

Wai-Ming Kwok

List of Publications by Year in descending order

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143
papers

7,548
citations

46918

47
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58464

82
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149
all docs

149
docs citations

149
times ranked

8587
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual Time-Scale Proton Transfer and High-Energy, Long-Lived Excitons Unveiled by Broadband Ultrafast Time-Resolved Fluorescence in Adenine-Uracil RNA Duplexes. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 302-311.	2.1	7
2	Long living excited state of protonated adenosine unveiled by ultrafast fluorescence spectroscopy and density functional theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 6472-6480.	1.3	2
3	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
4	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
5	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
6	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
7	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
8	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
9	Targeting DNA Binding for NF- κ B as an Anticancer Approach in Hepatocellular Carcinoma. <i>Cells</i> , 2018, 7, 177.	1.8	11
10	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
11	Photoprotection or photodamage: a direct observation of nonradiative dynamics from 2-ethylhexyl 4-dimethylaminobenzoate sunscreen agent. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24796-24806.	1.3	5
12	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
13	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
14	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
15	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
16	A New Class of Tunable Heterojunction by using Two Support Materials for the Synthesis of Supported Bimetallic Catalysts. <i>ChemCatChem</i> , 2015, 7, 173-173.	1.8	0
17	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
18	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

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19	Synthesis and photoinduced electron transfer in platinum(Pt^{II}) bis(N-(4-ethynylphenyl)carbazole)bipyridine fullerene complexes. Dalton Transactions, 2014, 43, 17624-17634.	1.6	14
20	A graphene dispersed CdS/MoS ₂ nanocrystal ensemble for cooperative photocatalytic hydrogen production from water. Chemical Communications, 2014, 50, 1185-1188.	2.2	212
21	A Theoretical Investigation into the Luminescent Properties of d ⁸ -Transition-Metal Complexes with Tetradentate Schiff Base Ligands. Chemistry - A European Journal, 2014, 20, 6433-6443.	1.7	80
22	Luminescent Cyclometalated Platinum(II) Complex Forms Emissive Intercalating Adducts with Double-Stranded DNA and RNA: Differential Emissions and Anticancer Activities. Angewandte Chemie, 2014, 126, 10283-10287.	1.6	24
23	A lysosome-specific two-photon phosphorescent binuclear cyclometalated platinum(II) probe for in vivo imaging of live neurons. Chemical Communications, 2014, 50, 4161.	2.2	35
24	Addition and corrections published 31st October 2013 to 10th July 2014. Chemical Communications, 2014, 50, 9595.	2.2	1
25	Luminescent Cyclometalated Platinum(II) Complex Forms Emissive Intercalating Adducts with Double-Stranded DNA and RNA: Differential Emissions and Anticancer Activities. Angewandte Chemie - International Edition, 2014, 53, 10119-10123.	7.2	86
26	Design and Synthesis of Bipyridine Platinum(II) Bisalkynyl Fullerene Donor-Chromophore-Acceptor Triads with Ultrafast Charge Separation. Journal of the American Chemical Society, 2014, 136, 10041-10052.	6.6	82
27	A reduced electron-extraction barrier at an interface between a polymer poly(3-hexylthiophene) layer and an indium tin oxide layer. Organic Electronics, 2013, 14, 457-463.	1.4	4
28	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.	7.2	100
29	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.	1.6	31
30	GaN/MgO/ZnO heterojunction light-emitting diodes. Thin Solid Films, 2013, 527, 303-307.	0.8	6
31	Light-emitting platinum(II) complexes supported by tetradentate dianionic bis(N-heterocyclic carbene) ligands: towards robust blue electrophosphors. Chemical Science, 2013, 4, 2630.	3.7	152
32	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.	7.2	158
33	A strong two-photon induced phosphorescent Golgi-specific in vitro marker based on a heteroleptic iridium complex. Chemical Communications, 2012, 48, 2525.	2.2	85
34	Ligand π -conjugation dictated intersystem crossing in phenyleneethynylene gold(I) complexes. Chemical Science, 2012, 3, 1883.	3.7	24
35	The synthesis and photophysical studies of cyclometalated Pt(Pt^{II}) complexes with C,N,N-ligands containing imidazolyl donors. Dalton Transactions, 2012, 41, 1792-1800.	1.6	18
36	Charge dynamics in solar cells with a blend of π -conjugated polymer-fullerene studied by transient photo-generated voltage. Physical Chemistry Chemical Physics, 2012, 14, 8397.	1.3	3

