

Otto Dopfer

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7101595/otto-dopfer-publications-by-year.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

245
papers

7,561
citations

50
h-index

69
g-index

262
ext. papers

8,037
ext. citations

5.2
avg, IF

6.23
L-index

#	Paper	IF	Citations
245	Infrared Spectrum of the Amantadine Cation: Opening of the Diamondoid Cage upon Ionization.. <i>Journal of Physical Chemistry Letters</i> , 2022 , 13, 449-454	6.4	0
244	Isomer-Selective Spectroscopy and Dynamics of Phenol-Ar (Ar) Clusters. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 9969-9981	2.8	
243	Structure and photochemistry of a potential precursor of circumstellar dust: The optical spectrum of Si4C2+. <i>Journal of Molecular Spectroscopy</i> , 2021 , 377, 111427	1.3	0
242	Interaction of Alkali Ions with Flavins: Infrared and Optical Spectra of Metal-Riboflavin Complexes. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 3146-3158	2.8	2
241	Microhydration of ionized building blocks of DNA/RNA: infrared spectra of pyrimidine(^{+})-(\hbox{H}_{2}\hbox{O})_{1-3} clusters. <i>European Physical Journal D</i> , 2021 , 75, 1	1.3	1
240	Near-Infrared Spectrum of the First Excited State of Au. <i>Chemistry - A European Journal</i> , 2021 , 27, 15074-18079		
239	Infrared action spectroscopy of nitrous oxide on cationic gold and cobalt clusters. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 329-338	3.6	6
238	Optical spectroscopy of cryogenic metalated flavins: The O2(+) isomers of M+lumiflavin (M=LiCl). <i>Journal of Photochemistry and Photobiology</i> , 2020 , 3-4, 100009	0.8	2
237	Innentitelbild: The Optical Spectrum of Au2+ (Angew. Chem. 48/2020). <i>Angewandte Chemie</i> , 2020 , 132, 21434-21434	3.6	
236	Infrared Spectrum of the Adamantane -Water Cation: Hydration-Induced C-H Bond Activation and Free Internal Water Rotation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 12098-12104	16.4	5
235	Microhydration of protonated biomolecular building blocks: protonated pyrimidine. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 13092-13107	3.6	4
234	IRMPD Spectra of Protonated Hydroxybenzaldehydes: Evidence of Torsional Barriers in Carboxonium Ions. <i>ChemPhysChem</i> , 2020 , 21, 749-761	3.2	1
233	Protonation of Naphthalene-(Water) Nanoclusters: Intracluster Proton Transfer to Hydration Shell Revealed by Infrared Photodissociation Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 1134-1151	2.8	10
232	Microhydration of substituted diamondoid radical cations of biological relevance: infrared spectra of amantadine-(HO) clusters. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 28123-28139	3.6	1
231	Vibrational Spectroscopy of a Potential Interstellar Ion: Protonated Methyl Formate. <i>Astrophysical Journal</i> , 2020 , 898, 92	4.7	1
230	Optical Spectrum of the Adamantane Radical Cation. <i>Astrophysical Journal Letters</i> , 2020 , 900, L20	7.9	3
229	Infrared Spectrum of the Adamantane+Water Cation: Hydration-Induced C-H Bond Activation and Free Internal Water Rotation. <i>Angewandte Chemie</i> , 2020 , 132, 12196-12202	3.6	

228	Spectroscopic identification of fragment ions of DNA/RNA building blocks: the case of pyrimidine. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 17275-17290	3.6	2
227	Röktitelbild: Infrared Spectrum of the Adamantane+Water Cation: Hydration-Induced CH Bond Activation and Free Internal Water Rotation (Angew. Chem. 29/2020). <i>Angewandte Chemie</i> , 2020 , 132, 12320-12320	3.6	
226	The Optical Spectrum of Au. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21403-21408	16.4	6
225	The Optical Spectrum of Au ²⁺ . <i>Angewandte Chemie</i> , 2020 , 132, 21587-21592	3.6	2
224	Vibronic optical spectroscopy of cryogenic flavin ions: the O2+ and N1 tautomers of protonated lumiflavin. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 18328-18339	3.6	5
223	Effect of alkali ions on optical properties of flavins: vibronic spectra of cryogenic Mlumiflavin complexes (M = Li-Cs). <i>Faraday Discussions</i> , 2019 , 217, 256-275	3.6	13
222	Microhydration of protonated 5-hydroxyindole revealed by infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 2706-2718	3.6	6
221	Innentitelbild: Aromatic Charge Resonance Interaction Probed by Infrared Spectroscopy (Angew. Chem. 11/2019). <i>Angewandte Chemie</i> , 2019 , 131, 3264-3264	3.6	
220	Microhydration Structures of Protonated Oxazole. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 7637-7650	2.8	8
219	Ionization-Induced H Site Switching in Resorcinol-Ar ($\text{Ar} = \text{C}_6\text{H}_5\text{Cl}$ and 2) Clusters Probed by Infrared Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 6828-6839	2.8	1
218	Going large(r): general discussion. <i>Faraday Discussions</i> , 2019 , 217, 476-513	3.6	1
217	Pushing resolution in frequency and time: general discussion. <i>Faraday Discussions</i> , 2019 , 217, 290-321	3.6	
216	Unraveling the protonation site of oxazole and solvation with hydrophobic ligands by infrared photodissociation spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 15157-15166	3.6	8
215	Time-Resolved Study on Photo-Initiated Isomerization of Clusters 2019 , 367-395		
214	Intracluster proton transfer in protonated benzonitrile-(HO) nanoclusters: hydrated hydronium core for nD. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 25226-25246	3.6	10
213	Optical Spectroscopy of the Au ⁴⁺ Cluster: The Resolved Vibronic Structure Indicates an Unexpected Isomer. <i>Angewandte Chemie</i> , 2019 , 131, 3394-3398	3.6	7
212	Optical Spectroscopy of the Au Cluster: The Resolved Vibronic Structure Indicates an Unexpected Isomer. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3356-3360	16.4	17
211	IR photodissociation spectra of Si _x H _{4x-4+} (x = 4B): Evidence for Si-H-Si proton bridges. <i>International Journal of Mass Spectrometry</i> , 2019 , 435, 51-60	1.9	5

