

# Shun-ichi Ishiuchi

## List of Publications by Year in descending order

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113  
papers

2,309  
citations

172386

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116  
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116  
docs citations

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times ranked

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#	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 benzocaineH <sup>+</sup> (H <sub>2</sub> O) <sub>n</sub> . <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 <sup>+</sup> Complexes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 1754-1758.	2.1	16
7	Potassium and sodium ion complexes with a partial peptide of the selectivity filter in K <sup>+</sup> 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
8	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
9	Double Ion Trap Laser Spectroscopy of Alkali Metal Ion Complexes with a Partial Peptide of the Selectivity Filter in K <sup>+</sup> Channels: Temperature Effect and Barrier for Conformational Conversions. <i>Journal of Physical Chemistry A</i> , 2021, 125, 9609-9618.	1.1	12
10	Biomolecular Interactions Probed by Cold Ion Spectroscopy. <i>Seibutsu Butsuri</i> , 2021, 61, 382-384.	0.0	0
11	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
12	Chiral discrimination between tyrosine and $\beta$ -cyclodextrin revealed by cryogenic ion trap infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 24887-24894.	1.3	15
13	Alkali and Alkaline Earth Metal Ions Complexes with a Partial Peptide of the Selectivity Filter in K <sup>+</sup> Channels Studied by a Cold Ion Trap Infrared Spectroscopy. <i>ChemPhysChem</i> , 2020, 21, 687-687.	1.0	0
14	Alkali and Alkaline Earth Metal Ions Complexes with a Partial Peptide of the Selectivity Filter in K <sup>+</sup> Channels Studied by a Cold Ion Trap Infrared Spectroscopy. <i>ChemPhysChem</i> , 2020, 21, 712-724.	1.0	17
15	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
16	Excited state hydrogen transfer dynamics in phenol-(NH <sub>3</sub> ) <sub>2</sub> studied by picosecond UV-near IR-UV time-resolved spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 5740-5748.	1.3	4
17	Ionization-Induced H Site Switching in Resorcinol-Ar <sub>n</sub> ( <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
18	Probing the selectivity of Li <sup>+</sup> and Na <sup>+</sup> cations on noradrenaline at the molecular level. <i>Faraday Discussions</i> , 2019, 217, 396-413.	1.6	3

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19	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
20	Can the Partial Peptide SIVSF of the $\beta_2$ -Adrenergic Receptor Recognize Chirality of the Epinephrine Neurotransmitter?. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2470-2474.	2.1	13
21	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
22	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
23	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
24	Innenteilbild: Molecular Recognition by a Short Partial Peptide of the Adrenergic Receptor: A Bottom-Up Approach (Angew. Chem. 20/2018). <i>Angewandte Chemie</i> , 2018, 130, 5658-5658.	1.6	0
25	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
26	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
27	Entropic effects make a more tightly folded conformer of a $\beta$ -amino acid less stable: UV-UV hole burning and IR dip spectroscopy of $\beta$ -homotryptophan using a laser desorption supersonic jet technique. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19979-19986.	1.3	3
28	Conformation of protonated glutamic acid at room and cryogenic temperatures. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 10767-10776.	1.3	16
29	A conformational study of protonated noradrenaline by UV-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
30	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
31	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
32	Gas phase ultraviolet and infrared spectroscopy on a partial peptide of $\beta_2$ -adrenoceptor SIVSF-NH <sub>2</sub> by a laser desorption supersonic jet technique. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23277-23284.	1.3	19
33	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
34	Structural motifs of 2-(2-fluoro-phenyl)-ethylamine conformers. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1191-1201.	1.3	10
35	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
36	Gas Phase Spectroscopy of Catecholamines and Relevant Molecules by Laser Desorption Supersonic Jet Technique. <i>Molecular Science</i> , 2015, 9, A0075.	0.2	0

