

Masaaki Fujii

List of Publications by Year in descending order

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255
papers

6,222
citations

66315

42
h-index

123376

61
g-index

264
all docs

264
docs citations

264
times ranked

3479
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas phase protonated nicotine is a mixture of pyridine- and pyrrolidine-protonated conformers: implications for its native structure in the nicotinic acetylcholine receptor. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 5786-5793.	1.3	8
2	Excited state dynamics of protonated dopamine: hydration and conformation effects. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 10737-10744.	1.3	2
3	Collision-assisted stripping for determination of microsolvation-dependent protonation sites in hydrated clusters by cryogenic ion trap infrared spectroscopy: the case of benzocaine H^+ (H_2O) $_n$. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 5774-5779.	1.3	11
4	Stepwise dissociation of ion pairs by water molecules: cation-dependent separation mechanisms between carboxylate and alkali-earth metal ions. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 12121-12125.	1.3	4
5	Cryogenic ion spectroscopy of adenine complexes containing alkali metal cations. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 6783-6790.	1.3	2
6	Rethinking Ion Transport by Ionophores: Experimental and Computational Investigation of Single Water Hydration in Valinomycin- K^+ Complexes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1754-1758.	2.1	16
7	Real-time observation of photoionization-induced water migration dynamics in 4-methylformanilide-water by picosecond time-resolved infrared spectroscopy and <i>ab initio</i> molecular dynamics simulations. <i>Physical Chemistry Chemical Physics</i> , 2021, 24, 73-85.	1.3	8
8	Potassium and sodium ion complexes with a partial peptide of the selectivity filter in K^+ channels studied by cold ion trap infrared spectroscopy: the effect of hydration. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 12045-12050.	1.3	7
9	Revealing the role of excited state proton transfer (ESPT) in excited state hydrogen transfer (ESHT): systematic study in phenol $\text{Ar}(\text{NH}_3)_n$ clusters. <i>Chemical Science</i> , 2021, 12, 3836-3856.	3.7	18
10	Hydration-controlled excited-state relaxation in protonated dopamine studied by cryogenic ion spectroscopy. <i>Journal of Chemical Physics</i> , 2021, 155, 151101.	1.2	4
11	Double Ion Trap Laser Spectroscopy of Alkali Metal Ion Complexes with a Partial Peptide of the Selectivity Filter in K^+ Channels—Temperature Effect and Barrier for Conformational Conversions. <i>Journal of Physical Chemistry A</i> , 2021, 125, 9609-9618.	1.1	12
12	Distribution of trace impurities in microvolumes and analysis of concentration using laser sputtered neutral mass spectrometry. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2021, 39, 064002.	0.6	0
13	Isomer-Selective Spectroscopy and Dynamics of Phenol $\text{Ar}(\text{N})_5$ ($\text{N} \approx 5$) Clusters. <i>Journal of Physical Chemistry A</i> , 2021, 125, 9969-9981.	1.1	2
14	IR super-resolution imaging of avian feather keratins detected by using vibrational sum-frequency generation. <i>Biophysical Chemistry</i> , 2020, 267, 106482.	1.5	2
15	Cryogenic Ion Spectroscopy of a Singly Protonated Peptide DYYVVR: Locating Phosphorylation Sites of a Kinase Domain. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 7103-7108.	2.1	6
16	Chiral discrimination between tyrosine and β -cyclodextrin revealed by cryogenic ion trap infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24887-24894.	1.3	15
17	Improvement of ionization yield in sputtered neutral mass spectrometry using pulsed infrared and ultraviolet lasers. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2020, 38, 034011.	0.6	3
18	Alkali and Alkaline Earth Metal Ions Complexes with a Partial Peptide of the Selectivity Filter in K^+ Channels Studied by a Cold Ion Trap Infrared Spectroscopy. <i>ChemPhysChem</i> , 2020, 21, 687-687.	1.0	0

