

Thomas R Rizzo

List of Publications by Year in Descending Order

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

138
papers

6,052
citations

46
h-index

72
g-index

146
ext. papers

6,414
ext. citations

6.6
avg, IF

5.8
L-index

#	Paper	IF	Citations
138	Identifying Mixtures of Isomeric Human Milk Oligosaccharides by the Decomposition of IR Spectral Fingerprints. <i>Analytical Chemistry</i> , 2021 , 93, 14730-14736	7.8	5
137	Structural Insights from Tandem Mass Spectrometry, Ion Mobility-Mass Spectrometry, and Infrared/Ultraviolet Spectroscopy on Sphingonodin I: Lasso vs Branched-Cyclic Topoisomers. <i>Journal of the American Society for Mass Spectrometry</i> , 2021 , 32, 1096-1104	3.5	3
136	A new approach for identifying positional isomers of glycans cleaved from monoclonal antibodies. <i>Analyst, The</i> , 2021 , 146, 4789-4795	5	6
135	Unravelling the structures of sodiated β -cyclodextrin and its fragments. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 13714-13723	3.6	7
134	Toward High-Throughput Cryogenic IR Fingerprinting of Mobility-Separated Glycan Isomers.. <i>ACS Measurement Science Au</i> , 2021 , 1, 157-164		5
133	Using SLIM-Based IMS-IMS Together with Cryogenic Infrared Spectroscopy for Glycan Analysis. <i>Analytical Chemistry</i> , 2020 , 92, 9079-9085	7.8	21
132	How General Is Anomeric Retention during Collision-Induced Dissociation of Glycans?. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5948-5951	16.4	16
131	Combining Cryogenic Infrared Spectroscopy with Selective Enzymatic Cleavage for Determining Glycan Primary Structure. <i>Analytical Chemistry</i> , 2020 , 92, 1658-1662	7.8	11
130	Cryogenic Infrared Action Spectroscopy Fingerprints the Hydrogen Bonding Network in Gas-Phase Coumarin Cations. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 9942-9950	2.8	3
129	Analyzing glycans cleaved from a biotherapeutic protein using ultrahigh-resolution ion mobility spectrometry together with cryogenic ion spectroscopy. <i>Analyst, The</i> , 2020 , 145, 6493-6499	5	10
128	Separation and Identification of Glycan Anomers Using Ultrahigh-Resolution Ion-Mobility Spectrometry and Cryogenic Ion Spectroscopy. <i>Journal of the American Society for Mass Spectrometry</i> , 2019 , 30, 2204-2211	3.5	35
127	Combining ultra-high resolution ion mobility spectrometry with cryogenic IR spectroscopy for the study of biomolecular ions. <i>Faraday Discussions</i> , 2019 , 217, 114-125	3.6	23
126	Cryogenic Ion Spectroscopy for Identification of Monosaccharide Anomers. <i>Journal of Physical Chemistry A</i> , 2019 , 123, 2815-2819	2.8	13
125	Combining Ultrahigh-Resolution Ion-Mobility Spectrometry with Cryogenic Infrared Spectroscopy for the Analysis of Glycan Mixtures. <i>Analytical Chemistry</i> , 2019 , 91, 4876-4882	7.8	52
124	UV and IR Spectroscopy of Transition Metal-Crown Ether Complexes in the Gas Phase: Mn(benzo-15-crown-5)(HO). <i>Journal of Physical Chemistry A</i> , 2019 , 123, 6781-6786	2.8	8
123	Going large(r): general discussion. <i>Faraday Discussions</i> , 2019 , 217, 476-513	3.6	1
122	The Structure of the Protonated Serine Octamer. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7554-7560	16.4	47

