Yuan-Pern Lee

List of Publications by Year
in descending order

302	6,953	87401 40	156644 58
papers	citations	h-index	g-index

303	303	303	4998
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Formation reaction mechanism and infrared spectra of anti-trans-methacrolein oxide and its associated precursor and adduct radicals. Communications Chemistry, 2022, 5, .	2.0	8
2	Infrared Spectra of 1-Quinolinium (C₉H₇NH⁺) Cation and Quinolinyl Radicals (C₉H₇NH and 3-, 4-, 7-, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (8-HC<sub>9</s Chemistry A, 2022, 126, 2361-2372.	1.1	4
3	A chemical link between methylamine and methylene imine and implications for interstellar glycine formation. Communications Chemistry, 2022, 5, .	2.0	5
4	Hydrogen-Atom-Assisted Uphill Isomerization of N-Methylformamide in Darkness. Journal of the American Chemical Society, 2022, 144, 12339-12346.	6.6	3
5	Infrared characterization of the products and the rate coefficient of the reaction between Criegee intermediate CH₂OO and HCl. Physical Chemistry Chemical Physics, 2021, 23, 11082-11090.	1.3	15
6	Infrared characterization of formation and resonance stabilization of the Criegee intermediate methyl vinyl ketone oxide. Communications Chemistry, 2021, 4, .	2.0	12
7	Formation and Infrared Spectrum of the Open-Form 2-Bromoethyl Radical (2-C2H4Brâ€¢) from Ultraviolet Irradiation of a C2H4/Br2/p-H2 Matrix. Journal of Physical Chemistry A, 2021, 125, 2139-2145.	1.1	3
8	Vacuum Ultraviolet Photoionization Induced Proton Migration and Formation of a New Câ€“N Bond in Pyridine Clusters Revealed by Infrared Spectroscopy and Mass Spectrometry. Journal of Physical Chemistry Letters, 2021, 12, 4936-4943.	2.1	14
9	Non-energetic, Low-Temperature Formation of C_{Î±}-Glycyl Radical, a Potential Interstellar Precursor of Natural Amino Acids. Journal of Physical Chemistry Letters, 2021, 12, 6744-6751.	2.1	16
10	Structures of Pyridineâ€“Water Clusters Studied with Infraredâ€“Vacuum Ultraviolet Spectroscopy. Journal of Physical Chemistry A, 2021, 125, 7489-7501.	1.1	8
11	Dynamics of Reaction CH3CHI + O2 Investigated via Infrared Emission of Products CO, CO2, and OH. Journal of Physical Chemistry A, 2021, 125, 8373-8385.	1.1	1
12	Hydrogen Abstraction of Acetic Acid by Hydrogen Atom to Form Carboxymethyl Radical â€¢CH2C(O)OH in Solid para-Hydrogen and Its Implication in Astrochemistry. ACS Earth and Space Chemistry, 2021, 5, 106-117.	1.2	10
13	Infrared Spectra of (Z)- and (E)-^{â€¢}C₂H₃C(CH₃)I Radicals Produced upon Photodissociation of (Z)- and (E)-(CH₂I)HCâ•C(CH₃)I in Solid para-Hydrogen. Journal of Physical Chemistry A, 2020, 124, 5887-5895.	1.1	3
14	A Direct Mapping Approach to Understand Carrier Relaxation Dynamics in Varied Regions of a Polycrystalline Perovskite Film. Angewandte Chemie - International Edition, 2020, 59, 19001-19005.	7.2	4
15	Dynamics of the reaction CH₂I + O₂ probed via infrared emission of CO, CO₂, OH and H₂CO. Physical Chemistry Chemical Physics, 2020, 22, 17540-17553.	1.3	7
16	Detection of a Criegee Intermediate with an Unsaturated Hydrocarbon Substituent: Fourier-Transform Microwave Spectroscopy of Methyl Vinyl Ketone Oxide. Journal of Physical Chemistry A, 2020, 124, 6203-6206.	1.1	7
17	Hydrogenation of pyrrole: Infrared spectra of the 2,3-dihydropyrrol-2-yl and 2,3-dihydropyrrol-3-yl radicals isolated in solid para-hydrogen. Journal of Chemical Physics, 2020, 153, 164302.	1.2	6
18	Infrared spectroscopy of H+(CO)2 in the gas phase and in para-hydrogen matrices. Journal of Chemical Physics, 2020, 153, 084305.	1.2	4