210	Aromatic Charge Resonance Interaction Probed by Infrared Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 3351-3355	16.4	15
209	Optical spectroscopy of isolated flavins: photodissociation of protonated lumichrome. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 7407-7414	3.6	19
208	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	3.6	8
207	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 ^{3.4}	4	
206	IR Spectrum and Structure of Protonated Monosilanol: Dative Bonding between Water and the Silylum Ion. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 2919-2923	16.4	8
205	Microhydration of PAH cations: evolution of hydration network in naphthalene-(HO) clusters (B). <i>Chemical Science</i> , 2018 , 9, 2301-2318	9.4	25
204	IR Spectrum and Structure of Protonated Monosilanol: Dative Bonding between Water and the Silylum Ion. <i>Angewandte Chemie</i> , 2018 , 130, 2969-2973	3.6	4
203	Rücktitelbild: IR Spectrum and Structure of Protonated Monosilanol: Dative Bonding between Water and the Silylum Ion (Angew. Chem. 11/2018). <i>Angewandte Chemie</i> , 2018 , 130, 3030-3030	3.6	
202	Sequential microhydration of cationic 5-hydroxyindole (5HI): infrared photodissociation spectra of 5HI-W clusters (W = HO, n B). <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 3092-3108	3.6	17
201	Effect of alkali ions on optical properties of flavins: vibronic spectra of cryogenic Mlumichrome ions (M = Li-Cs) in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 22148-22158	3.6	13
200	Stepwise microhydration of aromatic amide cations: water solvation networks revealed by the infrared spectra of acetanilide-(HO) clusters (n B). <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 3148-3164 ^{3.6}	3.6	11
199	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	3.6	10
198	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 ^{3.6}	3.6	17
197	Aromatic Charge Resonance Interaction Probed by Infrared Spectroscopy. <i>Angewandte Chemie</i> , 2018 , 131, 3389	3.6	
196	Switching of binding site from nonpolar to polar ligands toward cationic benzonitrile revealed by infrared spectroscopy. <i>Journal of Chemical Physics</i> , 2018 , 149, 174315	3.9	11
195	Infrared Signatures of Protonated Benzonitrile. <i>Astrophysical Journal</i> , 2018 , 865, 114	4.7	19
194	Double Resonance Rotational Spectroscopy of Weakly Bound Ionic Complexes: The Case of Floppy CH ₃ ⁺ -He. <i>Physical Review Letters</i> , 2018 , 121, 143001	7.4	12
193	Protonation and Sequential Microsolvation of 5-Hydroxyindole: Infrared Photodissociation Spectra of 5HIH-L with L = Ar and N (n B). <i>Journal of Physical Chemistry B</i> , 2018 , 122, 10700-10713	3.4	4

192	Conformation of protonated glutamic acid at room and cryogenic temperatures. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 10767-10776	3.6	13
191	Infrared Spectroscopy and Structures of Boron-Doped Silicon Clusters (Si_nB_m , $n = 38$, $m = 10$). <i>Journal of Physical Chemistry C</i> , 2017 , 121, 9560-9571	3.8	20
190	Microsolvation of the 5-hydroxyindole cation (5HI^+) with nonpolar and quadrupolar ligands: Infrared photodissociation spectra of $5\text{HI}^+ \cdot \text{Ln}$ clusters with $\text{L} = \text{Ar}$ and N_2 ($n \geq 3$). <i>Journal of Molecular Spectroscopy</i> , 2017 , 337, 124-136	1.3	16
189	Microsolvation of the pyrrole cation (Py^+) with nonpolar and polar ligands: infrared spectra of $\text{Py} \cdot \text{L}$ with $\text{L} = \text{Ar}$, N , and HO ($n \geq 3$). <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 3970-3986	3.6	30
188	Deciphering environment effects in peptide bond solvation dynamics by experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 22564-22572	3.6	8
187	Infrared spectroscopy of hydrated polycyclic aromatic hydrocarbon cations: naphthalene-water. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 32262-32271	3.6	25
186	BerlinTrap: A new cryogenic 22-pole ion trap spectrometer. <i>Journal of Molecular Spectroscopy</i> , 2017 , 332, 8-15	1.3	53
185	Improved tandem mass spectrometer coupled to a laser vaporization cluster ion source. <i>Review of Scientific Instruments</i> , 2017 , 88, 123110	1.7	7
184	IRMPD Spectroscopy of Metalated Flavins: Structure and Bonding of Lumiflavin Complexes with Alkali and Coinage Metal Ions. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 8297-8308	2.8	18
183	Effects of Aromatic Fluorine Substitution on Protonated Neurotransmitters: The Case of 2-Phenylethylamine. <i>Chemistry - A European Journal</i> , 2016 , 22, 8124-36	4.8	9
182	Photodissociation spectrum and structure of $\text{Au}_4 \cdot \text{H}_2\text{O}$ clusters. <i>International Journal of Mass Spectrometry</i> , 2016 , 402, 49-56	1.9	13
181	Competing Insertion and External Binding Motifs in Hydrated Neurotransmitters: Infrared Spectra of Protonated Phenylethylamine Monohydrate. <i>ChemPhysChem</i> , 2016 , 17, 232-43	3.2	23
180	Characterization of neutral boron-silicon clusters using infrared spectroscopy: The case of Si_6B . <i>International Journal of Mass Spectrometry</i> , 2016 , 395, 1-6	1.9	32
179	Structural motifs of 2-(2-fluoro-phenyl)-ethylamine conformers. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 1191-201	3.6	8
178	Photoionization-induced $\text{B} \rightarrow \text{H}$ site switching dynamics in phenol(+)- Rg ($\text{Rg} = \text{Ar}$, Kr) dimers probed by picosecond time-resolved infrared spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 24746-24754	1.7	17
177	Probing Solvation Dynamics around Aromatic and Biological Molecules at the Single-Molecular Level. <i>Chemical Reviews</i> , 2016 , 116, 5432-63	68.1	64
176	Infrared spectrum of the cold ortho-fluorinated protonated neurotransmitter 2-phenylethylamine: competition between NH_2 and NHF interactions. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 26980-26989	3.6	7
175	Vibrational spectra and structures of Si_nC clusters ($n = 3-8$). <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 18961-70	3.6	17