121	Can Mutational Analysis Be Used To Assist Structure Determination of Peptides?. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2401-2404	16.4	7
120	Microhydration of Dibenzo-18-Crown-6 Complexes with K, Rb, and Cs Investigated by Cold UV and IR Spectroscopy in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 3754-3763	2.8	4
119	Cryogenic IR spectroscopy combined with ion mobility spectrometry for the analysis of human milk oligosaccharides. <i>Analyst, The</i> , 2018 , 143, 1846-1852	5	23
118	Combining Ion Mobility and Cryogenic Spectroscopy for Structural and Analytical Studies of Biomolecular Ions. <i>Accounts of Chemical Research</i> , 2018 , 51, 1487-1495	24.3	24
117	Infrared Spectroscopy as a Probe of Electronic Energy Transfer. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 3217-3223	6.4	8
116	Glycosaminoglycan Analysis by Cryogenic Messenger-Tagging IR Spectroscopy Combined with IMS-MS. <i>Analytical Chemistry</i> , 2017 , 89, 7601-7606	7.8	44
115	UV and IR Spectroscopy of Cryogenically Cooled, Lanthanide-Containing Ions in the Gas Phase. <i>Inorganic Chemistry</i> , 2017 , 56, 277-281	5.1	2
114	Kinetically Trapped Liquid-State Conformers of a Sodiated Model Peptide Observed in the Gas Phase. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 6838-6844	2.8	5
113	Cryogenic Vibrational Spectroscopy Provides Unique Fingerprints for Glycan Identification. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 2217-2222	3.5	58
112	Conformations of Prolyl-Peptide Bonds in the Bradykinin 1-5 Fragment in Solution and in the Gas Phase. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9224-33	16.4	44
111	IR-induced conformational isomerization of a helical peptide in a cold ion trap. <i>Journal of Chemical Physics</i> , 2016 , 144, 014304	3.9	11
110	Cryogenic Spectroscopy and Quantum Molecular Dynamics Determine the Structure of Cyclic Intermediates Involved in Peptide Sequence Scrambling. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 2524-9	6.4	3
109	Solvent Effects on the Encapsulation of Divalent Ions by Benzo-18-Crown-6 and Benzo-15-Crown-5. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 8097-105	2.8	19
108	Spectroscopic studies of kinetically trapped conformations in the gas phase: the case of triply protonated bradykinin. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 25828-36	3.6	42
107	Franck-Condon-like Progressions in Infrared Spectra of Biological Molecules. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 10494-501	2.8	11
106	Infrared Spectroscopy of Mobility-Selected H ⁺ -Gly-Pro-Gly-Gly (GPGG). <i>Journal of the American Society for Mass Spectrometry</i> , 2015 , 26, 1444-54	3.5	61
105	Molecular hydrogen messengers can lead to structural infidelity: A cautionary tale of protonated glycine. <i>Journal of Chemical Physics</i> , 2015 , 143, 104313	3.9	27
104	Conformational structures of a decapeptide validated by first principles calculations and cold ion spectroscopy. <i>ChemPhysChem</i> , 2015 , 16, 1374-8	3.2	25

103	Capping Motif for Peptide Helix Formation. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 1504-8	6.4	10
102	UV and IR Spectroscopy of Cold H ₂ O(+)-Benzo-Crown Ether Complexes. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 11113-8	2.8	9
101	Cryogenic methods for the spectroscopy of large, biomolecular ions. <i>Topics in Current Chemistry</i> , 2015 , 364, 43-97		34
100	Microhydration effects on the encapsulation of potassium ion by dibenzo-18-crown-6. <i>Journal of the American Chemical Society</i> , 2014 , 136, 1815-24	16.4	37
99	Structural melting of an amino acid dimer upon intersystem crossing. <i>Journal of the American Chemical Society</i> , 2014 , 136, 14974-80	16.4	8
98	Assessment of amide I spectroscopic maps for a gas-phase peptide using IR-UV double-resonance spectroscopy and density functional theory calculations. <i>Journal of Chemical Physics</i> , 2014 , 140, 224111	3.9	24
97	Fragmentation mechanism of UV-excited peptides in the gas phase. <i>Journal of Chemical Physics</i> , 2014 , 141, 154309	3.9	31
96	Assessing the performance of computational methods for the prediction of the ground state structure of a cyclic decapeptide. <i>International Journal of Quantum Chemistry</i> , 2013 , 113, 808-814	2.1	12
95	Laser spectroscopic study of cold host-guest complexes of crown ethers in the gas phase. <i>ChemPhysChem</i> , 2013 , 14, 649-60	3.2	25
94	Accurate bond dissociation energy of water determined by triple-resonance vibrational spectroscopy and ab initio calculations. <i>Chemical Physics Letters</i> , 2013 , 568-569, 14-20	2.5	54
93	Exploring the mechanism of IR-UV double-resonance for quantitative spectroscopy of protonated polypeptides and proteins. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 6002-5	16.4	53
92	Exploring the Mechanism of IR/UV Double-Resonance for Quantitative Spectroscopy of Protonated Polypeptides and Proteins. <i>Angewandte Chemie</i> , 2013 , 125, 6118-6121	3.6	8
91	State-resolved spectroscopy of high vibrational levels of water up to the dissociative continuum. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2012 , 370, 2710-27	3	14
90	UV and IR spectroscopy of cold 1,2-dimethoxybenzene complexes with alkali metal ions. <i>Physical Chemistry Chemical Physics</i> , 2012 , 14, 4457-62	3.6	12
89	Multiple isomers and protonation sites of the phenylalanine/serine dimer. <i>Journal of the American Chemical Society</i> , 2012 , 134, 11053-5	16.4	22
88	Conformational preferences of gas-phase helices: experiment and theory struggle to agree: the seven-residue peptide Ac-Phe-(Ala) ₅ -Lys-H ⁺ . <i>Chemistry - A European Journal</i> , 2012 , 18, 12941-4	4.8	12
87	Ion selectivity of crown ethers investigated by UV and IR spectroscopy in a cold ion trap. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 4057-68	2.8	59
86	Interplay of intra- and intermolecular H-bonding in a progressively solvated macrocyclic peptide. <i>Science</i> , 2012 , 336, 320-3	33.3	138