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19	IRâ€“VUV spectroscopy of pyridine dimers, trimers and pyridineâ€“ammonia complexes in a supersonic jet. Physical Chemistry Chemical Physics, 2020, 22, 21520-21534.	1.3	26
20	Infrared Spectra of Monohydrogenated Aniline, ortho- and para-HC₆H₅NH₂, Generated in Solid para-Hydrogen. Journal of Physical Chemistry A, 2020, 124, 7500-7510.	1.1	2
21	Reaction of CH2Cl radical with O2 in solid para-hydrogen: Infrared spectrum of gauche-CH2ClOO radical. Journal of Molecular Structure, 2020, 1215, 128214.	1.8	2
22	Label-Free Optical Microscope Based on a Phase-Modulated Femtosecond Pumpâ€“Probe Approach with Subdiffraction Resolution. ACS Photonics, 2020, 7, 607-613.	3.2	6
23	Hydrogen abstraction in astrochemistry: formation of Ë™CH₂CONH₂ in the reaction of H atom with acetamide (CH₃CONH₂) and photolysis of Ë™CH₂CONH₂ to form ketene (CH₂CO) in solid para-hydrogen. Physical Chemistry Chemical Physics, 2020, 22, 6192-6201.	1.3	19
24	Infrared Spectra of Isomers of Protonated Aniline in Solid para-Hydrogen. Journal of Physical Chemistry A, 2020, 124, 2253-2263.	1.1	6
25	UV/Vis+ photochemistry database: Structure, content and applications. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 253, 107056.	1.1	14
26	Infrared Emission from Photodissociation of Methyl Formate [HC(O)OCH₃] at 248 and 193 nm: Absence of Roaming Signature. Journal of Physical Chemistry A, 2019, 123, 6130-6143.	1.1	11
27	Infrared spectroscopy of the n-propyl and i-propyl radicals in solid para-hydrogen. Journal of Molecular Spectroscopy, 2019, 363, 111170.	0.4	8
28	Effects of solvent molecules on hemi-bonded (CH3SH)2+: infrared absorption of [(CH3SH)2â€“X]+ with X = H2O, (CH3)2CO, or NH3 and (CH3SH)n+ (n = 3â€“6). Physical Chemistry Chemical Physics, 2019, 21, 16055-16063.	1.3	11
29	Rate coefficient of the reaction CH₂OO + NO₂probed with a quantum-cascade laser near 11 Î¼m. Physical Chemistry Chemical Physics, 2019, 21, 17578-17583.	1.3	12
30	Infrared spectrum of hydrogenated corannulene rim-HC20H10 isolated in solid para-hydrogen. Journal of Chemical Physics, 2019, 151, 044304.	1.2	13
31	Detailed mechanism and kinetics of the reaction of Criegee intermediate CH₂OO with HCOOH investigatedviainfrared identification of conformers of hydroperoxymethyl formate and formic acid anhydride. Physical Chemistry Chemical Physics, 2019, 21, 21445-21455.	1.3	31
32	Formation and infrared identification of protonated fluoranthene isomers 3-, 9-, and 10-C₁₆H₁₁⁺ in solid para-H₂. Physical Chemistry Chemical Physics, 2019, 21, 1820-1829.	1.3	4
33	Hydrogen Abstraction/Addition Tunneling Reactions Elucidate the Interstellar H₂NCHO/HNCO Ratio and H₂ Formation. Journal of the American Chemical Society, 2019, 141, 11614-11620.	6.6	58
34	Infrared spectra of protonated and hydrogenated corannulene (C₂₀H₁₀) and sumanene (C₂₁H₁₂) using matrix isolation in solid para-hydrogen â€“ implications for the UIR bands. Proceedings of the International Astronomical Union, 2019, 15, 358-360.	0.0	0
35	Hydrogen-atom tunneling reactions with methyl formate in solid para-hydrogen: Infrared spectra of the methoxy carbonyl [â€¢C(O)OCH₃] and formyloxy methyl [HC(O)OCH₂â€¢] radicals. Journal of Chemical Physics, 2019, 151, 234302.	1.2	15
36	Detection of transient infrared absorption of SO3 and 1,3,2-dioxathietane-2,2-dioxide [cyc-(CH2)O(SO2)O] in the reaction CH2OO+SO2. Journal of Chemical Physics, 2018, 148, 064301.	1.2	26