174	IR spectrum of the protonated neurotransmitter 2-phenylethylamine: dispersion and anharmonicity of the NH3(+)–Interaction. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 25742-54	3.6	25
173	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, 29969-77 ⁶	3.6	16
172	Simultaneous Interaction of Hydrophilic and Hydrophobic Solvents with Ethylamino Neurotransmitter Radical Cations: Infrared Spectra of Tryptamine(+)-(H ₂ O) _m -(N ₂) _n Clusters (m,n ≥ 3). <i>Journal of Physical Chemistry A</i> , 2015 , 119, 10035-51	2.8	17
171	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, 2494-503	3.6	10
170	Diastereo-specific conformational properties of neutral, protonated and radical cation forms of (1R,2S)-cis- and (1R,2R)-trans-amino-indanol by gas phase spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 25809-21	3.6	23
169	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, 1388-406	3.4	26
168	Ionization-induced H site-switching in phenol-CH ₄ complexes studied using IR dip spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 110-6	3.6	12
167	Weak hydrogen bonding motifs of ethylamino neurotransmitter radical cations in a hydrophobic environment: infrared spectra of tryptamine(+)-(N ₂) _n clusters (n ≥ 5). <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 3798-806	3.6	20
166	IRMPD spectroscopy of metalated flavins: structure and bonding of M(q+)-lumichrome complexes (M(q+) = Li ⁺ -Cs ⁺ , Ag ⁺ , Mg ²⁺). <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 14161-71	3.6	19
165	Microsolvation of the acetanilide cation (AA(+)) in a nonpolar solvent: IR spectra of AA(+)-L(n) clusters (L = He, Ar, N ₂ ; n ≥ 0). <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 7980-95	3.6	21
164	Vibrational spectra and structures of neutral SiX clusters (X = Be, B, C, N, O). <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 22364-72	3.6	21
163	Microsolvation of the formanilide cation (FA+) in a nonpolar solvent: infrared spectra of FA(+)-Ln clusters (L = Ar, N ₂ ; n ≥ 5). <i>Journal of Physical Chemistry B</i> , 2014 , 118, 3005-17	3.4	16
162	Cation–Interactions in protonated phenylalkylamines. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 7130-82.8	3.6	35
161	Size and shape dependent photoluminescence and excited state decay rates of diamondoids. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 3070-6	3.6	27
160	Solvation dynamics of a single water molecule probed by infrared spectra--theory meets experiment. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 14601-4	16.4	27
159	Aufkl \ddot{u} fung der Solvationsdynamik eines einzelnen Wassermolek \ddot{l} s durch Infrarotspektroskopie: Theorie und Experiment. <i>Angewandte Chemie</i> , 2014 , 126, 14830-14834	3.6	
158	Solvent migration in microhydrated aromatic aggregates: ionization-induced site switching in the 4-aminobenzonitrile-water cluster. <i>Chemistry - A European Journal</i> , 2014 , 20, 2031-9	4.8	19
157	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	3.9	25

156	Vibrational spectra and structures of bare and Xe-tagged cationic Si(n)O(m)+ clusters. <i>Journal of Chemical Physics</i> , 2014 , 141, 104313	3.9	10
155	Probing protonation sites of isolated flavins using IR spectroscopy: from lumichrome to the cofactor flavin mononucleotide. <i>ChemPhysChem</i> , 2014 , 15, 2550-62	3.2	26
154	Electronic and vibrational spectra of protonated benzaldehyde-water clusters, [BZ-(H ₂ O) _n]H ₊ : evidence for ground-state proton transfer to solvent for n ≥ 8. <i>Journal of Chemical Physics</i> , 2014 , 140, 124314	3.9	22
153	Infrared spectrum of the Si ₃ H ₈ ⁺ cation: evidence for a bridged isomer with an asymmetric three-center two-electron Si-H-Si bond. <i>Chemistry - A European Journal</i> , 2013 , 19, 15315-28	4.8	18
152	Experimental observation and quantum chemical characterization of the S1 <- S0 transition of protonated naphthalene-argon clusters. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 9785-93	2.8	16
151	Infrared spectrum of the disilane cation (Si ₂ H ₆ ⁺) from Ar-tagging spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 2774-81	3.6	13
150	IR Spectrum and Structure of a Protonated Disilane: Probing the Si-H-Si Proton Bridge. <i>Angewandte Chemie</i> , 2013 , 125, 1608-1611	3.6	11
149	IR spectrum and structure of a protonated disilane: probing the Si-H-Si proton bridge. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1568-71	16.4	31
148	Incipient chemical bond formation of Xe to a cationic silicon cluster: Vibrational spectroscopy and structure of the Si ₄ Xe ⁺ complex. <i>Chemical Physics Letters</i> , 2013 , 557, 49-52	2.5	10
147	IR spectroscopy of the 4-aminobenzonitrile-Ar cluster in the S0, S1 neutral and D0 cationic states. <i>ChemPhysChem</i> , 2013 , 14, 741-5	3.2	13
146	Vibrational spectra and structures of neutral Si(m)C(n) clusters (m + n = 6): sequential doping of silicon clusters with carbon atoms. <i>Journal of Physical Chemistry A</i> , 2013 , 117, 1158-63	2.8	22
145	Microsolvation of the 4-aminobenzonitrile cation (ABN ⁺) in a nonpolar solvent: IR spectra of ABN(+)-L(n) (L=Ar and N ₂ , n≥1). <i>ChemPhysChem</i> , 2013 , 14, 728-40	3.2	15
144	Ionization-induced solvent migration in acetanilide-methanol clusters inferred from isomer-selective infrared spectroscopy. <i>ChemPhysChem</i> , 2012 , 13, 3875-81	3.2	13
143	Ionisation-induced site switching dynamics in solvated aromatic clusters: phenol/rare gas n clusters as prototypical example. <i>International Reviews in Physical Chemistry</i> , 2012 , 31, 131-173	7	50
142	Infrared Spectrum and Structure of the Adamantane Cation: Direct Evidence for Jahn-Teller Distortion. <i>Angewandte Chemie</i> , 2012 , 124, 5009-5013	3.6	16
141	Benzylum versus Tropylium Ion Dichotomy: Vibrational Spectroscopy of Gaseous C ₈ H ₉ ⁺ Ions. <i>Angewandte Chemie</i> , 2012 , 124, 5031-5033	3.6	4
140	Watching Water Migration around a Peptide Bond. <i>Angewandte Chemie</i> , 2012 , 124, 6708-6711	3.6	9
139	Infrared spectrum and structure of the adamantane cation: direct evidence for Jahn-Teller distortion. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4925-9	16.4	53