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19	Alkali and Alkaline Earth Metal Ions Complexes with a Partial Peptide of the Selectivity Filter in K ⁺ Channels Studied by a Cold Ion Trap Infrared Spectroscopy. <i>ChemPhysChem</i> , 2020, 21, 712-724.	1.0	17
20	Excited-state proton transfer in protonated adrenaline revealed by cryogenic UV photodissociation spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 11498-11507.	1.3	4
21	Excited state hydrogen transfer dynamics in phenol ⁺ (NH ₃) ₂ studied by picosecond UV-near IR-UV time-resolved spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 5740-5748.	1.3	4
22	Ionization-Induced H Site Switching in Resorcinol ⁺ Ar _n (<i>n</i> = 1 and 2) Clusters Probed by Infrared Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6828-6839.	1.1	2
23	Probing the selectivity of Li ⁺ and Na ⁺ cations on noradrenaline at the molecular level. <i>Faraday Discussions</i> , 2019, 217, 396-413.	1.6	3
24	Ion-peptide interactions between alkali metal ions and a termini-protected dipeptide: modeling a portion of the selectivity filter in K ⁺ channels. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 561-571.	1.3	21
25	Can the Partial Peptide SIVSF of the β_2 -Adrenergic Receptor Recognize Chirality of the Epinephrine Neurotransmitter?. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2470-2474.	2.1	13
26	Time-Resolved Study on Photo-Initiated Isomerization of Clusters. , 2019, , 367-395.		0
27	Molecular Recognition by a Short Partial Peptide of the Adrenergic Receptor: A Bottom-Up Approach. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5626-5629.	7.2	26
28	Stereochemistry-dependent structure of hydrogen-bonded protonated dimers: the case of 1-amino-2-indanol. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12430-12443.	1.3	10
29	Cation-Size-Dependent Conformational Locking of Glutamic Acid by Alkali Ions: Infrared Photodissociation Spectroscopy of Cryogenic Ions. <i>Journal of Physical Chemistry B</i> , 2018, 122, 2295-2306.	1.2	5
30	Complex molecular systems: a frontier of molecular science. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 2945-2946.	1.3	0
31	Innentitelbild: Molecular Recognition by a Short Partial Peptide of the Adrenergic Receptor: A Bottom-Up Approach (<i>Angew. Chem.</i> 20/2018). <i>Angewandte Chemie</i> , 2018, 130, 5658-5658.	1.6	0
32	Molecular Recognition by a Short Partial Peptide of the Adrenergic Receptor: A Bottom-Up Approach. <i>Angewandte Chemie</i> , 2018, 130, 5728-5731.	1.6	3
33	Sequential microhydration of cationic 5-hydroxyindole (5HI ⁺): infrared photodissociation spectra of 5HI ⁺ W _n clusters (W = H ₂ O,) Tj ETQq1 1 0i784314 rg8T /Ove		
34	Electron-Proton Transfer Mechanism of Excited-State Hydrogen Transfer in Phenol ⁺ (NH ₃) _n (<i>n</i> = 3 and 5). <i>Chemistry - A European Journal</i> , 2018, 24, 881-890.	1.7	8
35	A theoretical study on the size-dependence of ground-state proton transfer in phenol ⁺ ammonia clusters. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3265-3276.	1.3	8
36	Real-time observation of the photoionization-induced water rearrangement dynamics in the 5-hydroxyindole ⁺ water cluster by time-resolved IR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3079-3091.	1.3	16