85	Conformation-specific spectroscopy of peptide fragment ions in a low-temperature ion trap. <i>Journal of the American Society for Mass Spectrometry</i> , 2012 , 23, 1029-45	3.5	30
84	Conformational distribution of bradykinin [bk + 2 H] ²⁺ revealed by cold ion spectroscopy coupled with FAIMS. <i>Journal of the American Society for Mass Spectrometry</i> , 2012 , 23, 1173-81	3.5	54
83	Stark coefficients for highly excited rovibrational states of H ₂ O. <i>Journal of Chemical Physics</i> , 2012 , 136, 244308	3.9	11
82	Planar multipole ion trap/time-of-flight mass spectrometer. <i>Analytical Chemistry</i> , 2011 , 83, 7895-901	7.8	12
81	UV and IR spectroscopic studies of cold alkali metal ion-crown ether complexes in the gas phase. <i>Journal of the American Chemical Society</i> , 2011 , 133, 12256-63	16.4	80
80	Kalte Ionenspektroskopie zur Lösung der Gasphasenstruktur eines Decapeptids. <i>Angewandte Chemie</i> , 2011 , 123, 5495-5498	3.6	9
79	Cold-ion spectroscopy reveals the intrinsic structure of a decapeptide. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5383-6	16.4	58
78	Spectroscopy of mobility-selected biomolecular ions. <i>Faraday Discussions</i> , 2011 , 150, 243-55; discussion 257-92	3.6	38
77	A new tandem mass spectrometer for photofragment spectroscopy of cold, gas-phase molecular ions. <i>Review of Scientific Instruments</i> , 2010 , 81, 073107	1.7	63
76	Communication: Feshbach resonances in the water molecule revealed by state-selective spectroscopy. <i>Journal of Chemical Physics</i> , 2010 , 133, 081103	3.9	24
75	Structure and bonding of isoelectronic coinage metal (Cu, Ag, Au) dimethylaminonitrenes in the gas phase. <i>Journal of the American Chemical Society</i> , 2010 , 132, 13789-98	16.4	56
74	Highly resolved spectra of gas-phase gramicidin s: a benchmark for peptide structure calculations. <i>Journal of the American Chemical Society</i> , 2010 , 132, 4040-1	16.4	72
73	Spectroscopy of protonated peptides assisted by infrared multiple photon excitation. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 797-9	2.8	39
72	Spectroscopy and conformational preferences of gas-phase helices. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 125-32	3.6	111
71	Spectroscopic studies of cold, gas-phase biomolecular ions. <i>International Reviews in Physical Chemistry</i> , 2009 , 28, 481-515	7	289
70	State-selective spectroscopy of water up to its first dissociation limit. <i>Journal of Chemical Physics</i> , 2009 , 131, 221105	3.9	51
69	Collisionally assisted spectroscopy of water from 27,000 to 34,000 cm ⁻¹ . <i>Journal of Physical Chemistry A</i> , 2008 , 112, 10539-45	2.8	27
68	Effects of N-Terminus Substitution on the Structure and Spectroscopy of Gas-Phase Helices. <i>Chimia</i> , 2008 , 62, 240-243	1.3	14