138	Benzylum versus tropylum ion dichotomy: vibrational spectroscopy of gaseous C8H9+ ions. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 4947-9	16.4	38
137	Watching water migration around a peptide bond. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 6604-7	16.4	59
136	Structures and IR/UV spectra of neutral and ionic phenol-Ar(n) cluster isomers (n = 1): competition between hydrogen bonding and stacking. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 13926-41	3.6	30
135	Ionization-induced H site switching dynamics in phenol-Ar3. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 2409-16	3.6	33
134	Infrared spectrum of a protonated fluorescence dye: Acridine orange. <i>Journal of Molecular Spectroscopy</i> , 2011 , 268, 66-77	1.3	18
133	IR spectroscopy of isolated metal-organic complexes of biocatalytic interest: Evidence for coordination number four for Zn2+(imidazole)4. <i>International Journal of Mass Spectrometry</i> , 2011 , 308, 316-329	1.9	14
132	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	2.5	14
131	Infrared spectrum of the Ag(+)-(pyridine)2 ionic complex: probing interactions in artificial metal-mediated base pairing. <i>ChemPhysChem</i> , 2011 , 12, 1999-2008	3.2	20
130	Infrared spectra of the protonated neurotransmitter histamine: competition between imidazolium and ammonium isomers in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 15644-56	3.6	25
129	Infrared spectra of protonated neurotransmitters: dopamine. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 2815-23	3.6	72
128	Weak interactions in ion-L complexes of C3H3(+) isomers: competition between H-bound and C-bound structures in c-C3H3(+)L and H2CCCH(+)L (L = Ne, Ar, N2, CO2, and O2). <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 14163-75	3.6	16
127	Mass analyzed threshold ionization spectra of phenol...Ar2: ionization energy and cation intermolecular vibrational frequencies. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 6071-6	3.6	21
126	Photoionization-induced large-amplitude pendular motion in phenol(+)-Kr. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 2744-7	3.6	30
125	IR spectra of C2H5(+)-N2 isomers: evidence for dative chemical bonding in the isolated ethanediazonium ion. <i>Journal of Physical Chemistry A</i> , 2011 , 115, 11466-77	2.8	18
124	Infrared Spectra and Structures of Silver-PAH Cation Complexes. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 2052-2056	6.4	10
123	Microhydration effects on the electronic spectra of protonated polycyclic aromatic hydrocarbons: [naphthalene-(H2O)(n = 1,2)]H+. <i>Journal of Chemical Physics</i> , 2011 , 134, 074307	3.9	28
122	Dissociation energetics of the phenol(+)Ar(2) cluster ion: The role of H isomerization. <i>Journal of Chemical Physics</i> , 2010 , 133, 154308	3.9	39
121	Infrared spectra of protonated neurotransmitters: serotonin. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 13268-76	2.8	47

120	Fragmentation energetics of the phenol(+)•Ar(3) cation cluster. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 11139-43	2.8	15
119	Structure of zirconocene complexes relevant for olefin catalysis: infrared fingerprint of the Zr(C(5)H(5))(2)(OH)(CH(3)CN)(+) cation in the gas phase. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 2073-9	2.8	16
118	Dissipative wave packet dynamics of hydrophobic -> hydrophilic site switching in phenol-Ar clusters. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 9743-8	2.8	15
117	Structure and infrared spectrum of the Ag(+)•phenol ionic complex. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 11053-9	2.8	55
116	IR spectra of protonated benzaldehyde clusters, C(7)H(7)O(+)•L(n) (L=Ar,N(2);n). <i>Journal of Chemical Physics</i> , 2010 , 133, 044307	3.9	21
115	Infrared spectra and quantum chemical characterization of weakly bound clusters of the benzoyl cation with Ar and H(2)O. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 15704-14	3.6	13
114	Effect of protonation on the electronic structure of aromatic molecules: naphthaleneH+. <i>Physical Chemistry Chemical Physics</i> , 2010 , 12, 14456-8	3.6	62
113	Electronic spectra of protonated benzaldehyde clusters with Ar and N2: effect of excitation on the intermolecular potential. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 12600-4	2.8	16
112	IR Spectrum and Structure of the Phenyl Cation. <i>Angewandte Chemie</i> , 2010 , 122, 10343-10346	3.6	19
111	IR spectrum and structure of the phenyl cation. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 10145-8	16.4	38
110	Infrared and electronic spectroscopy of p-C6H4Cl2+•ln clusters with L=Ar, N2, H2O, and p-C6H4Cl2. <i>International Journal of Mass Spectrometry</i> , 2010 , 297, 85-95	1.9	19
109	Infrared and electronic spectra of microhydrated para-dichlorobenzene cluster cations. <i>Chemical Physics Letters</i> , 2010 , 485, 49-55	2.5	24
108	INFRARED SPECTRA OF ISOLATED PROTONATED POLYCYCLIC AROMATIC HYDROCARBON MOLECULES. <i>Astrophysical Journal</i> , 2009 , 706, L66-L70	4.7	96
107	Infrared spectra of protonated polycyclic aromatic hydrocarbon molecules: azulene. <i>Journal of Chemical Physics</i> , 2009 , 131, 184307	3.9	30
106	The structure of phenol-Ar(n) (n=1,2) clusters in their S(0) and S(1) states. <i>Journal of Chemical Physics</i> , 2009 , 130, 224303	3.9	36
105	IR spectra of resorcinol+•Arn cluster cations (n = 1, 2): Evidence for photoionization-induced H> H isomerization. <i>Chemical Physics Letters</i> , 2009 , 474, 7-12	2.5	16
104	Hygroscopic growth and deliquescence of NaCl nanoparticles coated with surfactant AOT. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 7678-86	2.8	22
103	Computational study on the photophysics of protonated benzene. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 5865-73	2.8	36