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37	Probing chirality recognition of protonated glutamic acid dimers by gas-phase vibrational spectroscopy and first-principles simulations. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 28452-28464.	1.3	19
38	Matrix and element dependences of useful yield in Si and SiO ₂ matrices using laser-ionization sputtered neutral mass spectrometry. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2018, 36, 03F128.	0.6	4
39	Entropic effects make a more tightly folded conformer of a β -amino acid less stable: UV-UV hole burning and IR dip spectroscopy of β -homotryptophan using a laser desorption supersonic jet technique. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19979-19986.	1.3	3
40	Stepwise microhydration of aromatic amide cations: water solvation networks revealed by the infrared spectra of acetanilide $(\text{H}_2\text{O})_n$ clusters ($n \leq 3$). <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 3148-3164.	1.3	15
41	Electron-proton transfer mechanism of excited-state hydrogen transfer in phenol (NH_3) studied by delayed ionization detected femtosecond time-resolved NIR spectroscopy. <i>Chemical Physics</i> , 2018, 515, 580-585.	0.9	6
42	Conformation of protonated glutamic acid at room and cryogenic temperatures. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10767-10776.	1.3	16
43	A conformational study of protonated noradrenaline by UV and IR dip double resonance laser spectroscopy combined with an electrospray and a cold ion trap method. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10777-10785.	1.3	27
44	A structural study on the excimer state of an isolated benzene dimer using infrared spectroscopy in the skeletal vibration region. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22759-22776.	1.3	20
45	Deciphering environment effects in peptide bond solvation dynamics by experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22564-22572.	1.3	11
46	High-cooling-efficiency cryogenic quadrupole ion trap and UV-UV hole burning spectroscopy of protonated tyrosine. <i>Journal of Molecular Spectroscopy</i> , 2017, 332, 45-51.	0.4	65
47	Photoionization-induced H site switching dynamics in phenol (Rg) dimers probed by picosecond time-resolved infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 24746-24754.	1.3	19
48	Effective Strategy for Conformer-Selective Detection of Short-Lived Excited State Species: Application to the IR Spectroscopy of the N1H Keto Tautomer of Guanine. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2179-2184.	1.1	8
49	Probing Solvation Dynamics around Aromatic and Biological Molecules at the Single-Molecular Level. <i>Chemical Reviews</i> , 2016, 116, 5432-5463.	23.0	78
50	Gas phase ultraviolet and infrared spectroscopy on a partial peptide of β -adrenoceptor SIVSF-NH ₂ by a laser desorption supersonic jet technique. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23277-23284.	1.3	19
51	Theoretical Study on the Size Dependence of Ground-State Proton Transfer in 1-Naphthol (NH_3) Clusters. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7167-7174.	1.1	6
52	Anharmonic Vibrational Analyses of Pentapeptide Conformations Explored with Enhanced Sampling Simulations. <i>Journal of Physical Chemistry B</i> , 2016, 120, 10199-10213.	1.2	11
53	Structural motifs of 2-(2-fluoro-phenyl)-ethylamine conformers. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1191-1201.	1.3	10
54	Spectroscopic study of jet-cooled indole-3-carbinol by laser desorption technique: Franck-Condon simulations and anharmonic calculations. <i>Chemical Physics Letters</i> , 2015, 638, 237-243.	1.2	2

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55	Mass analyzed threshold ionization detected infrared spectroscopy: isomerization activity of the phenol ⁺ Ar cluster near the ionization threshold. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2494-2503.	1.3	12
56	Trapped Hydronium Radical Produced by Ultraviolet Excitation of Substituted Aromatic Molecule. <i>Journal of Physical Chemistry A</i> , 2015, 119, 12730-12735.	1.1	6
57	Stepwise Microhydration of Aromatic Amide Cations: Formation of Water Solvation Network Revealed by Infrared Spectra of Formanilide ⁺ (H ₂ O) _n Clusters (n = 5). <i>Journal of Physical Chemistry B</i> , 2015, 119, 1388-1406.	1.2	32
58	Single water solvation dynamics in the 4-aminobenzonitrile ⁺ water cluster cation revealed by picosecond time-resolved infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 29969-29977.	1.3	20
59	Real time observation of the excimer formation dynamics of a gas phase benzene dimer by picosecond pump-probe spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25989-25997.	1.3	27
60	Electron-Proton Decoupling in Excited-State Hydrogen Atom Transfer in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15089-15093.	7.2	20
61	The mechanism of excited-state proton transfer in 1-naphthol ⁺ piperidine clusters. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25393-25402.	1.3	4
62	Theoretical Study on the Size Dependence of Excited State Proton Transfer in 1-Naphthol ⁺ Ammonia Clusters. <i>Journal of Physical Chemistry B</i> , 2015, 119, 2415-2424.	1.2	9
63	Microhydrated aromatic cluster cations: Binding motifs of 4-aminobenzonitrile-(H ₂ O) _n cluster cations with n = 4. <i>Journal of Chemical Physics</i> , 2014, 141, 214301.	1.2	29
64	UV ⁺ UV hole burning and IR dip spectroscopy of homophenylalanine by laser desorption supersonic jet technique. <i>Chemical Physics</i> , 2014, 445, 21-30.	0.9	9
65	Ionization-induced H site-switching in phenol ⁺ CH ₄ complexes studied using IR dip spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 110-116.	1.3	13
66	Microsolvation of the acetanilide cation (AA ⁺) in a nonpolar solvent: IR spectra of AA ⁺ L _n clusters (L = He, Ar, N ₂ ; n = 10). <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 7980-7995.	1.3	26
67	Fast Nonradiative Decay in <i>o</i> -Aminophenol. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2056-2062.	1.1	20
68	Solvation Dynamics of a Single Water Molecule Probed by Infrared Spectra ⁺ Theory Meets Experiment. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14601-14604.	7.2	31
69	Solvent Migration in Microhydrated Aromatic Aggregates: Ionization-Induced Site Switching in the 4 ⁺ Aminobenzonitrile ⁺ Water Cluster. <i>Chemistry - A European Journal</i> , 2014, 20, 2031-2039.	1.7	21
70	Structure of 1-naphthol ⁺ water clusters in the S ₁ state studied by UV ⁺ IR fluorescence dip spectroscopy and ab initio molecular orbital calculations. <i>Chemical Physics Letters</i> , 2013, 557, 19-25.	1.2	4
71	Unusual Behavior in the First Excited State Lifetime of Catechol. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3819-3823.	2.1	23
72	Revised conformational assignments and conformational evolution of tyrosine by laser desorption supersonic jet laser spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 5163.	1.3	39

