Naohiko Mikami

List of Publications by Year in Descending Order

213 papers	8,462 citations	51 h-index	78 g-index
219 ext. papers	8,757 ext. citations	3.8 avg, IF	5.63 L-index

#	Paper	IF	Citations
213	The large variation in acidity of diethyl ether cation induced by internal rotation about a single covalent bond. *Journal of Physical Chemistry A*, **2015**, 119, 4885-90	2.8	11
212	Photodetachment spectroscopy of fluorenone radical anions microsolvated with methanol: rationalizing the anomalous solvatochromic behavior due to hydrogen bonding. *Journal of Physical Chemistry A*, **2015**, 119, 3721-30	2.8	1
211	Hyperconjugation in diethyl ether cation versus diethyl sulfide cation. *Physical Chemistry Chemical Physics*, **2015**, 17, 23602-12	3.6	3
210	Isomer-selective infrared spectroscopy of the cationic trimethylamine dimer to reveal its charge sharing and enhanced acidity of the methyl groups. *Physical Chemistry Chemical Physics*, **2014**, 16, 9619-24	3.6	21
209	Experimental and theoretical investigations of isomerization reactions of ionized acetone and its dimer. *Physical Chemistry Chemical Physics*, **2012**, 14, 712-9	3.6	15
208	Experimental and theoretical determination of the accurate CH/π interaction energies in benzene-alkane clusters: correlation between interaction energy and polarizability. *Physical Chemistry Chemical Physics*, **2011**, 13, 14131-41	3.6	46
207	Solvation-induced π complex structure formation in the gas phase: a revisit to the infrared spectroscopy of [C6H6-(CH3OH)2]+. *Journal of Physical Chemistry A*, **2011**, 115, 11156-61	2.8	6
206	Infrared and electronic spectroscopy of benzene-ammonia cluster radical cations [C(6)H(6)(NH(3))(1,2)](+): observation of isolated and microsolvated π complexes. *Journal of Physical Chemistry A*, **2010**, 114, 11060-9	2.8	16
205	Catalytic Action of a Single Water Molecule in a Proton-Migration Reaction. *Angewandte Chemie*, **2010**, 122, 5018-5021	3.6	6
204	Infrared Spectra and Hydrogen-Bonded Network Structures of Large Protonated Water Clusters H+(H2O)n (n=20–200). *Angewandte Chemie*, **2010**, 122, 10317-10320	3.6	4
203	Catalytic action of a single water molecule in a proton-migration reaction. *Angewandte Chemie - International Edition*, **2010**, 49, 4898-901	16.4	24
202	Infrared spectra and hydrogen-bonded network structures of large protonated water clusters H+(H2O)n (n=20-200). *Angewandte Chemie - International Edition*, **2010**, 49, 10119-22	16.4	82
201	Intermolecular proton-transfer in acetic acid clusters induced by vacuum-ultraviolet photoionization. *Journal of Chemical Physics*, **2009**, 131, 184304	3.9	19
200	Infrared spectroscopy for acetone and its dimer based on photoionization detection with tunable coherent vacuum-ultraviolet light. *Chemical Physics Letters*, **2009**, 471, 50-53	2.5	12
199	Interpreting the physical background of empirical solvent polarity via photodetachment spectroscopy of microsolvated aromatic ketyl anions. *Journal of Physical Chemistry A*, **2009**, 113, 10593-602	2.8	5
198	Predissociation mechanism and dynamics of HCP. *Journal of Physical Chemistry A*, **2009**, 113, 13081-8	2.8	2
197	Proton switch correlated with the morphological development of the hydrogen-bond network in H+ (MeOH)m(H2O)1 (m = 1-9): a theoretical and infrared spectroscopic study. *Journal of Physical Chemistry A*, **2009**, 113, 2323-32	2.8	11

196	Vibrational spectroscopy of size-selected neutral and cationic clusters combined with vacuum-ultraviolet one-photon ionization detection. *Physical Chemistry Chemical Physics*, **2009**, 11, 1279-90	3.6	81