102	Theoretical spectroscopy of the N ₂ HAr ⁺ complex. <i>Journal of Physical Chemistry A</i> , 2008 , 112, 11283-90	2.8	5
101	IR spectrum of the ethyl cation: evidence for the nonclassical structure. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 395-7	16.4	56
100	IR Spectrum of the Ethyl Cation: Evidence for the Nonclassical Structure. <i>Angewandte Chemie</i> , 2008 , 120, 401-403	3.6	19
99	IR spectra of phenol+CO ₂ n cation clusters (n = 1-4): Hydrogen bonding versus stacking interactions. <i>Chemical Physics Letters</i> , 2008 , 457, 298-302	2.5	11
98	Vibrational spectroscopy of protonated imidazole and its complexes with water molecules: ab initio anharmonic calculations and experiments. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 7374-81	2.8	28
97	Hole-burning spectra of phenol-Arn (n = 1, 2) clusters: resolution of the isomer issue. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 7569-75	2.8	37
96	IR spectra of protonated carbonic acid and its isomeric H ₃ O ⁺ .CO ₂ complex. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4754-6	16.4	28
95	Infrared spectra of isolated protonated polycyclic aromatic hydrocarbons: protonated naphthalene. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 6714-6	16.4	85
94	IR Spectra of Protonated Carbonic Acid and Its Isomeric H ₃ O ⁺ ?CO ₂ Complex. <i>Angewandte Chemie</i> , 2007 , 119, 4838-4840	3.6	21
93	Infrarotspektroskopie isolierter protonierter polycyclischer aromatischer Kohlenwasserstoffe im Fingerprint-Bereich: protoniertes Naphthalin. <i>Angewandte Chemie</i> , 2007 , 119, 6834-6837	3.6	5
92	IR spectra of phenol+R _n cluster cations (n=1,2): Evidence for photoionization-induced E-H isomerization. <i>Chemical Physics Letters</i> , 2007 , 443, 227-231	2.5	32
91	Protonation of heterocyclic aromatic molecules: IR signature of the protonation site of furan and pyrrole. <i>International Journal of Mass Spectrometry</i> , 2007 , 267, 43-53	1.9	39
90	IR signature of the photoionization-induced hydrophobic-->hydrophilic site switching in phenol-Arn clusters. <i>Journal of Chemical Physics</i> , 2007 , 127, 114307	3.9	55
89	Microhydration of protonated biomolecular building blocks: IR spectra of protonated imidazole-water(n) complexes. <i>ChemPhysChem</i> , 2006 , 7, 107-10	3.2	45
88	IR spectroscopic features of gaseous C ₇ H ₇ O ⁺ ions: benzylum versus tropylum ion structures. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 9352-60	2.8	50
87	Spectroscopic identification of carbenium and ammonium isomers of protonated aniline (AnH ⁺): IR spectra of weakly bound AnH ⁺ -Ln clusters (L = Ar, N ₂). <i>Journal of Physical Chemistry A</i> , 2006 , 110, 12793-804	2.8	52
86	IR spectroscopic strategies for the structural characterization of isolated and microsolvated arenium ions. <i>Journal of Physical Organic Chemistry</i> , 2006 , 19, 540-551	2.1	66
85	IR spectroscopy of protonated toluene: Probing ring hydrogen shifts in gaseous arenium ions. <i>International Journal of Mass Spectrometry</i> , 2006 , 249-250, 149-154	1.9	47

