

Wai-Ming Kwok

List of Publications by Year in descending order

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143
papers

7,548
citations

47006

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82
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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. Journal of Physical Chemistry B, 2006, 110, 20865-20871.	2.6	706
2	Defect emissions in ZnO nanostructures. Nanotechnology, 2007, 18, 095702.	2.6	618
3	A highly sensitive ultraviolet sensor based on a facile in situ solution-grown ZnO nanorod/graphene heterostructure. Nanoscale, 2011, 3, 258-264.	5.6	273
4	A graphene dispersed CdS -- MoS $_2$ nanocrystal ensemble for cooperative photocatalytic hydrogen production from water. Chemical Communications, 2014, 50, 1185-1188.	4.1	212
5	A Doorway State Leads to Photostability or Triplet Photodamage in Thymine DNA. Journal of the American Chemical Society, 2008, 130, 5131-5139.	13.7	190
6	Triplet MLCT Photosensitization of the Ring-Closing Reaction of Diarylethenes by Design and Synthesis of a Photochromic Rhenium(I) Complex of a Diarylene-Containing 1,10-Phenanthroline Ligand. Chemistry - A European Journal, 2006, 12, 5840-5848.	3.3	164
7	Fluorescence suppression in resonance Raman spectroscopy using a high-performance picosecond Kerr gate. Journal of Raman Spectroscopy, 2001, 32, 983-988.	2.5	158
8	Strongly Luminescent Gold(III) Complexes with Long-Lived Excited States: High Emission Quantum Yields, Energy Up-Conversion, and Nonlinear Optical Properties. Angewandte Chemie - International Edition, 2013, 52, 6648-6652.	13.8	158
9	Femtosecond Time- and Wavelength-Resolved Fluorescence and Absorption Spectroscopic Study of the Excited States of Adenosine and an Adenine Oligomer. Journal of the American Chemical Society, 2006, 128, 11894-11905.	13.7	155
10	Light-emitting platinum(II) complexes supported by tetradentate dianionic bis(N-heterocyclic carbene) ligands: towards robust blue electrophosphors. Chemical Science, 2013, 4, 2630.	7.4	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. Applied Spectroscopy, 2003, 57, 367-380.	2.2	147
12	Water-Soluble Mitochondria-Specific Ytterbium Complex with Impressive NIR Emission. Journal of the American Chemical Society, 2011, 133, 20120-20122.	13.7	141
13	Luminescent zinc(II) and copper(I) complexes for high-performance solution-processed monochromatic and white organic light-emitting devices. Chemical Science, 2015, 6, 4623-4635.	7.4	133
14	Highly luminescent palladium(II) complexes with sub-millisecond blue to green phosphorescent excited states. Photocatalysis and highly efficient PSF-OLEDs. Chemical Science, 2016, 7, 6083-6098.	7.4	112
15	Organic Triplet Excited States of Gold(I) Complexes with Oligo(oxo- or thioether) Tetraquaterphenyl Ligands. Journal of the American Chemical Society, 2011, 133, 14120-14135.	13.7	101
16	Strongly Phosphorescent Palladium(II) Complexes of Tetradentate Ligands with Mixed Oxygen, Carbon, and Nitrogen Donor Atoms: Photophysics, Photochemistry, and Applications. Angewandte Chemie - International Edition, 2013, 52, 11775-11779.	13.8	100
17	Time-resolved photoluminescence from ZnO nanostructures. Applied Physics Letters, 2005, 87, 223111.	3.3	95
18	Influence of annealing on stimulated emission in ZnO nanorods. Applied Physics Letters, 2006, 89, 183112.	3.3	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.	2.5	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.	3.0	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.	13.8	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.	4.1	85
23	Time-resolved photoluminescence study of the stimulated emission in ZnO nanoneedles. <i>Applied Physics Letters</i> , 2005, 87, 093108.	3.3	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.	13.7	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.	13.7	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.	13.8	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.	3.3	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.	2.5	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.	13.7	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.	2.5	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.	2.6	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.	2.8	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.	3.3	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.	3.0	59
35	Green and Red Three-Photon Upconversion from Polymeric Lanthanide(III) Complexes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4659-4662.	13.8	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.	2.6	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.	4.8	59
38	Impressive Europium Red Emission Induced by Two-Photon Excitation for Biological Applications. <i>Inorganic Chemistry</i> , 2011, 50, 5309-5311.	4.0	58
39	Water-Catalyzed Dehalogenation Reactions of Isobromoform and Its Reaction Products. <i>Journal of the American Chemical Society</i> , 2004, 126, 3119-3131.	13.7	56
40	Short-time photodissociation dynamics of A ⁺ and B ⁺ bromiodomethane in solution: An examination of bond selective electronic excitation. <i>Journal of Chemical Physics</i> , 1996, 105, 5842-5857.	3.0	55
41	Time-resolved study of stimulated emission in ZnO tetrapod nanowires. <i>Nanotechnology</i> , 2005, 16, 579-582.	2.6	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.	10.3	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.	13.8	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.	2.6	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.	3.3	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.	2.5	49
47	Syntheses, Photophysics, and Fluxional Properties of Luminescent A-Frame Diplatinum(II) Acetylide Complexes. <i>Organometallics</i> , 1998, 17, 2590-2596.	2.3	47
48	Tuning from ¹ ππ* 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.	2.5	47
49	4f ⁿ 5d transitions of Pr ³⁺ in elpasolite lattices. <i>Physical Review B</i> , 2003, 67, .	3.2	44
50	Early-time photodissociation dynamics of chloriodomethane in the A ⁺ band absorption from resonance Raman intensity analysis. <i>Journal of Chemical Physics</i> , 1996, 104, 9816-9832.	3.0	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.	3.2	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.	3.0	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.	2.6	38