195	Infrared predissociation spectroscopy of cluster cations of protic molecules, (NH3)n+, n=2-4 and (CH3OH)n+, n=2,3. *Journal of Chemical Physics*, **2008**, 129, 094306	3.9	32
194	Size-selected infrared predissociation spectroscopy of neutral and cationic formamide-water clusters: stepwise growth of hydrated structures and intracluster hydrogen transfer induced by vacuum-ultraviolet photoionization. *Journal of Physical Chemistry A*, **2008**, 112, 6840-9	2.8	21
193	Solvent reorientation process in the "twisted" intramolecular charge-transfer process of cyanophenyldisilane-(H2O)2 cluster investigated by transient infrared spectroscopy. *Journal of Physical Chemistry A*, **2008**, 112, 1168-71	2.8	5
192	Comprehensive analysis of the hydrogen bond network morphology and OH stretching vibrations in protonated methanol-water mixed clusters, H(+)(MeOH)1(H2O)n (n = 1-8). *Journal of Physical Chemistry A*, **2008**, 112, 10125-33	2.8	18
191	Relaxation dynamics of NH stretching vibrations of 2-aminopyridine and its dimer in a supersonic beam. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 12690-5	11.5	30
190	Dynamics of hydrogen-bonded OH stretches as revealed by single-mode infrared-ultraviolet laser double resonance spectroscopy on supersonically cooled clusters of phenol. *Journal of Chemical Physics*, **2008**, 129, 154308	3.9	18
189	Observation of an isolated intermediate of the nucleophilic aromatic substitution reaction by infrared spectroscopy. *Angewandte Chemie - International Edition*, **2008**, 47, 6008-10	16.4	20
188	Observation of an Isolated Intermediate of the Nucleophilic Aromatic Substition Reaction by Infrared Spectroscopy. *Angewandte Chemie*, **2008**, 120, 6097-6099	3.6	3
187	Photoelectron spectroscopy of microsolvated benzophenone radical anions to reveal the origin of solvatochromic shifts in alcoholic media. *Chemical Physics Letters*, **2008**, 457, 18-22	2.5	7
186	Experimental and theoretical determination of the accurate interaction energies in benzene-halomethane: the unique nature of the activated CH/pi interaction of haloalkanes. *Physical Chemistry Chemical Physics*, **2008**, 10, 2836-43	3.6	72
185	Stepwise solvatochromism of ketyl anions in the gas phase: photodetachment excitation spectroscopy of benzophenone and acetophenone radical anions microsolvated with methanol. *Journal of Physical Chemistry A*, **2007**, 111, 7646-52	2.8	6
184	Direct observation of the solvent reorientation dynamics in the "twisted" intramolecular charge-transfer process of cyanophenyldisilane-water cluster by transient infrared spectroscopy. *Physical Chemistry Chemical Physics*, **2007**, 9, 117-26	3.6	10
183	Theoretical analyses of the morphological development of the hydrogen bond network in protonated methanol clusters. *Journal of Physical Chemistry A*, **2007**, 111, 9438-45	2.8	23
182	Magnitude and nature of interactions in benzene-X (X=ethylene and acetylene) in the gas phase: significantly different CH/pi interaction of acetylene as compared with those of ethylene and methane. *Journal of Physical Chemistry A*, **2007**, 111, 753-8	2.8	103
181	Stimulated Raman spectroscopy combined with vacuum ultraviolet photoionization: Application to jet-cooled methanol clusters as a new vibrational spectroscopic method for size-selected species in the gas phase. *Chemical Physics Letters*, **2007**, 442, 217-219	2.5	7
180	Compatibility between methanol and water in the three-dimensional cage formation of large-sized protonated methanol-water mixed clusters. *Journal of Chemical Physics*, **2007**, 126, 194306	3.9	26