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73	Gas-phase spectroscopy and anharmonic vibrational analysis of the 3-residue peptide Z-Pro-Leu-Gly-NH ₂ by the laser desorption supersonic jet technique. <i>Chemical Physics</i> , 2013, 419, 145-152.	0.9	13
74	Quaternary and secondary structural imaging of a human hair by a VSFG-detected IR super-resolution microscope. <i>Chemical Physics</i> , 2013, 419, 261-265.	0.9	12
75	Conformationally resolved spectra of acetaminophen by UV-UV hole burning and IR dip spectroscopy in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 957-964.	1.3	18
76	IR Spectroscopy of the 4-aminobenzonitrile-Ar Cluster in the S ₀ , S ₁ Neutral and D ₀ Cationic States. <i>ChemPhysChem</i> , 2013, 14, 741-745.	1.0	13
77	Ground State Proton Transfer in Phenol-(NH ₃) _n Clusters Studied by Mid-IR Spectroscopy in 3-10 μ m Range. <i>Journal of Physical Chemistry A</i> , 2013, 117, 1522-1530.	1.1	30
78	MODE-specific deactivation of adenine at the singlet excited states. <i>Journal of Chemical Physics</i> , 2013, 139, 124311.	1.2	4
79	Microsolvation of the 4-aminobenzonitrile Cation (ABN ⁺) in a Nonpolar Solvent: IR Spectra of ABN + n H ₂ O (L=Ar and N ₂ , n=4). <i>ChemPhysChem</i> , 2013, 14, 728-740.	1.0	17
80	Imaging of Polycyclic Aromatic Hydrocarbons by Means of Sputtered Neutrals Mass Spectrometry Using a Diode-pumped Solid-State Laser. <i>Analytical Sciences</i> , 2013, 29, 291-295.	0.8	7
81	Laser Desorption Supersonic Jet Spectroscopy of Octopamine by Its Hydrochloride Salt. <i>Chemistry Letters</i> , 2013, 42, 1166-1167.	0.7	5
82	IR-UV Double Resonance Spectroscopy as Implemented by Polarized Laser Schemes: Probing Orientations of Vibrational Transition Dipole Moments. <i>Chemistry Letters</i> , 2013, 42, 1070-1072.	0.7	0
83	Structural analysis of aerosol particles by microscopic observation using a time-of-flight secondary ion mass spectrometer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6726-6737.	1.2	10
84	IR Super-Resolution Microspectroscopy and its Application to Single Cells. <i>Current Pharmaceutical Biotechnology</i> , 2013, 14, 159-166.	0.9	0
85	Selective detection of polyaromatic hydrocarbons on diesel exhaust particles using sputtered neutral mass spectrometry. <i>Surface and Interface Analysis</i> , 2013, 45, 1309-1312.	0.8	4
86	Characterization of Black Carbon in Fine Aerosol Particles Using High Lateral Resolution TOF-SIMS. <i>Analytical Sciences</i> , 2013, 29, 479-481.	0.8	11
87	Gas-Phase Spectroscopy of Laser-Desorbed Acedan and Proline-Acedan. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 2241-2242.	1.0	0
88	A two-color tunable infrared/vacuum ultraviolet spectrometer for high-resolution spectroscopy of molecules in molecular beams. <i>Review of Scientific Instruments</i> , 2012, 83, 014102.	0.6	5
89	IR spectroscopy of monohydrated tryptamine cation: Rearrangement of the intermolecular hydrogen bond induced by photoionization. <i>Journal of Chemical Physics</i> , 2012, 137, 224311.	1.2	23
90	Absorption Spectra and Photochemical Reactions in a Unique Photoactive Protein, Middle Rhodopsin MR. <i>Journal of Physical Chemistry B</i> , 2012, 116, 5888-5899.	1.2	15

