>Journal of Organic Chemistry</i> , 2005, 70, 8661-8675.	1.7	22
82	Femtosecond Transient Absorption and Nanosecond Time-Resolved Resonance Raman Study of the Solvent-Dependent Photo-Deprotection Reaction of Benzoin Diethyl Phosphate. <i>Chemistry - A European Journal</i> , 2007, 13, 2290-2305.	1.7	22
83	Organic Nanoclusters on Inorganic Nanostructures for Tailoring the Emission Properties of Organic Materials. <i>Advanced Functional Materials</i> , 2008, 18, 566-574.	7.8	22
84	Real-time Monitoring Excitation Dynamics of Human Telomeric Guanine Quadruplexes: Effect of Folding Topology, Metal Cation, and Confinement by Nanocavity Water Pool. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 7577-7585.	2.1	22
85	Time-resolved resonance Raman study of 1-cis-stilbene and its deuterated isotopomers. <i>Journal of Raman Spectroscopy</i> , 2003, 34, 886-891.	1.2	21
86	Efficient dehalogenation of polyhalomethanes and production of strong acids in aqueous environments: Water-catalyzed α -H-insertion and HI-elimination reactions of isodiiodomethane (CH_2I^i) with water. <i>Journal of Chemical Physics</i> , 2004, 120, 9017-9032.	1.2	21
87	Ultrafast spectroscopy of stimulated emission in single ZnO tetrapod nanowires. <i>Nanotechnology</i> , 2006, 17, 244-249.	1.3	21
88	Direct Observation of the 2-Fluorenylnitrene and 4-Methoxyphenylnitrene Reactions with Water Using Picosecond Kerr-Gated Time-Resolved Resonance Raman Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2004, 108, 19068-19075.	1.2	20
89	A Theoretical Investigation of p-Hydroxyphenacyl Caged Phototrigger Compounds: An Examination of the Excited State Photochemistry of p-Hydroxyphenacyl Acetate. <i>Journal of Physical Chemistry A</i> , 2006, 110, 12406-12413.	1.1	20
90	Breaking the 1,2-HOPO barrier with a cyclen backbone for more efficient sensitization of Eu(III) luminescence and unprecedented two-photon excitation properties. <i>Chemical Science</i> , 2019, 10, 4550-4559.	3.7	20

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91	Short-time photodissociation dynamics of chloriodomethane in solution from resonance Raman spectroscopy. <i>Chemical Physics Letters</i> , 1995, 241, 267-274.	1.2	19
92	Vibrational studies of ground state 4-dimethylaminobenzonitrile (DMABN) and its ring deuterated isotopomer DMABN-d4. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 2424-2432.	1.3	19
93	Picosecond Time-Resolved Resonance Raman Study of CH ₂ I [•] I Produced after Ultraviolet Photolysis of CH ₂ I ₂ in CH ₃ OH, CH ₃ CN/H ₂ O and CH ₃ OH/H ₂ O Solutions. <i>Journal of Physical Chemistry A</i> , 2003, 107, 2624-2628.	1.1	19
94	Excitation-Wavelength-Dependent and Auxiliary-Ligand-Tuned Intersystem-Crossing Efficiency in Cyclometalated Platinum(II) Complexes: Spectroscopic and Theoretical Studies. <i>Inorganic Chemistry</i> , 2020, 59, 14654-14665.	1.9	19
95	Water-Catalyzed Dehalogenation Reactions of the Isomer of CBr ₄ and Its Reaction Products and a Comparison to Analogous Reactions of the Isomers of Di- and Trihalomethanes. <i>Chemistry - A European Journal</i> , 2005, 11, 1093-1108.	1.7	18
96	The synthesis and photophysical studies of cyclometalated Pt(II) complexes with C,N,N-ligands containing imidazolyl donors. <i>Dalton Transactions</i> , 2012, 41, 1792-1800.	1.6	18
97	Observation of a HI leaving group following ultraviolet photolysis of CH ₂ I ₂ in water and anab initioinvestigation of the O [•] H insertion/HI elimination reactions of the CH ₂ I [•] I isopolyhalomethane species with H ₂ O and 2H ₂ O. <i>Journal of Chemical Physics</i> , 2003, 119, 4671-4681.	1.2	17
98	Time-resolved resonance Raman and density functional theory study of the photochemistry of 4-ethylbenzoylpyridine in acetonitrile and 2-propanol. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 503-514.	1.2	17
99	Ultraviolet emission and crystal field analysis for Er ³⁺ in Cs ₂ NaErCl ₆ . <i>Physical Review B</i> , 2002, 66, .	1.1	16
100	Ultraviolet Photolysis of CH ₂ I ₂ in Methanol: O [•] H Insertion and HI Elimination Reactions To Form a Dimethoxymethane Product. <i>Journal of Physical Chemistry A</i> , 2005, 109, 1247-1256.	1.1	16
101	A Theoretical Investigation of <i>p</i> -Hydroxyphenacyl Caged Phototrigger Compounds: How Water Induces the Photodeprotection and Subsequent Rearrangement Reactions. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11832-11842.	1.2	16