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37	Photodissociation of CF₂ICF₂I in solid para-hydrogen: infrared spectra of anti- and gauche-Ë™C₂F₄I radicals. Physical Chemistry Chemical Physics, 2018, 20, 12650-12658.	1.3	8
38	Spectroscopy of prospective interstellar ions and radicals isolated in para-hydrogen matrices. Physical Chemistry Chemical Physics, 2018, 20, 5344-5358.	1.3	49
39	Infrared spectra of the 1,1-dimethylallyl and 1,2-dimethylallyl radicals isolated in solid para-hydrogen. Journal of Chemical Physics, 2018, 149, 204304.	1.2	8
40	Infrared spectroscopy of propene in solid para-hydrogen and helium droplets: The role of matrix shifts in the analysis of anharmonic resonances. Journal of Molecular Spectroscopy, 2018, 354, 7-14.	0.4	10
41	Activation of Molecular Hydrogen by Arylcarbenes. Chemistry - A European Journal, 2018, 24, 18801-18808.	1.7	13
42	High-resolution vibrationâ€“rotational spectra and rotational perturbation of the OO-stretching (Î½₆) band of CH₂OO between 879.5 and 932.0 cm^{â¯1}. Physical Chemistry Chemical Physics, 2018, 20, 25806-25811.	1.3	12
43	Infrared spectra of 3-hydroxy-(1H)-pyridinium cation and 3-hydroxy-(1H)-pyridinyl radical isolated in solid para-hydrogen. Journal of Chemical Physics, 2018, 149, 014306.	1.2	4
44	Identification and Self-Reaction Kinetics of Criegee Intermediates syn-CH₃CHOO and CH₂OO via High-Resolution Infrared Spectra with a Quantum-Cascade Laser. Journal of Physical Chemistry Letters, 2018, 9, 4391-4395.	2.1	28
45	Infrared Spectrum of Protonated Corannulene H⁺C₂₀H₁₀ in Solid para-Hydrogen and its Potential Contribution to Interstellar Unidentified Infrared Bands. ACS Earth and Space Chemistry, 2018, 2, 1001-1010.	1.2	15
46	Spectral Characterization of Three-Electron Two-Center (3eâ€“2c) Bonds of Gaseous CH₃Sâ¯S(H)CH₃ and (CH₃SH)₂⁺ and Enhancement of the 3eâ€“2c Bond upon Protonation. Journal of Physical Chemistry Letters, 2018, 9, 3725-3730.	2.1	19
47	New experimental evidence to support roaming in the reaction Clâ€‰+â€‰isobutene (i-C4H8). Scientific Reports, 2017, 7, 40105.	1.6	4
48	Infrared absorption of methanol-water clusters (CH3OH)n(H2O), n = 1â€“4, recorded with the VUV-ionization/IR-depletion technique. Journal of Chemical Physics, 2017, 146, 144308.	1.2	18
49	Computational Chemical Kinetics for the Reaction of Criegee Intermediate CH₂OO with HNO₃ and Its Catalytic Conversion to OH and HCO. Journal of Physical Chemistry A, 2017, 121, 3871-3878.	1.1	36
50	Infrared spectra of HSCS+, c-HSCS, and HCS2â¯ produced on electron bombardment of CS2 in solid para-hydrogen. Physical Chemistry Chemical Physics, 2017, 19, 9641-9653.	1.3	2
51	Vibrational autoionization of state-selective jet-cooled methanethiol (CH₃SH) investigated with infrared + vacuum-ultraviolet photoionization. Physical Chemistry Chemical Physics, 2017, 19, 29153-29161.	1.3	4
52	Infrared spectra and anharmonic coupling of proton-bound nitrogen dimers N₂â€“H⁺â€“N₂, N₂â€“D⁺â€“N₂, and ¹⁵N₂â€“H⁺â€“¹⁵N₂ in solid para-hydrogen. Physical Chemistry Chemical Physics, 2017, 19, 20484-20492.	1.3	16
53	Modeling the CH Stretch/Torsion/Rotation Couplings in Methyl Peroxy (CH₃OO). Journal of Physical Chemistry A, 2017, 121, 9619-9630.	1.1	6
54	Infrared Spectra of the 1-Chloromethyl-1-methylallyl and 1-Chloromethyl-2-methylallyl Radicals Isolated in Solid para-Hydrogen. Journal of Physical Chemistry A, 2017, 121, 8771-8784.	1.1	1

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55	Infrared absorption spectra of partially deuterated methoxy radicals CH2DO and CHD2O isolated in solid para-hydrogen. Journal of Chemical Physics, 2017, 147, 154305.	1.2	16