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37	Impressive Europium Red Emission Induced by Two-Photon Excitation for Biological Applications. <i>Inorganic Chemistry</i> , 2011, 50, 5309-5311.	1.9	58
38	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
39	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
40	Organic Triplet Excited States of Gold(I) Complexes with Oligo(<i>o</i> - or <i>p</i> -) ETQqO O rgBT /Overlock 10 Tf 50 632 Td (<i>m</i> -phenyl) Studies on Exciton Delocalization and Emission Pathways. <i>Journal of the American Chemical Society</i> , 2011, 133, 14120-14135.	6.6	101
41	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
42	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
43	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
44	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
45	Inside Cover: A Triphenylphosphonium-Functionalised Cyclometalated Platinum(II) Complex as a Nucleolus-Specific Two-Photon Molecular Dye (Chem. Eur. J. 13/2010). <i>Chemistry - A European Journal</i> , 2010, 16, 3868-3868.	1.7	5
46	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
47	Photophysics and Photodeprotection Reactions of <i>p</i> -Methoxyphenacyl Phototriggers: An Ultrafast and Nanosecond Time-Resolved Spectroscopic and Density Functional Theory Study. <i>Journal of Organic Chemistry</i> , 2010, 75, 5837-5851.	1.7	9
48	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
49	Photochemistry of Iodoform in Methanol: Formation and Fate of the <i>iso</i> -CHI ₂ Photoproduct. <i>ChemPhysChem</i> , 2009, 10, 1895-1900.	1.0	29
50	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
51	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
52	Time-resolved resonance Raman and density functional theory study of the photochemistry of 4-benzoylpyridine in acetonitrile and propanol. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 503-514.	1.2	17
53	Time-resolved resonance Raman and density functional theory study of the deprotonation reaction of the triplet state of <i>para</i> -hydroxybenzophenone in mixed acetonitrile/water solutions. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 1518-1525.	1.2	9
54	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

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55	Lasing threshold dependence on excitation pulse duration in ZnO tetrapods. <i>Optical Materials</i> , 2008, 31, 35-38.	1.7	8
56	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
57	Observation of Singlet Cycloreversion of Thymine Oxetanes by Direct Photolysis. <i>Journal of Physical Chemistry B</i> , 2008, 112, 11794-11797.	1.2	10
58	Are Adenine Strands Helical H-Aggregates?. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11812-11816.	1.2	28
59	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
60	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
61	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
62	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
63	Defect emissions in ZnO nanostructures. <i>Nanotechnology</i> , 2007, 18, 095702.	1.3	618
64	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
65	Defects in ZnO Nanorods Prepared by a Hydrothermal Method. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20865-20871.	1.2	706
66	Optical properties of highly faceted ZnO rods. <i>Journal of Applied Physics</i> , 2006, 99, 033517.	1.1	7
67	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
68	A Theoretical Investigation of <i>p</i> -Hydroxyphenacyl Caged Phototrigger Compounds: An Examination of the Excited State Photochemistry of <i>p</i> -Hydroxyphenacyl Acetate. <i>Journal of Physical Chemistry A</i> , 2006, 110, 12406-12413.	1.1	20
69	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
70	Ultrafast Time-Resolved Transient Absorption and Resonance Raman Spectroscopy Study of the Photodeprotection and Rearrangement Reactions of <i>p</i> -Hydroxyphenacyl Caged Phosphates. <i>Journal of the American Chemical Society</i> , 2006, 128, 2558-2570.	6.6	77
71	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
72	Ultrafast spectroscopy of stimulated emission in single ZnO tetrapod nanowires. <i>Nanotechnology</i> , 2006, 17, 244-249.	1.3	21