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55	Solvation Effects on the A-Band Photodissociation of Dibromomethane: Turning a Photodissociation into a Photoisomerization. Journal of Physical Chemistry A, 2000, 104, 10464-10470.	2.5	38
56	Stimulated Emission in ZnO Nanostructures: A Time-Resolved Study. Journal of Physical Chemistry B, 2005, 109, 19228-19233.	2.6	38
57	Time-Resolved Resonance Raman Observation of the 2-Fluorenylnitrenium Ion Reaction with Guanosine to Form a C8 Intermediate. Journal of the American Chemical Society, 2005, 127, 8246-8247.	13.7	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. Photochemical and Photobiological Sciences, 2007, 6, 987-994.	2.9	36
59	A lysosome-specific two-photon phosphorescent binuclear cyclometalated platinum(ii) probe for in vivo imaging of live neurons. Chemical Communications, 2014, 50, 4161.	4.1	35
60	Deciphering Photoluminescence Dynamics and Reactivity of the Luminescent Metal-Bonded Excited State of a Binuclear Gold(I) Phosphine Complex Containing Open Coordination Sites. Chemistry - A European Journal, 2015, 21, 13888-13893.	3.3	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.. Physical Chemistry Chemical Physics, 2003, 5, 1043-1050.	2.8	34
62	Synthesis of Coumarin-Appended Pyridyl Tricarbonylrhenium(I) 2,2'-Bipyridyl Complexes with Oligoether Spacer and Their Fluorescence Resonance Energy Transfer Studies. Organometallics, 2009, 28, 1620-1630.	2.3	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. Chemical Physics Letters, 2001, 341, 292-298.	2.6	32
64	Time-Resolved Resonance Raman and Density Functional Theory Study of Hydrogen-Bonding Effects on the Triplet State of p-Methoxyacetophenone. Journal of Physical Chemistry A, 2005, 109, 3454-3469.	2.5	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. Photochemical and Photobiological Sciences, 2013, 12, 1351-1365.	2.9	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. Journal of Chemical Physics, 2004, 120, 3323-3332.	3.0	30
67	Photochemistry of Iodoform in Methanol: Formation and Fate of the Iso-CHI ₂ Photoproduct. ChemPhysChem, 2009, 10, 1895-1900.	2.1	29
68	Time-Resolved Study of the Triplet State of 4-dimethylaminobenzonitrile (DMABN). Journal of Physical Chemistry A, 2001, 105, 4648-4652.	2.5	28
69	Are Adenine Strands Helical H-Aggregates?. Journal of Physical Chemistry B, 2007, 111, 11812-11816.	2.6	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] ⁺ . Chemical Physics Letters, 1996, 262, 699-708.	2.6	26
71	Study of excitonic emission in highly faceted ZnO rods. Chemical Physics Letters, 2005, 412, 141-144.	2.6	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. Chemistry - A European Journal, 2010, 16, 5102-5118.	3.3	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.	1.6	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.	3.2	25
75	Ligand π -conjugation dictated intersystem crossing in phenyleneethynylene gold(I) complexes. <i>Chemical Science</i> , 2012, 3, 1883.	7.4	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.	2.0	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.	2.6	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.	4.1	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 O^{\sim}H Insertion/HI Elimination Reactions of Isodihalomethanes ($\text{CH}_2\text{X}^{\sim}\text{I}$, Where X = Cl,) <i>Journal of Physical Chemistry A</i> , 2005, 109, 981-998.	2.5	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.	3.2	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.	3.3	22
83	Organic Nanoclusters on Inorganic Nanostructures for Tailoring the Emission Properties of Organic Materials. <i>Advanced Functional Materials</i> , 2008, 18, 566-574.	14.9	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.	4.6	22
85	Time-resolved resonance Raman study of S1 cis-stilbene and its deuterated isotopomers. <i>Journal of Raman Spectroscopy</i> , 2003, 34, 886-891.	2.5	21
86	Efficient dehalogenation of polyhalomethanes and production of strong acids in aqueous environments: Water-catalyzed O^{\sim}H -insertion and HI-elimination reactions of isodiodomethane ($\text{CH}_2\text{I}^{\sim}\text{I}$) with water. <i>Journal of Chemical Physics</i> , 2004, 120, 9017-9032.	3.0	21