84	Interaction of ionic biomolecular building blocks with nonpolar solvents: acidity of the imidazole cation (Im^+) probed by IR spectra of $\text{Im}^+ \cdot \text{Ln}$ complexes ($\text{L} = \text{Ar}, \text{N}_2$; n). <i>Journal of Physical Chemistry A</i> , 2005 , 109, 3598-607	2.8	42
83	Protonation sites of isolated fluorobenzene revealed by IR spectroscopy in the fingerprint range. <i>Journal of Physical Chemistry A</i> , 2005 , 109, 7881-7	2.8	55
82	IR Spectroscopy of Microsolvated Aromatic Cluster Ions: Ionization-Induced Switch in Aromatic Molecule-Solvent Recognition. <i>Zeitschrift Fur Physikalische Chemie</i> , 2005 , 219, 125-168	3.1	126
81	Hydrogen-bonded networks in ethanol proton wires: IR spectra of $(\text{EtOH})_q \text{H}^+ \cdot \text{Ln}$ clusters ($\text{L} = \text{Ar}/\text{N}_2$, q). <i>Journal of Physical Chemistry A</i> , 2005 , 109, 6174-86	2.8	40
80	Entrance channel complexes of cationic aromatic SN2 reactions: IR spectra of fluorobenzene- $(\text{H}_2\text{O})_n$ clusters. <i>Chemical Physics Letters</i> , 2005 , 406, 321-326	2.5	25
79	IR spectra of isolated arenium ions: hydroxyl and halogen substitution effects on aliphatic CH bonds. <i>ChemPhysChem</i> , 2005 , 6, 434-6	3.2	19
78	Real-time observation of ionization-induced hydrophobic-->hydrophilic switching. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6149-51	16.4	69
77	Real-Time Observation of Ionization-Induced Hydrophobic->Hydrophilic Switching. <i>Angewandte Chemie</i> , 2005 , 117, 6305-6307	3.6	6
76	Infrared spectrum and predissociation dynamics of $\text{H}_2\text{O}^+ \cdot \text{Ar}$. <i>Journal of Chemical Physics</i> , 2004 , 121, 12345-52	3.9	11
75	Selective infrared photodissociation of protonated para-fluorophenol isomers: substitution effects in oxonium and fluoronium ions. <i>Journal of Chemical Physics</i> , 2004 , 121, 769-72	3.9	32
74	Intermolecular interaction in an open-shell pi-bound cationic complex: IR spectrum and coupled cluster calculations for $\text{C}_2\text{H}_2^+ \cdot \text{Ar}$. <i>Journal of Chemical Physics</i> , 2004 , 121, 1744-53	3.9	20
73	Ionization-induced switch in aromatic molecule-solvent ligand recognition: Acidity of 1-naphthol- $(1-\text{Np}^+)$ rotamers probed by IR spectra of $1-\text{Np}^+ \cdot \text{Ln}$ complexes ($\text{L} = \text{Ar}/\text{N}_2$, n). <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 3801-3810	3.6	31
72	Microsolvation of the indole cation (In^+) in a nonpolar environment: IR spectra of $\text{In}^+ \cdot \text{Ln}$ complexes ($\text{L} = \text{Ar}$ and N_2 , n). <i>Physical Chemistry Chemical Physics</i> , 2004 , 6, 2732-2741	3.6	37
71	Isomer-selective detection of microsolvated oxonium and carbenium ions of protonated phenol: infrared spectra of $\text{C}_6\text{H}_7\text{O}^+ \cdot \text{Ln}$ clusters ($\text{L} = \text{Ar}/\text{N}_2$, n). <i>Journal of Chemical Physics</i> , 2004 , 120, 10470-82	3.9	58
70	Spectroscopic identification of oxonium and carbenium ions of protonated phenol in the gas phase: IR spectra of weakly bound $\text{C}_6\text{H}_7\text{O}^+ \cdot \text{L}$ dimers ($\text{L} = \text{Ne}, \text{Ar}, \text{N}_2$). <i>Journal of the American Chemical Society</i> , 2004 , 126, 1716-25	16.4	73
69	IR spectrum and structure of protonated ethanol dimer: implications for the mobility of excess protons in solution. <i>Journal of the American Chemical Society</i> , 2004 , 126, 9520-1	16.4	41
68	Getrennter spektroskopischer Nachweis von Carbenium- und Fluoronium-Isomeren von protoniertem Fluorbenzol. <i>Angewandte Chemie</i> , 2003 , 115, 1575-1579	3.6	14
67	Interaction of the Benzenium Ion with Inert Ligands: IR Spectra of $\text{C}_6\text{H}_7^+ \cdot \text{Ln}$ Cluster Cations ($\text{L} = \text{Ar}, \text{N}_2, \text{CH}_4, \text{H}_2\text{O}$). <i>Chemistry - A European Journal</i> , 2003 , 9, 3154-3161	4.8	69

66	Separate spectroscopic detection of carbenium and fluoronium isomers of protonated fluorobenzene. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 1537-40	16.4	51
65	IR spectra of para-substituted phenol+Ar cations: effect of halogenation on the intermolecular potential and OH bond strength. <i>Chemical Physics Letters</i> , 2003 , 369, 68-74	2.5	44
64	Protonation of gas-phase aromatic molecules: IR spectrum of the fluoronium isomer of protonated fluorobenzene. <i>Journal of the American Chemical Society</i> , 2003 , 125, 1421-30	16.4	70
63	Prototype Microsolvation of Aromatic Hydrocarbon Cations by Polar Ligands: IR Spectra of Benzene+Ln Clusters (L = H ₂ O, CH ₃ OH). <i>Journal of Physical Chemistry A</i> , 2003 , 107, 4046-4055	2.8	65
62	Spectroscopic and theoretical studies of CH+ 3-Rgn clusters (Rg=He, Ne, Ar): From weak intermolecular forces to chemical reaction mechanisms. <i>International Reviews in Physical Chemistry</i> , 2003 , 22, 437-495	7	136
61	Protoniertes Benzol: IR-Spektrum und Struktur von C ₆ H ₇ ⁺ . <i>Angewandte Chemie</i> , 2002 , 114, 3781-3784	3.6	39
60	Protonated benzene: IR spectrum and structure of C(6)H(7)(+). <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 3628-31. 3517	16.4	157
59	Interaction of C ₃ H ₃ ⁺ isomers with molecular nitrogen: IR spectra of C ₃ H ₃ +N ₂) _n clusters (n=18). <i>International Journal of Mass Spectrometry</i> , 2002 , 218, 281-297	1.9	40
58	Microsolvation of the ammonia cation in argon: II. IR photodissociation spectra of NH ₃ +Ar _n (n=18). <i>Chemical Physics</i> , 2002 , 283, 85-110	2.3	17
57	Microsolvation of the ammonia cation in argon: I. Ab initio and density functional calculations of NH ₃ +Ar _n (n=0-8). <i>Chemical Physics</i> , 2002 , 283, 63-84	2.3	19
56	Interaction between aromatic amine cations and nonpolar solvents: Infrared spectra of isomeric aniline -Ar n () complexes. <i>European Physical Journal D</i> , 2002 , 20, 469-480	1.3	51
55	Rovibrational calculations for CH ₃ +Rg (Rg=He,Ne): The prototype disk-and-ball dimer. <i>Journal of Chemical Physics</i> , 2002 , 116, 1012-1021	3.9	13
54	Interaction between Aromatic Amine Cations and Quadrupolar Ligands: Infrared Spectra of Aniline+N ₂) _n (n = 18) Complexes. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 7261-7270	2.8	34
53	Infrared spectra of C(3)H(3)(+)-N(2) dimers: identification of proton-bound c-C(3)H(3)(+)-N(2) and H(2)CCCH(+)-N(2) isomers. <i>Journal of the American Chemical Society</i> , 2002 , 124, 494-502	16.4	70
52	Site-specific interaction between hydrocarbon cations and inert ligands: IR spectra of isomeric C ₃ H ₃ +L dimers (L = Ne,Ar,O ₂ ,N ₂ ,CO ₂). <i>Physical Chemistry Chemical Physics</i> , 2002 , 4, 4855-4865	3.6	44
51	Infrared spectra of the H-bound and Ebound isomers of the phenol+argon cation. <i>Journal of Molecular Structure</i> , 2001 , 563-564, 241-244	3.4	54
50	Protonation of aromatic molecules: competition between ring and oxygen protonation of phenol (Ph) revealed by IR spectra of PhH+Ar. <i>Chemical Physics Letters</i> , 2001 , 342, 191-199	2.5	79
49	IR spectrum of the benzene+water cation: direct evidence for a hydrogen-bonded charge-dipole complex. <i>Chemical Physics Letters</i> , 2001 , 347, 59-64	2.5	78