56	Reaction of H + HONO in solid para-hydrogen: infrared spectrum of Ë™ONH(OH). Physical Chemistry Chemical Physics, 2017, 19, 16169-16177.	1.3	22
57	Infrared spectra of two isomers of protonated carbonyl sulfide (HOCS+ and HSCO+) and t-HOCS in solid para-hydrogen. Journal of Chemical Physics, 2016, 145, 164308.	1.2	4
58	Laser-induced fluorescence of NO isolated in solid p-H2. Chemical Physics Letters, 2016, 665, 53-58.	1.2	6
59	Infrared absorption of t-HOCO+, H+(CO2)2, and HCO2â˜ produced in electron bombardment of CO2 in solid para-H2. Journal of Chemical Physics, 2016, 145, 014306.	1.2	9
60	Infrared absorption of 1-chloro-2-methyl-2-propyl [â‹…C(CH3)2CH2Cl] and 2-chloro-2-methylpropyl [â‹…CH2C(CH3)2Cl] radicals produced in the addition reactions of Cl with isobutene (i-C4H8) in solid para-hydrogen. Journal of Chemical Physics, 2016, 145, 134302.	1.2	4
61	Infrared spectral identification of the Criegee intermediate (CH3)2COO. Journal of Chemical Physics, 2016, 145, 154303.	1.2	23
62	Infrared spectra of ovalene (C₃₂H₁₄) and hydrogenated ovalene (C₃₂H₁₅Ë™) in solid para-hydrogen. Physical Chemistry Chemical Physics, 2016, 18, 28864-28871.	1.3	11
63	THE INFRARED SPECTRUM OF PROTONATED OVALENE IN SOLID PARA-HYDROGEN AND ITS POSSIBLE CONTRIBUTION TO INTERSTELLAR UNIDENTIFIED INFRARED EMISSION. Astrophysical Journal, 2016, 825, 96.	1.6	25
64	Manifestations of Torsion-CH Stretch Coupling in the Infrared Spectrum of CH₃OO. Journal of Physical Chemistry A, 2016, 120, 4827-4837.	1.1	9
65	Infrared absorption spectrum of the simplest deuterated Criegee intermediate CD2OO. Journal of Chemical Physics, 2016, 145, 044305.	1.2	6
66	Perspective: Spectroscopy and kinetics of small gaseous Criegee intermediates. Journal of Chemical Physics, 2015, 143, 020901.	1.2	151
67	Infrared identification of the Criegee intermediates syn- and anti-CH3CHOO, and their distinct conformation-dependent reactivity. Nature Communications, 2015, 6, 7012.	5.8	74
68	Two HCl-Elimination Channels and Two CO-Formation Channels Detected with Time-Resolved Infrared Emission upon Photolysis of Acryloyl Chloride [CH₂CHC(O)Cl] at 193 nm. Journal of Physical Chemistry A, 2015, 119, 7293-7304.	1.1	8
69	Infrared Identification of Proton-Bound Rare-Gas Dimers (XeHXe)⁺, (KrHKr)⁺, and (KrHXe)⁺ and Their Deuterated Species in Solid Hydrogen. Journal of Physical Chemistry A, 2015, 119, 2651-2660.	1.1	23
70	Infrared absorption of iodomethylperoxy (syn-ICH₂OO) radical generated upon photolysis of CH₂I₂and O₂in solidpara-H₂. Molecular Physics, 2015, 113, 2148-2158.	0.8	9
71	Infrared absorption of CH3O and CD3O radicals isolated in solid para-H2. Journal of Molecular Spectroscopy, 2015, 310, 57-67.	0.4	30
72	Introduction to the special issue on Spectroscopy of Radicals and Ions in Memory of Marilyn Jacox. Journal of Molecular Spectroscopy, 2015, 310, 1-2.	0.4	0

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73	Infrared spectrum of the simplest Criegee intermediate CH2OO at resolution 0.25 cmâ¯1 and new assignments of bands 2Î½9 and Î½5. Journal of Chemical Physics, 2015, 142, 214301.	1.2	37
74	Simultaneous Infrared Detection of the ICH₂OO Radical and Criegee Intermediate CH₂OO: The Pressure Dependence of the Yield of CH₂OO in the Reaction CH₂I + O₂. Journal of Physical Chemistry Letters, 2015, 6, 4610-4615.	2.1	30
75	Reaction dynamics of O(1D) + HCOOD/DCOOH investigated with time-resolved Fourier-transform infrared emission spectroscopy. Journal of Chemical Physics, 2014, 141, 154313.	1.2	7
76	Infrared absorption of gaseous CH2BrOO detected with a step-scan Fourier-transform absorption spectrometer. Journal of Chemical Physics, 2014, 141, 164302.	1.2	11