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91	Ionization-induced Solvent Migration in Acetanilide-Methanol Clusters Inferred from Isomer-selective Infrared Spectroscopy. <i>ChemPhysChem</i> , 2012, 13, 3875-3881.	1.0	14
92	Ionisation-induced site switching dynamics in solvated aromatic clusters: phenol-(rare gas) clusters as prototypical example. <i>International Reviews in Physical Chemistry</i> , 2012, 31, 131-173.	0.9	53
93	Development of Source Apportionment of Individual Particle by High Resolution Time of Flight-Secondary Ion Mass Spectrometry. <i>Journal of the Vacuum Society of Japan</i> , 2012, 55, 104-107.	0.3	4
94	Watching Water Migration around a Peptide Bond. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 6604-6607.	7.2	63
95	Gas phase IR spectra of tri-peptide Z-Pro-Leu-Gly: Effect of C-terminal amide capping on secondary structure. <i>Chemical Physics Letters</i> , 2012, 531, 41-45.	1.2	15
96	IR Super-resolution Microscope Based on Vibrational Sum-frequency Generation and Its Application to Living Cells. <i>Membrane</i> , 2012, 37, 200-205.	0.0	0
97	Isomer selective IR-UV depletion spectroscopy of 4-fluorotoluene-NH ₃ : evidence for π -proton-acceptor and linear hydrogen-bonded complexes. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 15633.	1.3	7
98	Mass analyzed threshold ionization spectra of phenol-Ar ₂ : ionization energy and cation intermolecular vibrational frequencies. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 6071-6076.	1.3	24
99	Photoionization-induced large-amplitude pendular motion in phenol-Kr. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2744-2747.	1.3	32
100	Conformational reduction of DOPA in the gas phase studied by laser desorption supersonic jet laser spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7812.	1.3	23
101	Gas-Phase Spectroscopy of Synephrine by Laser Desorption Supersonic Jet Technique. <i>Journal of Physical Chemistry A</i> , 2011, 115, 10363-10369.	1.1	29
102	Structures and IR/UV spectra of neutral and ionic phenol-Ar _n cluster isomers (n = 4): competition between hydrogen bonding and stacking. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 13926.	1.3	34
103	Ionization-induced π -H site switching dynamics in phenol-Ar ₃ . <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2409-2416.	1.3	37
104	Gas-phase Infrared Spectroscopy of Mono-peptides from 10 to 3 μ m. <i>Chemistry Letters</i> , 2011, 40, 1157-1158.	0.7	3
105	Development of Low Reflectivity and High Resolution Negative-tone Photoresist. <i>Journal of Photopolymer Science and Technology</i> = [Fotoporima Konwakai Shi], 2011, 24, 397-400.	0.1	5
106	Isomerization reaction in high-n Rydberg states of phenol-Ar/Kr clusters measured by autoionization detected infrared spectroscopy. <i>Chemical Physics Letters</i> , 2011, 513, 208-211.	1.2	16
107	Hole-Burning Spectra of m-Fluorophenol/Ammonia (1:3) Clusters and Their Excited State Hydrogen Transfer Dynamics. <i>ChemPhysChem</i> , 2011, 12, 1928-1934.	1.0	10
108	Detailed analysis of diesel vehicle exhaust emissions: Nitrogen oxides, hydrocarbons and particulate size distributions. <i>Proceedings of the Combustion Institute</i> , 2011, 33, 2895-2902.	2.4	50