179	Long range influence of an excess proton on the architecture of the hydrogen bond network in large-sized water clusters. *Journal of Chemical Physics*, **2007**, 126, 231101	3.9	45

178	Infrared and electronic spectroscopy of a model system for the nucleophilic substitution intermediate in the gas phase: the C-N valence bond formation in the benzene-ammonia cluster cation. *Journal of Physical Chemistry A*, **2006**, 110, 6387-90	2.8	18
177	Complete infrared spectroscopic characterization of phenol-borane-trimethylamine dihydrogen-bonded complex in the gas phase. *Journal of Chemical Physics*, **2006**, 124, 241103	3.9	18
176	IR laser manipulation of cistrans isomerization of 2-naphthol and its hydrogen-bonded clusters. *Journal of Chemical Physics*, **2006**, 124, 054315	3.9	11
175	Infrared predissociation spectroscopy of ammonia cluster cations (NH3)n+ (n=2-4) produced by vacuum-ultraviolet photoionization. *Journal of Chemical Physics*, **2006**, 125, 164320	3.9	14
174	Origin of the attraction in aliphatic C-H/pi interactions: infrared spectroscopic and theoretical characterization of gas-phase clusters of aromatics with methane. *Journal of Physical Chemistry A*, **2006**, 110, 10583-90	2.8	94
173	Electron localization in negatively charged formamide clusters studied by photodetachment spectroscopy. *Physical Chemistry Chemical Physics*, **2006**, 8, 827-33	3.6	17
172	Magnitude of the CH/pi interaction in the gas phase: experimental and theoretical determination of the accurate interaction energy in benzene-methane. *Journal of Physical Chemistry A*, **2006**, 110, 4397-404	2.8	130
171	Infrared vibrational autodetachment spectroscopy of microsolvated benzonitrile radical anions. *Journal of Physical Chemistry A*, **2006**, 110, 13712-6	2.8	9
170	Picosecond IR-UV pump-probe study on the vibrational relaxation of phenol-ethylene hydrogen-bonded cluster: difference of relaxation route/rate between the donor and the acceptor site excitations. *Journal of Physical Chemistry A*, **2006**, 110, 6250-5	2.8	13
169	Infrared spectroscopy of size-selected neutral clusters combined with vacuum-ultraviolet-photoionization mass spectrometry. *Chemical Physics Letters*, **2006**, 422, 378-381	2.5	35
168	Picosecond time-resolved study on the intramolecular vibrational energy redistribution of NH stretching vibration of jet-cooled aniline and its isotopomer. *Chemical Physics Letters*, **2006**, 432, 421-425	2.5	12
167	Determination of the equilibrium structure of the charge-transfer state of (p-Cyanophenyl)pentamethyldisilane by means of transient infrared spectroscopy. *Journal of Physical Chemistry A*, **2005**, 109, 8959-61	2.8	10
166	Electronic and infrared spectroscopy of [benzene-(methanol)(n)](+) (n = 1-6). *Journal of Physical Chemistry A*, **2005**, 109, 9471-80	2.8	13
165	Picosecond IR-UV pump-probe spectroscopic study on the intramolecular vibrational energy redistribution of NH2 and CH stretching vibrations of jet-cooled aniline. *Journal of Chemical Physics*, **2005**, 123, 124316	3.9	27
164	Morphology of protonated methanol clusters: an infrared spectroscopic study of hydrogen bond networks of H+(CH3OH)n (n = 4-15). *Journal of Physical Chemistry A*, **2005**, 109, 138-41	2.8	47
163	First observation of a dihydrogen bond involving the Si-H group in phenol-diethylmethylsilane clusters by infrared-ultraviolet double-resonance spectroscopy. *Journal of Chemical Physics*, **2005**, 123, 224309	3.9	18