87	Ultrafast spectroscopy of stimulated emission in single ZnO tetrapod nanowires. <i>Nanotechnology</i> , 2006, 17, 244-249.	2.6	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.	2.6	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.	2.5	20
90	Breaking the 1,2-HOPO barrier with a cyclen backbone for more efficient sensitization of $\text{Eu}(\text{scp})_3$ luminescence and unprecedented two-photon excitation properties. <i>Chemical Science</i> , 2019, 10, 4550-4559.	7.4	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.	2.6	19
92	Vibrational studies of ground state 4-dimethylaminobenzonitrile (DMABN) and its ring deuterated isotopomer DMABN-d ₄ . <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 2424-2432.	2.8	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.	2.5	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.	4.0	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.	3.3	18
96	The synthesis and photophysical studies of cyclometalated Pt(<i>ii</i>) complexes with C,N,N-ligands containing imidazolyl donors. <i>Dalton Transactions</i> , 2012, 41, 1792-1800.	3.3	18
97	Observation of a HI leaving group following ultraviolet photolysis of CH ₂ I ₂ in water and anab initio investigation 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.	3.0	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.	2.5	17
99	Ultraviolet emission and crystal field analysis for Er ³⁺ in Cs ₂ NaErCl ₆ . <i>Physical Review B</i> , 2002, 66, .	3.2	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.	2.5	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.	2.6	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.	2.8	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.	3.9	15
104	Luminescence from the 3P ₂ State of Tm ³⁺ . <i>Journal of Physical Chemistry B</i> , 2002, 106, 3606-3611.	2.6	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.	2.8	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.	3.7	15
107	Synthesis and photoinduced electron transfer in platinum(<i>ii</i>) bis(N-(4-ethynylphenyl)carbazole)bipyridine fullerene complexes. <i>Dalton Transactions</i> , 2014, 43, 17624-17634.	3.3	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.	1.7	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.	1.7	13
110	Time-resolved spectroscopy study of the triplet state of 4-diethylaminobenzonitrile (DEABN). <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 3643.	2.8	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.	2.5	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.	2.8	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.	3.0	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.	3.3	11
115	Targeting DNA Binding for NF- κ B as an Anticancer Approach in Hepatocellular Carcinoma. <i>Cells</i> , 2018, 7, 177.	4.1	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.	2.5	10
117	Observation of Singlet Cycloreversion of Thymine Oxetanes by Direct Photolysis. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11794-11797.	2.6	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.	3.2	10
119	Fluorescence and Ultrafast Fluorescence Unveil the Formation, Folding Molecularity, and Excitation Dynamics of Homo- and Hetero-Oligomeric and Human Telomeric i-motifs at Acidic and Neutral pH. <i>Chemistry - an Asian Journal</i> , 2018, 13, 3706-3717.	3.3	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.	2.6	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.	3.2	9
122	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 1870-1874.	2.0	9
123	Resonance Raman Spectroscopic and Density Functional Theory Study of Benzoin Diethyl Phosphate. <i>Journal of Physical Chemistry A</i> , 2004, 108, 4047-4058.	2.5	9
124	Time-resolved resonance Raman and density functional theory study of the deprotonation reaction of the triplet state of p-hydroxybenzophenone in mixed acetonitrile/water solutions. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1518-1525.	2.5	9
125	Photophysics and Photodeprotection Reactions of p-Methoxyphenacyl Phototriggers: An Ultrafast and Nanosecond Time-Resolved Spectroscopic and Density Functional Theory Study. <i>Journal of Organic Chemistry</i> , 2010, 75, 5837-5851.	3.2	9
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