67	Spectroscopic signatures of gas-phase helices: Ac-Phe-(Ala) ₅ -Lys-H ⁺ and Ac-Phe-(Ala) ₁₀ -Lys-H ⁺ . <i>Journal of the American Chemical Society</i> , 2007 , 129, 13820-1	16.4	113
66	Conformation-specific spectroscopy and photodissociation of cold, protonated tyrosine and phenylalanine. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11814-20	16.4	178
65	Conformational dependence of intramolecular vibrational redistribution in methanol. <i>Journal of Chemical Physics</i> , 2007 , 126, 044311	3.9	9
64	Isotopically selective collisional vibrational energy transfer in CF ₃ H. <i>Journal of Chemical Physics</i> , 2007 , 126, 054302	3.9	4
63	Approaching the full set of energy levels of water. <i>Journal of Chemical Physics</i> , 2007 , 126, 241101	3.9	36
62	Conformation-specific infrared and ultraviolet spectroscopy of tyrosine-based protonated dipeptides. <i>Journal of Chemical Physics</i> , 2007 , 127, 154322	3.9	78
61	Efficient stimulated Raman pumping for quantum state resolved surface reactivity measurements. <i>Review of Scientific Instruments</i> , 2006 , 77, 054103	1.7	17
60	Microsolvation effects on the excited-state dynamics of protonated tryptophan. <i>Journal of the American Chemical Society</i> , 2006 , 128, 16938-43	16.4	130
59	Infrared spectroscopy of hydrated amino acids in the gas phase: protonated and lithiated valine. <i>Journal of the American Chemical Society</i> , 2006 , 128, 905-16	16.4	193
58	Electronic spectroscopy of cold, protonated tryptophan and tyrosine. <i>Journal of the American Chemical Society</i> , 2006 , 128, 2816-7	16.4	239
57	A direct measurement of the dissociation energy of water. <i>Journal of Chemical Physics</i> , 2006 , 125, 181103	3.9	80
56	Efficient, highly selective laser isotope separation of carbon-13. <i>Applied Physics B: Lasers and Optics</i> , 2006 , 83, 311-317	1.9	5
55	Vibrational overtone spectroscopy of jet-cooled methanol from 5000 to 14 000 cm ⁻¹ . <i>Journal of Chemical Physics</i> , 2005 , 122, 44314	3.9	33
54	State-Resolved Gas-Surface Reactivity of Methane in the Symmetric C-H Stretch Vibration on Ni(100). <i>Physical Review Letters</i> , 2005 , 94,	7.4	143
53	Dipole moments of HDO in highly excited vibrational states measured by Stark induced photofragment quantum beat spectroscopy. <i>Journal of Chemical Physics</i> , 2005 , 122, 124312	3.9	11
52	Collisionally assisted, highly selective laser isotope separation of carbon-13. <i>Journal of Chemical Physics</i> , 2004 , 121, 11771-9	3.9	4
51	Quantum State Resolved Studies of Gas/Surface Reaction Dynamics. <i>Chimia</i> , 2004 , 58, 306-310	1.3	6
50	The dipole moment of HOCl in ν _{OH} =4. <i>Journal of Molecular Spectroscopy</i> , 2003 , 221, 116-120	1.3	6