162	Laser spectroscopic investigation of salicylic acids hydrogen bonded with water in supersonic jets: Microsolvation effects for excited state proton dislocation. *Journal of Physical Chemistry A*, **2005**, 109, 2498-504	2.8	25
161	First observation of the B1A1 state of SiH2 and SiD2 radicals by optical-optical double resonance spectroscopy. *Journal of Chemical Physics*, **2005**, 122, 154302	3.9	8

160	Infrared Spectroscopic Evidence for Protonated Water Clusters Forming Nanoscale Cages.. *ChemInform*, **2004**, 35, no		3
159	Electronic spectroscopy of benzene–water cluster cations, [C6H6–(H2O)n]+ (n=1–4): spectroscopic evidence for phenyl radical formation through size-dependent intracluster proton transfer reactions. *Chemical Physics Letters*, **2004**, 399, 412-416	2.5	32
158	Characteristic distributions of negatively charged N-monosubstituted amide clusters generated by electron attachment in supersonic expansions. *Physical Chemistry Chemical Physics*, **2004**, 6, 2725	3.6	8
157	Infrared spectroscopic evidence for protonated water clusters forming nanoscale cages. *Science*, **2004**, 304, 1134-7	33.3	448
156	Real-time detection of doorway states in the intramolecular vibrational energy redistribution of the OH/OD stretch vibration of phenol. *Journal of Chemical Physics*, **2004**, 121, 11530-4	3.9	34
155	Infrared Spectroscopy of Size-Selected Benzene–Water Cluster Cations [C6H6–(H2O)n]+ (n = 1–23): Hydrogen Bond Network Evolution and Microscopic Hydrophobicity. *Journal of Physical Chemistry A*, **2004**, 108, 10656-10660	2.8	50
154	A Molecular Cluster Study on Activated CH/π Interactions: Infrared Spectroscopy of Aromatic Molecule–Acetylene Clusters. *Journal of Physical Chemistry A*, **2004**, 108, 2652-2658	2.8	65
153	Binding Energy of the Benzene–Water Cluster Cation: An Ar-Mediated IR Photodissociation Study. *Journal of Physical Chemistry A*, **2004**, 108, 8269-8272	2.8	33
152	Picosecond IR-UV pump-probe spectroscopic study of the dynamics of the vibrational relaxation of jet-cooled phenol. II. Intracluster vibrational energy redistribution of the OH stretching vibration of hydrogen-bonded clusters. *Journal of Chemical Physics*, **2004**, 120, 7410-7	3.9	37
151	Picosecond IR-UV pump-probe spectroscopic study of the dynamics of the vibrational relaxation of jet-cooled phenol. I. Intramolecular vibrational energy redistribution of the OH and CH stretching vibrations of bare phenol. *Journal of Chemical Physics*, **2004**, 120, 7400-9	3.9	42
150	First observation of ionic π-hydrogen bonds; vibrational spectroscopy of dihydrated naphthalene anion (Nph–(H2O)2). *Chemical Physics Letters*, **2003**, 370, 535-541	2.5	14
149	Substitution effects on the excited-state intramolecular proton transfer of salicylic acid: an infrared spectroscopic study on the OH stretching vibrations of jet-cooled 5-methoxysalicylic acid. *Chemical Physics Letters*, **2003**, 376, 788-793	2.5	21
148	Spectroscopic Investigation on the Microscopic Solvation Effect on the Intramolecular Charge-Transfer Process of (p-Cyanophenyl)pentamethyldisilane in Supersonic Jets. *Journal of Physical Chemistry A*, **2003**, 107, 10781-10786	2.8	8
147	NH Stretching Vibrations of Jet-Cooled Aniline and Its Derivatives in the Neutral and Cationic Ground States. *Journal of Physical Chemistry A*, **2003**, 107, 3678-3686	2.8	42
146	Infrared spectroscopy of hydrated benzene cluster cations, [C6H6-(H2O)n]+(n = 1–8): Structural changes upon photoionization and proton transfer reactions. *Physical Chemistry Chemical Physics*, **2003**, 5, 1137-1148	3.6	72