77	Critical interpretation of CHâ€“ and OHâ€“ stretching regions for infrared spectra of methanol clusters (CH3OH)n (n = 2â€“5) using self-consistent-charge density functional tight-binding molecular dynamics simulations. Journal of Chemical Physics, 2014, 141, 094303.	1.2	17
78	Extremely rapid self-reaction of the simplest Criegee intermediate CH2OO and its implications in atmospheric chemistry. Nature Chemistry, 2014, 6, 477-483.	6.6	125
79	Infrared Spectra of Protonated Coronene and Its Neutral Counterpart in Solid Parahydrogen: Implications for Unidentified Interstellar Infrared Emission Bands. Angewandte Chemie - International Edition, 2014, 53, 1021-1024.	7.2	37
80	Infrared spectra of free radicals and protonated species produced in para-hydrogen matrices. Physical Chemistry Chemical Physics, 2014, 16, 2200.	1.3	73
81	Detailed mechanism of the CH2I + O2 reaction: Yield and self-reaction of the simplest Criegee intermediate CH2OO. Journal of Chemical Physics, 2014, 141, 104308.	1.2	93
82	Transient Infrared Absorption Spectra of Reaction Intermediates Detected with a Stepâ€scan Fourierâ€transform Infrared Spectrometer. Journal of the Chinese Chemical Society, 2014, 61, 47-58.	0.8	24
83	Bimolecular reaction of CH3 + CO in solid p-H2: Infrared absorption of acetyl radical (CH3CO) and CH3-CO complex. Journal of Chemical Physics, 2014, 140, 244303.	1.2	16
84	Femtosecond Excitonic Relaxation Dynamics of Perovskite on Mesoporous Films of Al₂O₃ and NiO Nanoparticles. Angewandte Chemie - International Edition, 2014, 53, 9339-9342.	7.2	57
85	Alcohol dimers â€“ how much diagonal OH anharmonicity?. Physical Chemistry Chemical Physics, 2014, 16, 15948-15956.	1.3	43
86	Femtosecond Infrared Transient Absorption Dynamics of Benzimidazole-Based Ruthenium Complexes on TiO₂ Films for Dye-Sensitized Solar Cells. Journal of Physical Chemistry C, 2014, 118, 16904-16911.	1.5	20
87	Topology of conical/surface intersections among five low-lying electronic states of CO2: Multireference configuration interaction calculations. Journal of Chemical Physics, 2013, 139, 154302.	1.2	11
88	Infrared Absorption Spectrum of the Simplest Criegee Intermediate CH ₂ OO. Science, 2013, 340, 174-176.	6.0	242
89	Formation and infrared absorption of protonated naphthalenes (1-C₁₀H₉⁺and 2-C₁₀H₉⁺) and their neutral counterparts in solid para-hydrogen. Physical Chemistry Chemical Physics, 2013, 15, 1907-1917.	1.3	31
90	Effects of Hydrogen Bonding on Internal Conversion of GFP-like Chromophores. II. The meta-Amino Systems. Journal of Physical Chemistry B, 2013, 117, 2705-2716.	1.2	38

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91	Effects of Hydrogen Bonding on Internal Conversion of GFP-like Chromophores. I. The para-Amino Systems. Journal of Physical Chemistry B, 2013, 117, 2695-2704.	1.2	36
92	Infrared Spectra of Protonated Pyrene and Its Neutral Counterpart in Solid para-Hydrogen. Journal of Physical Chemistry Letters, 2013, 4, 1989-1993.	2.1	32
93	Infrared Spectra of the 1-Pyridinium (C₅H₅NH⁺) Cation and Pyridinyl (C₅H₅NH and 4-C₅H₆N) Radicals Isolated in Solid para-Hydrogen. Journal of Physical Chemistry A, 2013, 117, 13680-13690.	1.1	46
94	Infrared identification of the Ï*f*-complex of Cl-C6H6 in the reaction of chlorine atom and benzene in solid para-hydrogen. Journal of Chemical Physics, 2013, 138, 074310.	1.2	9
95	Reactions between atomic chlorine and pyridine in solid para-hydrogen: Infrared spectrum of the 1-chloropyridinyl (C5H5Nâ"Cl) radical. Journal of Chemical Physics, 2013, 138, 054307.	1.2	9