49	Vibrational mode-specific reaction of methane on a nickel surface. <i>Science</i> , 2003 , 302, 98-100	33.3	217
48	Infrared Laser Chemistry of Trichlorosilane in View of Silicon Isotope Separation. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 8578-8583	2.8	8
47	Fluorescence detected microwave Stark effect measurements in excited vibrational states of H ₂ CO. <i>Journal of Chemical Physics</i> , 2003 , 119, 8910-8915	3.9	6
46	Ab initio calculations of mode selective tunneling dynamics in ¹² CH ₃ OH and ¹³ CH ₃ OH. <i>Journal of Chemical Physics</i> , 2003 , 119, 5534-5544	3.9	48
45	Collisionally enhanced isotopic selectivity in multiphoton dissociation of vibrationally excited CF ₃ H. <i>Journal of Chemical Physics</i> , 2003 , 118, 93-103	3.9	23
44	Molecular-beam/surface-science apparatus for state-resolved chemisorption studies using pulsed-laser preparation. <i>Review of Scientific Instruments</i> , 2003 , 74, 4110-4120	1.7	38
43	Rotational and Torsional Analysis of the OH-Stretch Third Overtone in ¹³ CH ₃ OH. <i>Journal of Molecular Spectroscopy</i> , 2002 , 211, 221-227	1.3	6
42	Surface reactivity of highly vibrationally excited molecules prepared by pulsed laser excitation: CH ₄ (2B) on Ni(100). <i>Journal of Chemical Physics</i> , 2002 , 117, 8603-8606	3.9	100
41	Nonlinear intensity dependence in the infrared multiphoton excitation and dissociation of methanol pre-excited to different energies. <i>Journal of Chemical Physics</i> , 2002 , 117, 9793-9805	3.9	10
40	Isotopically Selective Infrared Multiphoton Dissociation of Vibrationally Excited SiH ₄ . <i>Journal of Physical Chemistry A</i> , 2002 , 106, 5221-5229	2.8	8
39	Dipole moments of highly vibrationally excited water. <i>Science</i> , 2002 , 297, 993-5	33.3	36
38	Double-resonance overtone photofragment spectroscopy of trans-HONO. II. State- and time-resolved dissociation and OH-product state distributions. <i>Journal of Chemical Physics</i> , 2002 , 116, 10267-10276	3.9	26
37	Torsion-rotation analysis of OH stretch overtone-torsion combination bands in methanol. <i>Journal of Chemical Physics</i> , 2002 , 116, 91	3.9	28
36	Eigenstate-resolved unimolecular dissociation dynamics of HOCl at OH= 7 and 8. <i>Physical Chemistry Chemical Physics</i> , 2001 , 3, 2245-2252	3.6	17
35	State-to-state unimolecular reaction dynamics of highly vibrationally excited molecules. <i>Chemical Society Reviews</i> , 2001 , 30, 214-225	58.5	28
34	Intramolecular energy transfer in highly vibrationally excited methanol. IV. Spectroscopy and dynamics of ¹³ CH ₃ OH. <i>Journal of Chemical Physics</i> , 2000 , 113, 10068-10072	3.9	19
33	Double-resonance overtone photofragment spectroscopy of trans-HONO. I. Spectroscopy and intramolecular dynamics. <i>Journal of Chemical Physics</i> , 2000 , 112, 8885-8898	3.9	50
32	State-to-state studies of intramolecular energy transfer in highly excited HOOH(D): Dependencies on vibrational and rotational excitation. <i>Journal of Chemical Physics</i> , 2000 , 112, 7461-7474	3.9	28

31	The spectroscopy and intramolecular vibrational energy redistribution dynamics of HOCl in the $\nu_{OH}=6$ region, probed by infrared-visible double resonance overtone excitation. <i>Journal of Chemical Physics</i> , 1999 , 111, 123-133	3.9	30
30	Intramolecular energy transfer in highly vibrationally excited methanol. II. Multiple time scales of energy redistribution. <i>Journal of Chemical Physics</i> , 1999 , 110, 11346-11358	3.9	69
29	State-to-state unimolecular reaction dynamics of HOCl near the dissociation threshold: The role of vibrations, rotations, and IVR probed by time- and eigenstate-resolved spectroscopy. <i>Journal of Chemical Physics</i> , 1999 , 111, 7359-7368	3.9	40
28	Intramolecular energy transfer in highly vibrationally excited methanol. III. Rotational and torsional analysis. <i>Journal of Chemical Physics</i> , 1999 , 110, 11359-11367	3.9	41
27	A new six-dimensional analytical potential up to chemically significant energies for the electronic ground state of hydrogen peroxide. <i>Journal of Chemical Physics</i> , 1999 , 111, 2565-2587	3.9	165
26	Direct measurement of eigenstate-resolved unimolecular dissociation rates of HOCl. <i>Journal of Chemical Physics</i> , 1997 , 107, 10344-10347	3.9	55
25	Intramolecular energy transfer in highly vibrationally excited methanol. I. Ultrafast dynamics. <i>Journal of Chemical Physics</i> , 1997 , 107, 8409-8422	3.9	75
24	Secondary time scales of intramolecular vibrational energy redistribution in CF ₃ H studied by vibrational overtone spectroscopy. <i>Journal of Chemical Physics</i> , 1996 , 105, 6285-6292	3.9	38
23	Rotational state selected vibrational overtone spectroscopy of jet-cooled molecules. <i>Journal of Chemical Physics</i> , 1995 , 103, 1985-1988	3.9	41
22	Multiple timescales in the intramolecular vibrational energy redistribution of highly excited methanol. <i>Faraday Discussions</i> , 1995 , 102, 167	3.6	45
21	Product energy partitioning in the unimolecular decomposition of vibrationally and rotationally state-selected hydrogen peroxide. <i>Journal of Chemical Physics</i> , 1992 , 96, 5129-5136	3.9	15
20	CO ₂ laser assisted vibrational overtone spectroscopy. <i>Journal of Chemical Physics</i> , 1992 , 97, 2823-2825	3.9	50
19	Vibrational overtone spectroscopy of the $4\nu_{OH}+\nu_{OH}$ combination level of HOOH via sequential local modal mode excitation. <i>Journal of Chemical Physics</i> , 1992 , 96, 5659-5667	3.9	56
18	Infrared spectroscopy of vibrationally excited HONO ₂ : Shedding light on the dark states of intramolecular vibrational energy redistribution. <i>Journal of Chemical Physics</i> , 1991 , 94, 2425-2437	3.9	58
17	Infrared spectrum of t-butyl hydroperoxide excited to the $4\nu_{OH}$ vibrational overtone level. <i>Journal of Chemical Physics</i> , 1991 , 95, 1461-1465	3.9	12
16	Local modes of HOOH probed by optical-infrared double resonance. <i>Journal of Chemical Physics</i> , 1991 , 95, 865-871	3.9	18
15	Unimolecular dissociation of hydrogen peroxide from single rovibrational states near threshold. <i>Journal of Chemical Physics</i> , 1991 , 94, 889-898	3.9	45
14	Multiple Laser Probes of Intramolecular Dynamics at Chemically Significant Energies. <i>Jerusalem Symposia on Quantum Chemistry and Biochemistry</i> , 1991 , 25-45		