145	IR induced cis<-trans isomerization of 2-naphthol: Catalytic role of hydrogen-bond in the photoinduced isomerization. *Journal of Chemical Physics*, **2003**, 119, 2947-2950	3.9	15
144	Stimulated Emission Pumping Spectroscopy of SiH2: First Observation of the Spin–Orbit Interaction between the X 1A1 and the ã 3B1 States. *Journal of Molecular Spectroscopy*, **2002**, 216, 90-97	1.3	10
143	Vibrational spectroscopic evidence of unconventional hydrogen bonds. *International Journal of Mass Spectrometry*, **2002**, 220, 289-312	1.9	47

142	Gas phase dihydrogen bonding: clusters of borane-amines with phenol and aniline. *Chemical Physics* , **2002**, 283, 193-207	2.3	32
141	Rotational analysis of jet-cooled phenylpentamethyldisilane: vibronic interaction with the intramolecular charge-transfer state. *Chemical Physics*, **2002**, 283, 379-388	2.3	4
140	Fluorescence enhancement detected IR (FEDIR) spectroscopy: a new background free IR spectroscopic technique for highly fluorescent molecules. *Chemical Physics Letters*, **2002**, 361, 453-456	2.5	5
139	Dihydrogen bonded phenol–borane-dimethylamine complex: An experimental and theoretical study. *Journal of Chemical Physics*, **2002**, 116, 6056-6063	3.9	29
138	Intramolecular charge-transfer process of jet-cooled (p-cyanophenyl)pentamethyldisilane: roles of the torsional motion and the Si-Si bond change. *Journal of the American Chemical Society*, **2002**, 124, 6220-30	16.4	21
137	An Infrared Study of Hydrogen Bonds in Micro-solvated Phenol: OH Stretching Vibrations of Phenol(X (X = C6H6, C2H4, and C2H2) Clusters in the Neutral and Cationic Ground States. *Journal of Physical Chemistry A*, **2002**, 106, 8554-8560	2.8	75
136	Structure and Photoinduced Excited State Keto–Enol Tautomerization of 7-Hydroxyquinoline-(CH3OH)n Clusters. *Journal of Physical Chemistry A*, **2002**, 106, 5591-5599	2.8	61
135	A New Electronic State of Aniline Observed in the Transient IR Absorption Spectrum from S1in a Supersonic Jet. *Journal of Physical Chemistry A*, **2002**, 106, 11070-11074	2.8	53
134	CH stretching vibrations of benzene and toluene in their S1 states observed by double resonance vibrational spectroscopy in supersonic jets. *Physical Chemistry Chemical Physics*, **2002**, 4, 1537-1541	3.6	27
133	Direct Observation of Weak Hydrogen Bonds in Microsolvated Phenol: Infrared Spectroscopy of OH Stretching Vibrations of Phenol(CO and (CO2 in S0 and D0. *Journal of Physical Chemistry A*, **2002**, 106, 10124-10129	2.8	45
132	OH stretching vibrations and hydrogen-bonded structures of 7-hydroxyquinoline-(H2O)1,2 investigated by IR–UV double-resonance spectroscopy. *Chemical Physics Letters*, **2001**, 338, 52-60	2.5	19
131	Infrared spectroscopy of the benzene–H2O cluster cation: experimental study on the drastic structural change upon photoionization. *Chemical Physics Letters*, **2001**, 349, 431-436	2.5	55
130	Mode dependent intracluster vibrational energy redistribution rate in size-selected benzonitrile(CHCl3)n=1,2 clusters. *Journal of Chemical Physics*, **2001**, 114, 7866-7876	3.9	13
129	Predissociation of Rydberg states of CO investigated by the detection of atomic fragments. *Journal of Chemical Physics*, **2001**, 114, 7886-7900	3.9	14
128	Gas phase dihydrogen bonded phenol–borane–trimethylamine complex. *Journal of Chemical Physics* , **2001**, 114, 8877-8879	3.9	32
127	Picosecond IR–UV Pump–Probe Spectroscopy. IVR of OH Stretching Vibration of Phenol and Phenol Dimer. *Journal of Physical Chemistry A*, **2001**, 105, 8623-8628	2.8	56