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37	Mass analyzed threshold ionization detected infrared spectroscopy: isomerization activity of the phenol <sup>+</sup> Ar cluster near the ionization threshold. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2494-2503.	1.3	12
38	UV <sup>+</sup> 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
39	Ionization-induced $\tilde{\nu}^+$ H site-switching in phenol <sup>+</sup> CH <sub>4</sub> complexes studied using IR dip spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 110-116.	1.3	13
40	Fast Nonradiative Decay in <i>o</i> -Aminophenol. <i>Journal of Physical Chemistry A</i> , 2014, 118, 2056-2062.	1.1	20
41	Solvent Migration in Microhydrated Aromatic Aggregates: Ionization <sup>+</sup> Induced Site Switching in the 4 <sup>+</sup> Aminobenzonitrile <sup>+</sup> Water Cluster. <i>Chemistry - A European Journal</i> , 2014, 20, 2031-2039.	1.7	21
42	Structure of 1-naphthol <sup>+</sup> water clusters in the S <sub>1</sub> state studied by UV <sup>+</sup> IR fluorescence dip spectroscopy and ab initio molecular orbital calculations. <i>Chemical Physics Letters</i> , 2013, 557, 19-25.	1.2	4
43	Unusual Behavior in the First Excited State Lifetime of Catechol. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3819-3823.	2.1	23
44	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
45	Gas-phase spectroscopy and anharmonic vibrational analysis of the 3-residue peptide Z-Pro-Leu-Gly-NH <sub>2</sub> by the laser desorption supersonic jet technique. <i>Chemical Physics</i> , 2013, 419, 145-152.	0.9	13
46	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
47	IR Spectroscopy of the 4 <sup>+</sup> Aminobenzonitrile <sup>+</sup> Ar Cluster in the S <sub>0</sub> , S <sub>1</sub> Neutral and D <sub>0</sub> Cationic States. <i>ChemPhysChem</i> , 2013, 14, 741-745.	1.0	13
48	Ground State Proton Transfer in Phenol <sup>+</sup> (NH <sub>3</sub> ) <sub>n</sub> ( <i>n</i> = 11) Clusters Studied by Mid-IR Spectroscopy in 3 <sup>+</sup> 10 <sup>+</sup> 4m Range. <i>Journal of Physical Chemistry A</i> , 2013, 117, 1522-1530.	1.1	30
49	Microsolvation of the 4 <sup>+</sup> Aminobenzonitrile Cation (ABN <sup>+</sup> ) in a Nonpolar Solvent: IR Spectra of ABN <sup>+</sup> + $\tilde{\nu}_L$ n (L=Ar and N <sub>2</sub> , <i>n</i> = 4). <i>ChemPhysChem</i> , 2013, 14, 728-740.	1.0	17
50	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
51	Laser Desorption Supersonic Jet Spectroscopy of Octopamine by Its Hydrochloride Salt. <i>Chemistry Letters</i> , 2013, 42, 1166-1167.	0.7	5
52	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
53	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
54	Photoionization-induced large-amplitude pendular motion in phenol <sup>+</sup> Kr. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2744-2747.	1.3	32

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55	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
56	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
57	Ionization-induced $\tilde{\nu}^+$ H site switching dynamics in phenol- $\text{Ar}_3$ . <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 2409-2416.	1.3	37
58	Gas-phase Infrared Spectroscopy of Mono-peptides from 10 to 3 $\mu\text{m}$ . <i>Chemistry Letters</i> , 2011, 40, 1157-1158.	0.7	3
59	Static and Dynamic Structures of Phenol/Ar Clusters Studied by Multiresonance Laser Spectroscopy. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 1151-1168.	2.0	2
60	Isomerization reaction in high-n Rydberg states of phenol- $\text{Ar/Kr}$ clusters measured by autoionization detected infrared spectroscopy. <i>Chemical Physics Letters</i> , 2011, 513, 208-211.	1.2	16
61	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
62	Measurement of adiabatic ionization energies of the rotational isomers of <i>n</i> -propylbenzene and <i>m</i> -fluorophenol by direct VUV laser photoionization. <i>Chemical Physics Letters</i> , 2010, 485, 31-35.	1.2	1
63	Dissociation energetics of the phenol- $\text{Ar}_2$ cluster ion: The role of $\tilde{\nu}^+$ H isomerization. <i>Journal of Chemical Physics</i> , 2010, 133, 154308.	1.2	42
64	Evidence for Catechol Ring- Induced Conformational Restriction in Neurotransmitters. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1130-1133.	2.1	39
65	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
66	IR spectra of resorcinol- $\text{Ar}$ cluster cations ( $n= 1, 2$ ): Evidence for photoionization-induced $\tilde{\nu}^+$ H isomerization. <i>Chemical Physics Letters</i> , 2009, 474, 7-12.	1.2	18
67	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
68	The most stable conformer of benzyl alcohol. <i>Chemical Physics Letters</i> , 2008, 466, 21-26.	1.2	22
69	Vibrational Signature of the Conformers in Tyramine Studied by IR Dip and Dispersed Fluorescence Spectroscopies. <i>Journal of Physical Chemistry A</i> , 2008, 112, 13463-13469.	1.1	27
70	Electronic spectra of 7-azaindole/ammonia clusters and their photochemical reactivity. <i>Journal of Chemical Physics</i> , 2008, 129, 104311.	1.2	33
71	Development of High Sensitive On-Line Laser Ionization Mass Spectrometer for Environmental Hazardous Organic Compounds. <i>Bunseki Kagaku</i> , 2008, 57, 227-237.	0.1	2
72	Real-Time and Direct Measurement of Pollutants in Exhaust Gas Utilizing Supersonic Jet / Resonance Enhanced Multi-Photon Ionization. , 2008, , .		2