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109	Visible-super-resolution infrared microscopy using saturated transient fluorescence detected infrared spectroscopy. <i>Optics Communications</i> , 2010, 283, 509-514.	1.0	5
110	Measurement of adiabatic ionization energies of the rotational isomers of n-propylbenzene and m-fluorophenol by direct VUV laser photoionization. <i>Chemical Physics Letters</i> , 2010, 485, 31-35.	1.2	1
111	Dissociation energetics of the phenol+Ar ₂ cluster ion: The role of H isomerization. <i>Journal of Chemical Physics</i> , 2010, 133, 154308.	1.2	42
112	Excited state hydrogen transfer dynamics in substituted phenols and their complexes with ammonia: energy gap propensity and ortho-substitution effect. <i>Journal of Chemical Physics</i> , 2010, 133, 124313.	1.2	123
113	Fragmentation Energetics of the Phenol+Ar ₃ Cation Cluster. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11139-11143.	1.1	17
114	Spectroscopic Studies of a Sensory Rhodopsin I Homologue from the Archaeon <i>Haloarcula vallismortis</i> . <i>Biochemistry</i> , 2010, 49, 1183-1190.	1.2	19
115	Evidence for Catechol Ring- Induced Conformational Restriction in Neurotransmitters. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1130-1133.	2.1	39
116	Structural Evolution of (1-NpOH) _n Clusters Studied by R2PI and IR Dip Spectroscopies. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11210-11215.	1.1	12
117	Excited-State Triple-Proton Transfer in 7-Azaindole(H ₂ O) ₂ and Reaction Path Studied by Electronic Spectroscopy in the Gas Phase and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11161-11166.	1.1	58
118	Development of a Non-Scanning Vibrational Sum-Frequency Generation Detected Infrared Super-Resolution Microscope and its Application to Biological Cells. <i>Applied Spectroscopy</i> , 2010, 64, 275-281.	1.2	33
119	Infrared imaging of an A549 cultured cell by a vibrational sum-frequency generation detected infrared super-resolution microscope. <i>Optics Express</i> , 2010, 18, 13402.	1.7	16
120	Dual Emission Caused by Ring Inversion Isomerization of a 4-Methyl-2-pyridyl-pyrimidine Copper(I) Complex. <i>Journal of the American Chemical Society</i> , 2010, 132, 9579-9581.	6.6	79
121	Tribute to Klaus Muller-Dethlefs. <i>Journal of Physical Chemistry A</i> , 2010, 114, 11027-11027.	1.1	0
122	Simultaneous Measurements of the Components of VOCs and PAHs in Diesel Exhaust Gas using a Laser Ionization Method. , 2009, , .		0
123	Simultaneous Measurements of Aromatic Hydrocarbons in Exhaust using a Laser Ionization Method. <i>SAE International Journal of Engines</i> , 2009, 2, 226-234.	0.4	4
124	Functional imaging of a single cell: far-field infrared super-resolution microscopy using autofluorescence detection. <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
125	Plugging a Molecular Wire into Photosystemâ€¦I: Reconstitution of the Photoelectric Conversion System on a Gold Electrode. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1585-1587.	7.2	117
126	IR spectra of resorcinol+Ar cluster cations (n= 1, 2): Evidence for photoionization-induced H isomerization. <i>Chemical Physics Letters</i> , 2009, 474, 7-12.	1.2	18

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127	Characterization of a Signaling Complex Composed of Sensory Rhodopsin I and Its Cognate Transducer Protein from the Eubacterium <i>Salinibacter ruber</i> . <i>Biochemistry</i> , 2009, 48, 10136-10145.	1.2	30
128	Effects of Chloride Ion Binding on the Photochemical Properties of <i>Salinibacter</i> Sensory Rhodopsin I. <i>Journal of Molecular Biology</i> , 2009, 392, 48-62.	2.0	37
129	Two-point-separation in a sub-micron non-scanning IR super-resolution microscope based on transient fluorescence detected IR spectroscopy. <i>Optics Express</i> , 2009, 17, 12013.	1.7	8
130	Isomer selective infrared spectroscopy of supersonically cooled cis- and trans-N-phenylamides in the region from the amide band to NH stretching vibration. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 6098.	1.3	41
131	In Situ, Fast-response, Molecular-selective Methods for Measuring Emission Factors of Volatile Organic Compounds (VOCs) into the Atmosphere. <i>Chemistry Letters</i> , 2009, 38, 74-75.	0.7	4
132	Infrared Super-Resolution Imaging of a Single A549 Cell by Fluorescence Detection. <i>Nippon Laser Igakkaishi</i> , 2009, 30, 427-434.	0.0	0
133	Compact fluorescence depletion microscope system using an integrated optical element. <i>Optics Communications</i> , 2008, 281, 1850-1854.	1.0	7
134	The most stable conformer of benzyl alcohol. <i>Chemical Physics Letters</i> , 2008, 466, 21-26.	1.2	22
135	High-energy, broadly tunable, narrow-bandwidth mid-infrared optical parametric system pumped by quasi-phase-matched devices. <i>Optics Letters</i> , 2008, 33, 1699.	1.7	42
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