126	Dehydrogenation Reaction from a Dihydrogen Bonded Precursor Complex in the Gas Phase. *Journal of Physical Chemistry A*, **2001**, 105, 10753-10758	2.8	19
125	Photofragment-Detected IR Spectroscopy (PFDIRS) for the OH Stretching Vibration of the Hydrogen-Bonded Clusters in the S1 StateApplication to 2-Naphthol-B (B = H2O and CH3OH) Clusters. *Journal of Physical Chemistry A*, **2001**, 105, 5727-5730	2.8	26

124	Infrared Spectroscopy of the OH Stretching Vibrations of Jet-Cooled Salicylic Acid and Its Dimer in S0 and S1. *Journal of Physical Chemistry A*, **2001**, 105, 10673-10680	2.8	53
123	Infrared Photodissociation Spectroscopy of n-Propylbenzene–Ar Cluster Cations: Charge Delocalization between the Aromatic Ring and the Alkyl Chain. *Journal of Physical Chemistry A*, **2001**, 105, 4882-4886	2.8	8
122	IR–UV Double-Resonance Spectroscopic Study of 2-Hydroxypyridine and Its Hydrogen-Bonded Clusters in Supersonic Jets. *Journal of Physical Chemistry A*, **2001**, 105, 3475-3480	2.8	48
121	Electronic and Vibrational Spectroscopy of Dihydrogen Bonded 2-Pyridone–Borane–Trimethylamine Complex in Supersonic Jets. *Journal of Physical Chemistry A*, **2001**, 105, 8642-8645	2.8	19
120	Vibrational spectra and relaxation of benzonitrile and its clusters using time-resolved stimulated Raman–UV double resonance spectroscopy. *Journal of Raman Spectroscopy*, **2000**, 31, 295-304	2.3	17
119	Autoionization-detected infrared (ADIR) spectroscopy of molecular cations. *Journal of Electron Spectroscopy and Related Phenomena*, **2000**, 108, 21-30	1.7	9
118	Vibrationally autoionizing Rydberg clusters: Spectroscopy and dynamics of pyrazine–Ar and –Xe clusters. *Journal of Chemical Physics*, **2000**, 113, 8000-8008	3.9	6
117	Infrared spectroscopy of CH stretching vibrations of jet-cooled alkylbenzene cations by using the messenger technique. *Journal of Chemical Physics*, **2000**, 112, 6275-6284	3.9	61
116	Population labeling spectroscopy for the electronic and the vibrational transitions of 2-pyridone and its hydrogen-bonded clusters. *Journal of Chemical Physics*, **2000**, 113, 573-580	3.9	71
115	Evidence of a dihydrogen bond in gas phase: Phenol–Borane-dimethylamine complex. *Journal of Chemical Physics*, **2000**, 113, 9885-9888	3.9	44
114	Autoionization-detected infrared spectroscopy of intramolecular hydrogen bonds in aromatic cations. II. Unconventional intramolecular hydrogen bonds. *Journal of Chemical Physics*, **2000**, 112, 137-148	3.9	27
113	Vibrational Spectroscopy for Size-Selected Fluorene–(H2O)n=1,2 Clusters in Supersonic Jets. *Journal of Physical Chemistry A*, **2000**, 104, 11891-11896	2.8	11
112	Vibrational Relaxation of OH and OD Stretching Vibrations of Phenol and Its Clusters Studied by IR–UV Pump–Probe Spectroscopy. *Journal of Physical Chemistry A*, **2000**, 104, 7974-7979	2.8	44
111	Autoionization-Detected Infrared Spectroscopy of Jet-Cooled Naphthol Cations. *Journal of Physical Chemistry A*, **2000**, 104, 7227-7232	2.8	19
110	Structures of hydrogen-bonded clusters of benzyl alcohol with water investigated by infrared-ultraviolet double resonance spectroscopy in supersonic jet. *Journal of Chemical Physics*, **1999**, 111, 8438-8447	3.9	47
109	Infrared spectroscopy of the phenol-N2 cluster in S0 and D0: Direct evidence of the in-plane structure of the cluster. *Journal of Chemical Physics*, **1999**, 110, 11125-11128	3.9	56
108	Vibrational spectroscopy of 2-pyridone and its clusters in supersonic jets: Structures of the clusters as revealed by characteristic shifts of the NH and C=O bands. *Journal of Chemical Physics*, **1999**, 110, 8397-8407	3.9	142