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73	Hydrogen transfer dynamics in a photoexcited phenol/ammonia (1:3) cluster studied by picosecond time-resolved UV-IR-UV ion dip spectroscopy. <i>Journal of Chemical Physics</i> , 2007, 127, 234304.	1.2	39
74	IR signature of the photoionization-induced hydrophobic $\leftrightarrow$ hydrophilic site switching in phenol-Arn clusters. <i>Journal of Chemical Physics</i> , 2007, 127, 114307.	1.2	58
75	Vibrational OH-Stretching Overtone Spectroscopy of Jet-Cooled Resorcinol and Hydroquinone Rotamers. <i>Journal of Physical Chemistry A</i> , 2007, 111, 6028-6033.	1.1	14
76	Structure of the Jet-Cooled 1-Naphthol Dimer Studied by IR Dip Spectroscopy: A Cooperation between the $\pi\cdots\pi$ Interaction and the Hydrogen Bonding. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1001-1005.	1.1	26
77	Hole-Burning Spectra of Phenol $\cdots$ Arn (n= 1, 2) Clusters: A Resolution of the Isomer Issue. <i>Journal of Physical Chemistry A</i> , 2007, 111, 7569-7575.	1.1	40
78	IR spectra of phenol $\cdots$ Krn cluster cations (n=1,2): Evidence for photoionization-induced $\pi\cdots\pi$ H isomerization. <i>Chemical Physics Letters</i> , 2007, 443, 227-231.	1.2	34
79	Excited state hydrogen transfer in fluorophenol $\cdots$ ammonia clusters studied by two-color REMPI spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 114-121.	1.3	36
80	Vibrational Overtone Spectroscopy of Phenol and Its Deuterated Isotopomers. <i>Journal of Physical Chemistry A</i> , 2006, 110, 7345-7354.	1.1	38
81	Development of a Supercritical Fluid Jet Technique for Supersonic Jet Laser Spectroscopy of Nonvolatile and Pyrolytic Molecules. <i>Chemistry Letters</i> , 2006, 35, 1044-1045.	0.7	3
82	Analysis of a fluorescence depletion process of Rhodamine 6G in a PMMA matrix induced by nano- and picosecond lasers. <i>Chemical Physics Letters</i> , 2006, 420, 410-415.	1.2	14
83	Development of Real Time Monitoring Apparatus Based on Jet-REMPI Technique for the Determination of Hazardous Organic Compounds. <i>Tetsu-To-Hagane/Journal of the Iron and Steel Institute of Japan</i> , 2006, 92, 262-267.	0.1	0
84	A New, Highly Sensitive Time-of-Flight Mass Spectrometer Consisting of a Flangeon-type Conical Ion Lens System and a Proto-type Daly Detector for Exhaust Gas Analysis Based on the Jet-REMPI Technique. <i>Analytical Sciences</i> , 2005, 21, 991-996.	0.8	32
85	Pulsed field ionisation $\cdots$ ZEKE photoelectron spectrum of o-, m- and p-tolunitrile. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005, 142, 215-221.	0.8	16
86	Real-Time Observation of Ionization-Induced Hydrophobic $\leftrightarrow$ Hydrophilic Switching. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6149-6151.	7.2	72
87	Four-color hole burning spectra of phenol/ammonia 1:3 and 1:4 clusters. <i>Journal of Chemical Physics</i> , 2004, 120, 3215-3220.	1.2	25
88	Vibrational Overtone Spectroscopy of Jet-Cooled Aminophenols as a Probe for Rotational Isomers. <i>Journal of Physical Chemistry A</i> , 2004, 108, 4420-4427.	1.1	28
89	Two-color far-field super-resolution microscope using a doughnut beam. <i>Chemical Physics Letters</i> , 2003, 371, 634-639.	1.2	41
90	Investigation of the fluorescence depletion process in the condensed phase; application to a tryptophan aqueous solution. <i>Chemical Physics Letters</i> , 2003, 372, 773-778.	1.2	30