96	Infrared absorption of 3-propenonyl (â‹…CH2CHCO) radical generated upon photolysis of acryloyl chloride [CH2CHC(O)Cl] in solid para-H2. Journal of Chemical Physics, 2013, 139, 084320.	1.2	13
97	A new method for investigating infrared spectra of protonated benzene (C6H7+) and cyclohexadienyl radical (c-C6H7) using para-hydrogen. Journal of Chemical Physics, 2012, 136, 154304.	1.2	50
98	Infrared absorption of trans-1-chloromethylallyl and trans-1-methylallyl radicals produced in photochemical reactions of trans-1,3-butadiene and Câ„"2 in solid para-hydrogen. Journal of Chemical Physics, 2012, 137, 084310.	1.2	21
99	Extrinsic charge traps in disordered organic materials. Journal of Applied Physics, 2012, 112, 073715.	1.1	0
100	Infrared absorption of CH3OSO and CD3OSO radicals produced upon photolysis of CH3OS(O)Cl and CD3OS(O)Cl in p-H2 matrices. Journal of Chemical Physics, 2012, 136, 124510.	1.2	14
101	Infrared spectrum of the 2-chloroethyl radical in solid para-hydrogen. Physical Chemistry Chemical Physics, 2012, 14, 1014-1029.	1.3	22
102	Electroabsorption and Electrophotoluminescence of Poly(2,3-diphenyl-5-hexyl-p-phenylene vinylene). Journal of Physical Chemistry C, 2012, 116, 14789-14795.	1.5	10
103	Design and Characterization of Heteroleptic Ruthenium Complexes Containing Benzimidazole Ligands for Dye-Sensitized Solar Cells: The Effect of Fluorine Substituents on Photovoltaic Performance. Journal of Physical Chemistry Letters, 2012, 3, 1830-1835.	2.1	42
104	Infrared Absorption of Gaseous Benzoyl Radical C6H5CO Recorded with a Step-Scan Fourier-Transform Spectrometer. Journal of Physical Chemistry A, 2012, 116, 6366-6374.	1.1	9
105	Study of the reactive excited-state dynamics of delipidated bacteriorhodopsin upon surfactant treatments. Chemical Physics Letters, 2012, 539-540, 151-156.	1.2	6
106	Dynamics of the reactions of O(1D) with CD3OH and CH3OD studied with time-resolved Fourier-transform IR spectroscopy. Journal of Chemical Physics, 2012, 137, 164307.	1.2	19
107	Infrared absorption of methanethiol clusters (CH3SH)n, n = 2â€"5, recorded with a time-of-flight mass spectrometer using IR depletion and VUV ionization. Journal of Chemical Physics, 2012, 137, 234307.	1.2	16
108	Blue/near UV light emission from hybrid InN/TiO2 nanoparticle films. Journal of Materials Chemistry, 2011, 21, 8540.	6.7	2

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109	Infrared absorption of methanol clusters (CH3OH)n with n = 2â^'6 recorded with a time-of-flight mass spectrometer using infrared depletion and vacuum-ultraviolet ionization. Journal of Chemical Physics, 2011, 134, 144309.	1.2	73
110	He I Ultraviolet Photoelectron Spectroscopy of Benzene and Pyridine in Supersonic Molecular Beams Using Photoelectron Imaging. Journal of Physical Chemistry A, 2011, 115, 2953-2965.	1.1	47
111	Infrared spectrum of mass-selected CH3S radicals investigated with infrared+vacuum ultraviolet photoionization. Chemical Physics Letters, 2011, 515, 1-6.	1.2	19
112	Photodissociation Dynamics of Benzaldehyde (C₆H₅CHO) at 266, 248, and 193â€...nm. Chemistry - an Asian Journal, 2011, 6, 2961-2976.	1.7	21
113	Infrared absorption of CH₃OSO detected with time-resolved Fourier-transform spectroscopy. Journal of Chemical Physics, 2011, 134, 094304.	1.2	13
114	Reactions between chlorine atom and acetylene in solid para-hydrogen: Infrared spectrum of the 1-chloroethyl radical. Journal of Chemical Physics, 2011, 135, 174302.	1.2	14