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73	Influence of annealing on stimulated emission in ZnO nanorods. <i>Applied Physics Letters</i> , 2006, 89, 183112.	1.5	95
74	Study of excitonic emission in highly faceted ZnO rods. <i>Chemical Physics Letters</i> , 2005, 412, 141-144.	1.2	26
75	Stimulated Emission in ZnO Nanostructures: A Time-Resolved Study. <i>Journal of Physical Chemistry B</i> , 2005, 109, 19228-19233.	1.2	38
76	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
77	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
78	Time-resolved photoluminescence from ZnO nanostructures. <i>Applied Physics Letters</i> , 2005, 87, 223111.	1.5	95
79	Time-resolved photoluminescence study of the stimulated emission in ZnO nanoneedles. <i>Applied Physics Letters</i> , 2005, 87, 093108.	1.5	83
80	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
81	Water-Catalyzed O-H Insertion/HI Elimination Reactions of Isodihalomethanes (CH ₂ XI, Where X = Cl, I) of Physical Chemistry A, 2005, 109, 981-998.	1.1	22
82	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
83	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
84	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
85	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
86	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
87	Time-resolved study of stimulated emission in ZnO tetrapod nanowires. <i>Nanotechnology</i> , 2005, 16, 579-582.	1.3	54
88	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
89	Efficient dehalogenation of polyhalomethanes and production of strong acids in aqueous environments: Water-catalyzed O-H-insertion and HI-elimination reactions of isodiiodomethane (CH ₂ I ₂) with water. <i>Journal of Chemical Physics</i> , 2004, 120, 9017-9032.	1.2	21
90	Direct observation of an isopolyhalomethane O-H insertion reaction with water: Picosecond time-resolved resonance Raman (ps-TR ₃) 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

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91	Resonance Raman Spectroscopic and Density Functional Theory Study of Benzoin Diethyl Phosphate. <i>Journal of Physical Chemistry A</i> , 2004, 108, 4047-4058.	1.1	9
92	Green and Red Three-Photon Upconversion from Polymeric Lanthanide(III) Complexes. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4659-4662.	7.2	59
93	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
94	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
95	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
96	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
97	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
98	Isopolyhalomethanes: Their Formation, Structures, Properties and Cyclopropanation Reactions with Olefins. <i>Current Organic Chemistry</i> , 2004, 8, 739-755.	0.9	26
99	Time-resolved resonance Raman study of S ₁ cis-stilbene and its deuterated isotopomers. <i>Journal of Raman Spectroscopy</i> , 2003, 34, 886-891.	1.2	21
100	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 1870-1874.	1.6	9
101	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
102	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
103	Time-resolved spectroscopy study of the triplet state of 4-diethylaminobenzonitrile (DEABN). <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 3643.	1.3	12
104	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
105	Picosecond Time-Resolved Resonance Raman Study of CH ₂ 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
106	Observation of a HI leaving group following ultraviolet photolysis of CH ₂ I ₂ in water and an initial investigation of the O [•] H insertion/HI elimination reactions of the CH ₂ I [•] isopolyhalomethane species with H ₂ O and 2H ₂ O. <i>Journal of Chemical Physics</i> , 2003, 119, 4671-4681.	1.2	17
107	4f ⁿ 5d transitions of Pr ³⁺ in elpasolite lattices. <i>Physical Review B</i> , 2003, 67, .	1.1	44
108	Ultraviolet emission and crystal field analysis for Er ³⁺ in Cs ₂ NaErCl ₆ . <i>Physical Review B</i> , 2002, 66, .	1.1	16

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109	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
110	Luminescence from the 3P2 State of Tm ³⁺ . <i>Journal of Physical Chemistry B</i> , 2002, 106, 3606-3611.	1.2	15
111	Solvent effects on the photophysical and photochemical properties of (E,E,E)-1,6-bis(4-nitrophenyl)hexa-1,3,5-triene. <i>Perkin Transactions II RSC</i> , 2001, , 308-314.	1.1	22
112	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.	1.3	19
113	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
114	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
115	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
116	Time-resolved study of the photochemical reaction of 4-dimethylaminobenzonitrile with carbon tetrachloride. <i>Journal of Raman Spectroscopy</i> , 2001, 32, 115-123.	1.2	6
117	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
118	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
119	Picosecond time-resolved resonance Raman observation of the iso-CH ₂ Cl and iso-CH ₂ I photoproducts from the photoisomerization reactions of CH ₂ ClI in the solution phase. <i>Journal of Chemical Physics</i> , 2001, 114, 7536-7543.	1.2	39
120	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
121	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
122	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
123	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
124	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
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