13	Rotationally resolved vibrational overtone spectroscopy of hydrogen peroxide at chemically significant energies. <i>Journal of Chemical Physics</i> , 1990 , 93, 8620-8633	3.9	48
12	Broad vibrational overtone linewidths in the 7 $\bar{0}$ H band of rotationally selected NH ₂ OH. <i>Journal of Chemical Physics</i> , 1990 , 93, 9194-9196	3.9	29
11	A new technique for state-to-state studies of unimolecular reactions. <i>Journal of Chemical Physics</i> , 1988 , 89, 4448-4450	3.9	32
10	The Spectroscopy and Photophysics of the Amino Acid Tryptophan in the Gas Phase 1987 , 133-147		
9	Unimolecular reactions near threshold: The overtone vibration initiated decomposition of HOOH (5 $\bar{0}$ H). <i>Journal of Chemical Physics</i> , 1986 , 84, 1508-1520	3.9	82
8	Electronic spectroscopy of tryptophan analogs in supersonic jets: 3-Indole acetic acid, 3-indole propionic acid, tryptamine, and N-acetyl tryptophan ethyl ester. <i>Journal of Chemical Physics</i> , 1986 , 84, 6539-6549	3.9	86
7	Dispersed fluorescence of jet-cooled tryptophan: Excited state conformers and intramolecular exciplex formation. <i>Journal of Chemical Physics</i> , 1986 , 85, 6945-6951	3.9	102
6	The electronic spectrum of the amino acid tryptophan in the gas phase. <i>Journal of Chemical Physics</i> , 1986 , 84, 2534-2541	3.9	211
5	Electronic spectrum of the amino acid tryptophan cooled in a supersonic molecular beam. <i>Journal of Chemical Physics</i> , 1985 , 83, 4819-4820	3.9	100
4	A molecular beam of tryptophan. <i>Journal of the American Chemical Society</i> , 1985 , 107, 277-278	16.4	46
3	State-resolved product detection in the overtone vibration initiated unimolecular decomposition of HOOH(6 $\bar{0}$ H). <i>Journal of Chemical Physics</i> , 1984 , 81, 4501-4509	3.9	72
2	Product energy partitioning in the decomposition of state-selectively excited HOOH and HOOD. <i>Faraday Discussions of the Chemical Society</i> , 1983 , 75, 223		66
1	State-to-state unimolecular reaction of t-butylhydroperoxide. <i>Journal of Chemical Physics</i> , 1982 , 76, 2754-2756	3.9	52