115	Infrared absorption of CH3SO2 observed upon irradiation of a p-H2 matrix containing CH3I and SO2. Journal of Chemical Physics, 2011, 134, 124314.	1.2	24
116	Infrared absorption of gaseous benzoylperoxy radical C6H5C(O)OO recorded with a step-scan Fourier-transform spectrometer. Journal of Chemical Physics, 2011, 135, 224302.	1.2	10
117	Franckâ€"Condon simulation of the A 1B2 â†' X 1A1 dispersed fluorescence spectrum of fluorobenzene and its rate of the internal conversion. Journal of Chemical Physics, 2011, 134, 094313.	1.2	16
118	Advances in Use of pâ€H₂ as a Novel Host for Matrix IR Spectroscopy. Journal of the Chinese Chemical Society, 2010, 57, 771-782.	0.8	34
119	Ordering, Interaction, and Reactivity of the Lowâ€Lying nÏ€* and Ï€Ï€* Excited Triplet States of Acetophenone Derivatives. Angewandte Chemie - International Edition, 2010, 49, 9201-9205.	7.2	21
120	Diminished cage effect in solid p-H2: Infrared spectra of ClSCS, ClCS, and ClSC in an irradiated p-H2 matrix containing Cl2 and CS2. Journal of Chemical Physics, 2010, 132, 164303.	1.2	30
121	Transient infrared spectra of CH3SOO and CH3SO observed with a step-scan Fourier-transform spectrometer. Journal of Chemical Physics, 2010, 133, 184303.	1.2	30
122	Diminished cage effect in solid p-H2: Infrared absorption of CH3S observed from photolysis in situ of CH3SH, CH3SCH3, or CH3SSCH3 isolated in p-H2 matrices. Journal of Chemical Physics, 2010, 133, 164316.	1.2	32
123	Electric-Field-Induced Enhancement/Quenching of Photoluminescence of Ï€-Conjugated Polymer S3-PPV: Excitation Energy Dependence. Journal of Physical Chemistry B, 2010, 114, 6258-6265.	1.2	14
124	Site-Selective Reaction of Cl + Propene in Solidpara-Hydrogen: Formation of 2-Chloropropyl Radicals. Journal of Physical Chemistry Letters, 2010, 1, 2956-2961.	2.1	23
125	Theoretical Interpretation of the UVâ^'vis Spectrum of the CS₂/Cl Complex in the Spectral Region 320â^'550 nm. Journal of Physical Chemistry A, 2010, 114, 11008-11016.	1.1	2
126	Synthesis and electron-transfer properties of benzimidazole-functionalized ruthenium complexes for highly efficient dye-sensitized solar cells. Chemical Communications, 2010, 46, 8992.	2.2	73

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127	Transient infrared absorption of t-CH3C(O)OO, c-CH3C(O)OO, and Î±-lactone recorded in gaseous reactions of CH3CO and O2. Journal of Chemical Physics, 2010, 132, 114303.	1.2	27
128	Infrared absorption of GeNNO isolated in solid Ar. Journal of Chemical Physics, 2009, 131, 144504.	1.2	1
129	Comparison of geometric, electronic, and vibrational properties for all pentagon/hexagonâ€bearing isomers of fullerenes C₃₈, C₄₀, and C₄₂. International Journal of Quantum Chemistry, 2009, 109, 1999-2011.	1.0	20
130	Femtosecond Transient Absorption of Zinc Porphyrins with Oligo(phenylethylnyl) Linkers in Solution and on TiO₂ Films. Journal of Physical Chemistry C, 2009, 113, 11524-11531.	1.5	64
131	Distribution of Vibrational States of CO₂ in the Reaction O(¹D) + CO₂ from Time-Resolved Fourier Transform Infrared Emission Spectra. Journal of Physical Chemistry A, 2009, 113, 3431-3437.	1.1	12
132	Electric Field Effects on Photoluminescence of Polyfluorene Thin Films: Dependence on Excitation Wavelength, Field Strength, and Temperature. Journal of Physical Chemistry C, 2009, 113, 11907-11915.	1.5	24
133	Reaction Dynamics of O(¹D,³P) + OCS Studied with Time-Resolved Fourier Transform Infrared Spectroscopy and Quantum Chemical Calculations. Journal of Physical Chemistry A, 2009, 113, 13260-13272.	1.1	15
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