102	A long lasting sunscreen controversy of 4-aminobenzoic acid and 4-dimethylaminobenzaldehyde derivatives resolved by ultrafast spectroscopy combined with density functional theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 8006-8020.	1.3	16
103	Resonance Raman study of ring deuterated 4-dimethylaminobenzonitrile (DMABN-d ₄): the ground, ICT and triplet states. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2001, 142, 177-185.	2.0	15
104	Luminescence from the 3P ₂ State of Tm ³⁺ . <i>Journal of Physical Chemistry B</i> , 2002, 106, 3606-3611.	1.2	15
105	Femtosecond broadband time-resolved fluorescence and transient absorption study of the intramolecular charge transfer state of methyl 4-dimethylaminobenzoate. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 16306.	1.3	15
106	A New Class of Tunable Heterojunction by using Two Support Materials for the Synthesis of Supported Bimetallic Catalysts. <i>ChemCatChem</i> , 2015, 7, 230-235.	1.8	15
107	Synthesis and photoinduced electron transfer in platinum(II) bis(N-(4-ethynylphenyl)carbazole)bipyridine fullerene complexes. <i>Dalton Transactions</i> , 2014, 43, 17624-17634.	1.6	14
108	Femtosecond photodissociation dynamics of nitroethane and 1-nitropropane in the gas and solution phases from resonance Raman intensity analysis. <i>Molecular Physics</i> , 1996, 88, 517-531.	0.8	13

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109	Gas-phase chloriodomethane short-time photodissociation dynamics in the A-band absorption and a comparison with the solution phase short-time photodissociation dynamics. <i>Molecular Physics</i> , 1997, 90, 315-326.	0.8	13
110	Time-resolved spectroscopy study of the triplet state of 4-diethylaminobenzonitrile (DEABN). <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 3643.	1.3	12
111	Comparison of the Dehalogenation of Dihalomethanes (CH ₂ XI, where X = Cl, Br, I) Following Ultraviolet Photolysis in Aqueous and NaCl Saltwater Environments. <i>Journal of Physical Chemistry A</i> , 2005, 109, 5872-5882.	1.1	12
112	Nonradiative dynamics determined by charge transfer induced hydrogen bonding: a combined femtosecond time-resolved fluorescence and density functional theoretical study of methyl dimethylaminobenzoate in water. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 1240-1251.	1.3	12
113	Comparison of the dehalogenation of polyhalomethanes and production of strong acids in aqueous and salt (NaCl) water environments: Ultraviolet photolysis of CH ₂ I ₂ . <i>Journal of Chemical Physics</i> , 2004, 121, 8399.	1.2	11
114	Organoplatinum(II) Complexes with Chromophore-acceptor Dyad Studied by Ultrafast Time-resolved Absorption Spectroscopy. <i>Chemistry - an Asian Journal</i> , 2010, 5, 60-65.	1.7	11
115	Targeting DNA Binding for NF- κ B as an Anticancer Approach in Hepatocellular Carcinoma. <i>Cells</i> , 2018, 7, 177.	1.8	11
116	Direct Observation of the 4-Methoxyphenylnitrene Intersystem Crossing from S ₁ to T ₁ Using Picosecond Kerr-Gated Time-Resolved Resonance Raman Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2005, 109, 2394-2400.	1.1	10
117	Observation of Singlet Cycloreversion of Thymine Oxetanes by Direct Photolysis. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11794-11797.	1.2	10
118	Ultrafast time-resolved transient infrared and resonance Raman spectroscopic study of the photo-deprotection and rearrangement reactions of p-hydroxyphenacyl caged phosphates. <i>Faraday Discussions</i> , 0, 145, 171-183.	1.6	10
119	Fluorescence and Ultrafast Fluorescence Unveil the Formation, Folding Molecularity, and Excitation Dynamics of Homo-oligomeric and Human Telomeric motifs at Acidic and Neutral pH. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3706-3717.	1.7	10
120	Gas and solution phase chloriodomethane short-time photodissociation dynamics in the B-band absorption. <i>Chemical Physics Letters</i> , 1997, 270, 506-516.	1.2	9
121	Comment on "Energy transfer and upconversions in cubic Cs ₂ NaYCl ₆ :Er ³⁺ and Cs ₂ NaErCl ₆ ". <i>Physical Review B</i> , 1999, 60, 13902-13904.	1.1	9
122	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 1870-1874.	1.6	9
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