107	Structures and the vibrational relaxations of size-selected benzonitrile–(H2O)n=1–3 and –(CH3OH)n=1–3 clusters studied by fluorescence detected Raman and infrared spectroscopies. *Journal of Chemical Physics*, **1999**, 110, 9504-9515	3.9	71

106	Autoionization-detected infrared spectroscopy of jet-cooled aromatic cations in the gas phase: CH stretching vibrations of isolated p-ethylphenol cations. *Chemical Physics Letters*, **1999**, 303, 289-294	2.5	22
105	Observation of the nuCH Excited Vibrational Levels in the 1A" State of HCP by IR-UV Double Resonance Spectroscopy. *Journal of Molecular Spectroscopy*, **1999**, 194, 52-60	1.3	8
104	Autoionization-detected infrared spectroscopy of intramolecular hydrogen bonds in aromatic cations. I. Principle and application to fluorophenol and methoxyphenol. *Journal of Chemical Physics*, **1999**, 110, 4238-4247	3.9	65
103	Discrimination of Rotamers of Aryl Alcohol Homologues by Infrared–Ultraviolet Double-Resonance Spectroscopy in a Supersonic Jet. *Journal of the American Chemical Society*, **1999**, 121, 5705-5711	16.4	58
102	Intracluster Ion–Molecule Reactions of Dimer Cations of Phenylsilanes. *Journal of Physical Chemistry A*, **1999**, 103, 2007-2012	2.8	4
101	Observation of the Highly Excited Vibrational Levels of HCP: Application of IR-UV-SEP Triple Resonance Spectroscopy. *Chemistry Letters*, **1999**, 28, 941-942	1.7	3
100	Mode-dependent anharmonic coupling between OH stretching and intermolecular vibrations of the hydrogen-bonded clusters of phenol. *Chemical Physics*, **1998**, 231, 199-204	2.3	15
99	Vibrational spectroscopy of small-sized hydrogen-bonded clusters and their ions. *International Reviews in Physical Chemistry*, **1998**, 17, 331-361	7	344
98	Infrared Spectroscopy of Intramolecular Hydrogen-Bonded OH Stretching Vibrations in Jet-Cooled Methyl Salicylate and Its Clusters. *Journal of Physical Chemistry A*, **1998**, 102, 9779-9784	2.8	33
97	A New Type of Intramolecular Hydrogen Bonding: Hydroxyl–Methyl Interactions in the o-Cresol Cation. *Journal of the American Chemical Society*, **1998**, 120, 13256-13257	16.4	27
96	Discrimination of s-cis/s-trans conformers of jet-cooled methyl cinnamate by population labelling spectroscopy. *Research on Chemical Intermediates*, **1998**, 24, 803-812	2.8	5
95	Characterizations of the hydrogen-bond structures of 2-naphthol-(H2O)n (n=0–3 and 5) clusters by infrared-ultraviolet double-resonance spectroscopy. *Journal of Chemical Physics*, **1998**, 109, 6303-6311	3.9	71
94	Predissociation of the Rydberg states of CO: State specific predissociation to the triplet channel. *Journal of Chemical Physics*, **1998**, 108, 1765-1768	3.9	16
93	Photodestruction spectroscopy of carbon disulfide cluster anions (CS2)n, n=1–4: Evidence for the dimer core structure and competitive reactions of the dimer anion. *Journal of Chemical Physics*, **1998**, 108, 1368-1376	3.9	35
92	Spectroscopic investigation of the generation of Isomerization states: Eigenvector analysis of the bend-CP stretch polyad. *Journal of Chemical Physics*, **1998**, 109, 492-503	3.9	33
91	Microscopic Solvation Effects on Si-Si Bond Cleavage Reactions of Cluster Cation Radicals of (p-Cyanophenyl)pentamethyldisilane with Hydroxylic Molecules. *Chemistry Letters*, **1998**, 27, 415-416	1.7	
90	Observation of the Isomerization states of HCP by stimulated emission pumping spectroscopy: Comparison between theory and experiment. *Journal of Chemical Physics*, **1997**, 106, 2980-2983	3.9	31