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91	Predicted Spatial Resolution of Super-Resolving Fluorescence Microscopy Using Two-Color Fluorescence Dip Spectroscopy. <i>Applied Spectroscopy</i> , 2003, 57, 1312-1316.	1.2	19
92	Pulsed field ionization-ZEKE spectroscopy of 4-aminobenzonitrile $\cdot$ H <sub>2</sub> O. Hydrogen-bonding interaction in the amino site. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 1775-1779.	1.3	14
93	Photochemistry of phenol $\cdot$ (NH <sub>3</sub> ) <sub>n</sub> clusters: Solvent effect on a radical cleavage of an OH bond in an electronically excited state and intracluster reactions in the product NH <sub>4</sub> (NH <sub>3</sub> ) <sub>n</sub> <sup>+</sup> (n = 1-5). <i>Journal of Chemical Physics</i> , 2003, 119, 5149-5158.	1.2	46
94	Super-resolution Fluorescence Microscopy in Nano-meter Scale Region Using Two-color Laser Beams. <i>Hyomen Kagaku</i> , 2003, 24, 392-399.	0.0	0
95	Hydrogen transfer in photo-excited phenol/ammonia clusters by UV $\cdot$ IR $\cdot$ UV ion dip spectroscopy and ab initio molecular orbital calculations. II. Vibrational transitions. <i>Journal of Chemical Physics</i> , 2002, 117, 7083-7093.	1.2	47
96	Hydrogen transfer in photoexcited phenol/ammonia clusters by UV $\cdot$ IR $\cdot$ UV ion dip spectroscopy and ab initio molecular orbital calculations. I. Electronic transitions. <i>Journal of Chemical Physics</i> , 2002, 117, 7077-7082.	1.2	65
97	OH- and CH-Stretching Overtone Spectra of Catechol. <i>Journal of Physical Chemistry A</i> , 2002, 106, 258-266.	1.1	72
98	The PFI-ZEKE photoelectron spectrum of m-fluorophenol and its aqueous complexes: Comparing intermolecular vibrations in rotational isomers. <i>Physical Chemistry Chemical Physics</i> , 2002, 4, 2534-2538.	1.3	30
99	IR-dip and IR $\cdot$ UV hole-burning spectra of jet-cooled 4-aminobenzonitrile $\cdot$ (H <sub>2</sub> O) <sub>1</sub> . Observation of $\tilde{\nu}$ -type and $\tilde{\nu}$ -type hydrogen-bonded conformers in the CN site. <i>Chemical Physics</i> , 2002, 283, 209-219.	0.9	31
100	Structure of 1-Naphthol/Alcohol Clusters Studied by IR Dip Spectroscopy and ab Initio Molecular Orbital Calculations. <i>Journal of Physical Chemistry A</i> , 2001, 105, 10045-10053.	1.1	34
101	Structures of Carbazole $\cdot$ (H <sub>2</sub> O) <sub>n</sub> (n = 1-3) Clusters Studied by IR Dip Spectroscopy and a Quantum Chemical Calculation. <i>Journal of Physical Chemistry A</i> , 2001, 105, 8651-8657.	1.1	15
102	Structure of Hydrogen-Bonded Clusters of 7-Azaindole Studied by IR Dip Spectroscopy and ab Initio Molecular Orbital Calculation. <i>Journal of Physical Chemistry A</i> , 2001, 105, 9366-9374.	1.1	76
103	Electronic and infrared spectra of jet-cooled 4-aminobenzonitrile-H <sub>2</sub> O. Change of NH <sub>2</sub> from proton acceptor to proton donor by CN substitution. <i>Chemical Physics Letters</i> , 2001, 341, 70-76.	1.2	29
104	Picosecond time-resolved infrared spectra of photo-excited phenol $\cdot$ (NH <sub>3</sub> ) <sub>3</sub> cluster. <i>Chemical Physics Letters</i> , 2001, 347, 87-92.	1.2	49
105	Structural characterization of the acridine $\cdot$ (H <sub>2</sub> O) (n=1-3) clusters by fluorescence-detected infrared spectroscopy. <i>Chemical Physics Letters</i> , 2000, 317, 211-219.	1.2	12
106	Internal methyl group rotation in o-cresol studied by pulsed field ionization-ZEKE photoelectron spectroscopy. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2000, 108, 13-20.	0.8	18
107	Infrared dip spectra of photochemical reaction products in a phenol/ammonia cluster: examination of intracluster hydrogen transfer. <i>Chemical Physics Letters</i> , 2000, 322, 27-32.	1.2	53
108	Pulsed field ionization-ZEKE spectroscopy of cresoles and their aqueous complexes: Internal rotation of methyl group and intermolecular vibrations. <i>Faraday Discussions</i> , 2000, 115, 229-243.	1.6	17

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109	Structure and Dynamics of 9(10H)-Acridone and Its Hydrated Clusters. II. Structural Characterization of Hydrogen-Bonding Networks. Journal of Physical Chemistry A, 2000, 104, 8649-8659.	1.1	10
110	Nonresonant ionization detected IR spectrum of jet-cooled phenol. Ionization mechanism and its application to overtone spectroscopy. Chemical Physics Letters, 1998, 283, 243-250.	1.2	58
111	Structure of 1-Naphthol~Water Clusters Studied by IR Dip Spectroscopy and Ab Initio Molecular Orbital Calculations. Journal of Physical Chemistry A, 1998, 102, 6227-6233.	1.1	59
112	Overtone spectroscopy of jet-cooled phenol studied by nonresonant ionization detected IR spectroscopy., 1998,, .		1
113	Real-time Analysis of Benzene in Exhaust Gas from Driving Automobiles Using Jet-REMPI Method. , 0, , .		1