48	Microsolvation of the water cation in neon: Infrared spectra and potential energy surface of the H ₂ O+Ne open-shell ionic complex. <i>Journal of Chemical Physics</i> , 2001 , 114, 7081-7093	3.9	28
47	Intermolecular potential energy surface of the proton-bound H ₂ O+He dimer: Ab initio calculations and IR spectra of the OH stretch vibrations. <i>Physical Chemistry Chemical Physics</i> , 2001 , 3, 2400-2410	3.6	32
46	Internal rotation in NH ₄ +Rg dimers (Rg = He, Ne, Ar): Potential energy surfaces and IR spectra of the B band. <i>Faraday Discussions</i> , 2001 , 118, 455-476	3.6	26
45	Microsolvation of the Phenol Cation (Ph ⁺) in Nonpolar Environments: Infrared Spectra of Ph+Ln (L = He, Ne, Ar, N ₂ , CH ₄). <i>Journal of Physical Chemistry A</i> , 2001 , 105, 5637-5645	2.8	101
44	The inter molecular potential of NH ⁺ -Ar II. Calculations and experimental measurements for the rotational structure of the v ₃ band. <i>Molecular Physics</i> , 2000 , 98, 81-91	1.7	20
43	The intermolecular potential of NH ⁺ -Ar I. Calculations for the internal rotor structure of the v ₃ band. <i>Molecular Physics</i> , 2000 , 98, 63-79	1.7	24
42	Infrared spectra of the phenolAr and phenolN ₂ cations: proton-bound versus Ebound structures. <i>Chemical Physics Letters</i> , 2000 , 325, 354-359	2.5	85
41	Potential energy surface and infrared spectrum of the ArH ₂ Cl ⁺ ionic complex. <i>Journal of Chemical Physics</i> , 2000 , 113, 120-127	3.9	10
40	High-resolution spectroscopy of cluster ions. <i>Chemical Reviews</i> , 2000 , 100, 3963-98	68.1	433
39	Microsolvation of the methyl cation in neon: Infrared spectra and ab initio calculations of CH ₃ +Ne and CH ₃ +Ne ₂ . <i>Journal of Chemical Physics</i> , 2000 , 112, 2176-2186	3.9	24
38	Infrared spectrum and ab initio calculations of the HNH+Ne open-shell ionic dimer. <i>Physical Chemistry Chemical Physics</i> , 2000 , 2, 5013-5019	3.6	11
37	Microsolvation of the Water Cation in Argon: I. Ab Initio and Density Functional Calculations of H ₂ O+Ar _n (n=0). <i>Journal of Physical Chemistry A</i> , 2000 , 104, 11693-11701	2.8	45
36	Microsolvation of the Water Cation in Argon: II. Infrared Photodissociation Spectra of H ₂ O+Ar _n (n=1-4). <i>Journal of Physical Chemistry A</i> , 2000 , 104, 11702-11713	2.8	58
35	Infrared photodissociation spectra of the CH ₃ stretch vibrations of C ₆ H ₆ +Ar, C ₆ H ₆ +N ₂ , and C ₆ H ₆ +(CH ₄). <i>Journal of Chemical Physics</i> , 1999 , 111, 10754-10757	3.9	60
34	Infrared spectrum and ab initio calculations of the CH ₃ CNH ⁺ -H ₂ ionic complex. <i>Journal of Chemical Physics</i> , 1999 , 110, 11911-11917	3.9	14
33	Intermolecular interaction in the CH ₃ +He ionic complex revealed by ab initio calculations and infrared photodissociation spectroscopy. <i>Journal of Chemical Physics</i> , 1999 , 110, 9527-9535	3.9	28
32	Infrared spectrum and ab initio calculations of the HeHNH ⁺ open-shell ionic complex. <i>Chemical Physics Letters</i> , 1999 , 310, 201-208	2.5	17
31	Spectroscopic and ab initio studies of ionic hydrogen bonds: the OH stretch vibration of SiOH+X dimers (X=He, Ne, Ar, N ₂). <i>Chemical Physics Letters</i> , 1999 , 314, 215-222	2.5	60