89	Degenerate four-wave mixing and photofragment yield spectroscopic study of jet-cooled SO2 in the C 1B2 state: Internal conversion followed by dissociation in the X state. *Journal of Chemical Physics*, **1997**, 107, 8752-8758	3.9	41

88	Observation of Intramolecular Hydrogen Bonds ofo-Fluorophenol Ions by Using Autoionization Detected Infrared Spectroscopy. *Chemistry Letters*, **1997**, 26, 1099-1100	1.7	14
87	Intracluster Ion−Molecule Reactions of Phenylsilane Dimer Cation following the Charge Resonance Band Excitation. *Journal of Physical Chemistry A*, **1997**, 101, 9257-9259	2.8	2
86	Autoionization-Detected Infrared Spectroscopy of Molecular Ions. *Journal of Physical Chemistry A*, **1997**, 101, 5963-5965	2.8	55
85	First Observation of Intramolecular Charge-Transfer Emission from Jet-Cooled (p-Cyanophenyl)pentamethyldisilane in an Isolated Molecular Condition. *Journal of the American Chemical Society*, **1997**, 119, 7400-7401	16.4	28
84	Infrared Spectroscopy of (Phenol)n+ (n = 2−4) and (Phenol−Benzene)+ Cluster Ions. *Journal of Physical Chemistry A*, **1997**, 101, 1798-1803	2.8	21
83	Photodetachment of small water cluster anions in the near-infrared through the visible region. *Chemical Physics Letters*, **1997**, 264, 292-296	2.5	32
82	Size Dependence of Intracluster Proton Transfer of Phenol(H2O)n (n = 1−4) Cations. *The Journal of Physical Chemistry*, **1996**, 100, 4765-4769		45
81	Hole-Burning and Stimulated Raman−UV Double Resonance Spectroscopies of Jet-Cooled Toluene Dimer. *The Journal of Physical Chemistry*, **1996**, 100, 10531-10535		33
80	Characterization of the Hydrogen-Bonded Cluster Ions [Phenol(H2O)n]+ (n = 1−4), (Phenol)2+, and (Phenol−Methanol)+ As Studied by Trapped Ion Infrared Multiphoton Dissociation Spectroscopy of Their OH Stretching Vibrations. *The Journal of Physical Chemistry*, **1996**, 100, 8131-8138		83
79	Size-selected vibrational spectra of phenol-(H2O)n (n=1−4) clusters observed by IR−UV double resonance and stimulated Raman-UV double resonance spectroscopies. *Journal of Chemical Physics*, **1996**, 105, 408-419	3.9	240
78	Infrared spectroscopy of precursor clusters for nucleophilic substitution reactions: fluorobenzene-(CH3OH)n (n = 1 and 2). *Chemical Physics Letters*, **1996**, 256, 1-7	2.5	21
77	Structures of size-selected hydrogen-bonded phenol-(H2O)n clusters in S0, S1 and ion. *International Journal of Mass Spectrometry and Ion Processes*, **1996**, 159, 111-124		60
76	Infrared Spectroscopy of Hydrogen-Bonded Phenol−Amine Clusters in Supersonic Jets. *The Journal of Physical Chemistry*, **1996**, 100, 16053-16057		138
75	Infrared spectroscopy of OH stretching vibrations of hydrogen-bonded tropolone-(H2O)n (n=1−3) and tropolone-(CH3OH)n (n=1 and 2) clusters. *Journal of Chemical Physics*, **1996**, 105, 2618-2627	3.9	65
74	OH Stretching Vibrations of Phenol(H2O)1 and Phenol(H2O)3 in the S1 State. *The Journal of Physical Chemistry*, **1996**, 100, 546-550		125
73	Rotational structure and dissociation of the Rydberg states of CO investigated by ion-dip spectroscopy. *Journal of Chemical Physics*, **1995**, 103, 2420-2435	3.9	29
72	Evidence for the Cyclic Form of Phenol Trimer: Vibrational Spectroscopy of the OH Stretching Vibrations of Jet-Cooled Phenol Dimer and Trimer. *The Journal of Physical Chemistry*, **1995**, 99, 5761-5764		108
71	Spectroscopic Study of Intracluster Proton Transfer in Small Size Hydrogen-Bonding Clusters of Phenol. *Bulletin of the Chemical Society of Japan*, **1995**, 68, 683-695	5.1	65

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