30	Microsolvation of HN ₂ ⁺ in Argon: Infrared Spectra and ab Initio Calculations of ArnHN ₂ ⁺ (n= 1-3). <i>Journal of Physical Chemistry A</i> , 1999 , 103, 2982-2991	2.8	57
29	Intermolecular interaction in proton-bound dimers.. <i>Chemical Physics Letters</i> , 1998 , 296, 585-591	2.5	55
28	Electronic spectra of linear carbon anions. <i>Chemical Physics</i> , 1998 , 228, 293-299	2.3	37
27	Infrared photodissociation spectra of isomeric SiOH+Ar (n=1-10) complexes. <i>Chemical Physics</i> , 1998 , 239, 393-407	2.3	56
26	Infrared photodissociation spectra of CH ₃ +Ar _n complexes (n=1-8). <i>Journal of Chemical Physics</i> , 1998 , 108, 10046-10060	3.9	64
25	Electronic spectroscopy of carbon chains and relevance to astrophysics. <i>Faraday Discussions</i> , 1998 , 109, 109-119	3.6	29
24	Infrared Spectrum of the ArNH ₂ ⁺ Ionic Complex. <i>Journal of Physical Chemistry A</i> , 1998 , 102, 10017-10024	2.8	24
23	Infrared predissociation spectra of NenHN ₂ ⁺ clusters (n=1-8). <i>Journal of Chemical Physics</i> , 1998 , 108, 8964-8975	3.9	46
22	Intermolecular interaction in the OH+He and OH+Ne open-shell ionic complexes: Infrared predissociation spectra of the $\tilde{\nu}_1$ and $\tilde{\nu}_1 + \tilde{\nu}_0$ vibrations. <i>Journal of Chemical Physics</i> , 1998 , 109, 3841-3849	3.9	33
21	Hindered rotation in ion-neutral molecular complexes: The $\tilde{\nu}_1$ vibration of H ₂ CO ⁺ and D ₂ DCO ⁺ . <i>Journal of Chemical Physics</i> , 1997 , 107, 8229-8238	3.9	49
20	Microsolvation of the ammonium ion in argon: infrared spectra of NH ₄ ⁺ ?Ar _n complexes (n = 1-7). <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1997 , 167-168, 637-647	51	
19	Dissociation energy of the Ar?HN ₂ ⁺ complex. <i>Chemical Physics Letters</i> , 1997 , 265, 303-307	2.5	53
18	Reply to the comment on The infrared spectrum of the He?NH ₄ ⁺ complex. <i>Chemical Physics Letters</i> , 1997 , 270, 252-254	2.5	9
17	Infrared predissociation spectra of HeHO ₂ ⁺ and NeHO ₂ ⁺ : prediction of the frequency of HO ₂ ⁺ . <i>Chemical Physics Letters</i> , 1997 , 278, 26-30	2.5	41
16	Zero kinetic energy photoelectron (ZEKE) spectroscopy of the heterotrimer phenol-water-argon: Interaction between a hydrogen bond and a van der Waals bond. <i>Chemical Physics</i> , 1996 , 207, 437-449	2.3	20
15	Observation of the infrared spectrum of the $\tilde{\nu}_0$ band of the argon-ammonium ionic complex. <i>Chemical Physics Letters</i> , 1996 , 250, 266-272	2.5	25
14	The $\tilde{\nu}_0$ infrared spectrum of the He?NH ₄ ⁺ complex. <i>Chemical Physics Letters</i> , 1996 , 260, 545-550	2.5	33
13	Mid-infrared spectra of the proton-bound complexes NenHCO ⁺ (n=1,2). <i>Journal of Chemical Physics</i> , 1996 , 105, 1770-1777	3.9	57

LIST OF PUBLICATIONS

12	Size Effects in Cluster Infrared Spectra: the ν_1 Band of Arn-HCO+ (n = 1-13). <i>The Journal of Physical Chemistry</i> , 1995 , 99, 17118-17129	108
11	Zero-kinetic-energy photoelectron spectroscopy of the hydrogen-bonded phenol-water complex. <i>Journal of Chemical Physics</i> , 1994 , 101, 974-989	3.9 97
10	Ab initio study of the phenol-water cation radical. <i>Journal of Chemical Physics</i> , 1994 , 101, 990-997	3.9 63
9	ZEKE spectroscopy of hydrogen-bonded phenol complexes. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 1994 , 68, 247-254	1.7 6
8	ZEKE Spectroscopy of Complexes and Clusters. <i>Chemical Reviews</i> , 1994 , 94, 1845-1871	68.1 158
7	Vibrational Spectroscopy of the Microsolvated Phenol Cation: Phenol-Dimethyl Ether. <i>Journal of the American Chemical Society</i> , 1994 , 116, 5880-5886	16.4 6
6	S1 excitation and zero kinetic energy spectra of partly deuterated 1:1 phenol/water complexes. <i>Journal of Chemical Physics</i> , 1994 , 101, 8508-8516	3.9 87
5	Zero-kinetic-energy (ZEKE) photoelectron spectroscopy of the hydrogen-bonded phenol/ethanol complex. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993 , 89, 1609-1621	35
4	Vibrational spectroscopy of the phenol-ethanol cation. <i>The Journal of Physical Chemistry</i> , 1993 , 97, 7471-7479	32
3	The phenol dimer: Zero-kinetic-energy photoelectron and two-color resonance-enhanced multiphoton ionization spectroscopy. <i>Journal of Chemical Physics</i> , 1993 , 98, 1933-1943	3.9 56
2	The ZEKE Spectrum of the Phenol-Water Cluster. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1992 , 96, 1259-1261	16
1	A new approach to vibrational spectroscopy of ion clusters: the zero kinetic energy (ZEKE)-photoelectron spectrum of the phenol/water complex. <i>Chemical Physics Letters</i> , 1991 , 181, 1-4	2.5 67