Thomas R Rizzo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8520315/publications.pdf

Version: 2024-02-01

142	6,813	44042	69214
papers	citations	48 h-index	77 g-index

146	146	146	3134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectroscopic studies of cold, gas-phase biomolecular ions. International Reviews in Physical Chemistry, 2009, 28, 481-515.	0.9	308
2	Electronic Spectroscopy of Cold, Protonated Tryptophan and Tyrosine. Journal of the American Chemical Society, 2006, 128, 2816-2817.	6.6	263
3	Vibrational Mode-Specific Reaction of Methane on a Nickel Surface. Science, 2003, 302, 98-100.	6.0	239
4	The electronic spectrum of the amino acid tryptophan in the gas phase. Journal of Chemical Physics, 1986, 84, 2534-2541.	1.2	237
5	Infrared Spectroscopy of Hydrated Amino Acids in the Gas Phase:Â Protonated and Lithiated Valine. Journal of the American Chemical Society, 2006, 128, 905-916.	6.6	200
6	Conformation-Specific Spectroscopy and Photodissociation of Cold, Protonated Tyrosine and Phenylalanine. Journal of the American Chemical Society, 2007, 129, 11814-11820.	6.6	195
7	A new six-dimensional analytical potential up to chemically significant energies for the electronic ground state of hydrogen peroxide. Journal of Chemical Physics, 1999, 111, 2565-2587.	1.2	175
8	Interplay of Intra- and Intermolecular H-Bonding in a Progressively Solvated Macrocyclic Peptide. Science, 2012, 336, 320-323.	6.0	152
9	State-Resolved Gas-Surface Reactivity of Methane in the Symmetric C-H Stretch Vibration on Ni(100). Physical Review Letters, 2005, 94, .	2.9	150
10	Microsolvation Effects on the Excited-State Dynamics of Protonated Tryptophan. Journal of the American Chemical Society, 2006, 128, 16938-16943.	6.6	144
11	Spectroscopic Signatures of Gas-Phase Helices:Â Ac-Phe-(Ala)5-Lys-H+and Ac-Phe-(Ala)10-Lys-H+. Journal of the American Chemical Society, 2007, 129, 13820-13821.	6.6	116
12	Spectroscopy and conformational preferences of gas-phase helices. Physical Chemistry Chemical Physics, 2009, 11, 125-132.	1.3	115
13	Dispersed fluorescence of jetâ€cooled tryptophan: Excited state conformers and intramolecular exciplex formation. Journal of Chemical Physics, 1986, 85, 6945-6951.	1.2	113
14	Electronic spectrum of the amino acid tryptophan cooled in a supersonic molecular beam. Journal of Chemical Physics, 1985, 83, 4819-4820.	1.2	111
15	Surface reactivity of highly vibrationally excited molecules prepared by pulsed laser excitation: CH4 (2Î½3) on Ni(100). Journal of Chemical Physics, 2002, 117, 8603-8606.	1.2	106
16	Electronic spectroscopy of tryptophan analogs in supersonic jets: 3â€indole acetic acid, 3â€indole propionic acid, tryptamine, and Nâ€acetyl tryptophan ethyl ester. Journal of Chemical Physics, 1986, 84, 6539-6549.	1.2	96
17	A direct measurement of the dissociation energy of water. Journal of Chemical Physics, 2006, 125, 181101.	1.2	92
18	UV and IR Spectroscopic Studies of Cold Alkali Metal Ionâ€“Crown Ether Complexes in the Gas Phase. Journal of the American Chemical Society, 2011, 133, 12256-12263.	6.6	90

#	Article	IF	Citations
19	Unimolecular reactions near threshold: The overtone vibration initiated decomposition of HOOH (5Î½OH). Journal of Chemical Physics, 1986, 84, 1508-1520.	1.2	86
20	Conformation-specific infrared and ultraviolet spectroscopy of tyrosine-based protonated dipeptides. Journal of Chemical Physics, 2007, 127, 154322.	1.2	80
21	Combining Ultrahigh-Resolution Ion-Mobility Spectrometry with Cryogenic Infrared Spectroscopy for the Analysis of Glycan Mixtures. Analytical Chemistry, 2019, 91, 4876-4882.	3.2	80
22	Intramolecular energy transfer in highly vibrationally excited methanol. II. Multiple time scales of energy redistribution. Journal of Chemical Physics, 1999, 110, 11346-11358.	1.2	79
23	Intramolecular energy transfer in highly vibrationally excited methanol. I. Ultrafast dynamics. Journal of Chemical Physics, 1997, 107, 8409-8422.	1.2	78
24	Highly Resolved Spectra of Gas-Phase Gramicidin S: A Benchmark for Peptide Structure Calculations. Journal of the American Chemical Society, 2010, 132, 4040-4041.	6.6	78
25	Cryogenic Vibrational Spectroscopy Provides Unique Fingerprints for Glycan Identification. Journal of the American Society for Mass Spectrometry, 2017, 28, 2217-2222.	1.2	77
26	Stateâ€resolved product detection in the overtone vibration initiated unimolecular decomposition of HOOH(6Î½OH). Journal of Chemical Physics, 1984, 81, 4501-4509.	1.2	76
27	Product energy partitioning in the decompositiosn of state-selectively excited HOOH and HOOD. Faraday Discussions of the Chemical Society, 1983, 75, 223.	2.2	70
28	The Structure of the Protonated Serine Octamer. Journal of the American Chemical Society, 2018, 140, 7554-7560.	6.6	67
29	A new tandem mass spectrometer for photofragment spectroscopy of cold, gas-phase molecular ions. Review of Scientific Instruments, 2010, 81, 073107.	0.6	66
30	Vibrational overtone spectroscopy of the 4Î½OH+Î½OHâ€™combination level of HOOHviasequential local modeâ€“local mode excitation. Journal of Chemical Physics, 1992, 96, 5659-5667.	1.2	65
31	Ion Selectivity of Crown Ethers Investigated by UV and IR Spectroscopy in a Cold Ion Trap. Journal of Physical Chemistry A, 2012, 116, 4057-4068.	1.1	65
32	Infrared Spectroscopy of Mobility-Selected H⁺-Gly-Pro-Gly-Gly (GPGG). Journal of the American Society for Mass Spectrometry, 2015, 26, 1444-1454.	1.2	65
33	Coldâ€Ion Spectroscopy Reveals the Intrinsic Structure of a Decapeptide. Angewandte Chemie - International Edition, 2011, 50, 5383-5386.	7.2	63
34	Structure and Bonding of Isoleptic Coinage Metal (Cu, Ag, Au) Dimethylaminonitrenes in the Gas Phase. Journal of the American Chemical Society, 2010, 132, 13789-13798.	6.6	62
35	Accurate bond dissociation energy of water determined by triple-resonance vibrational spectroscopy and ab initio calculations. Chemical Physics Letters, 2013, 568-569, 14-20.	1.2	60
36	Infrared spectroscopy of vibrationally excited HONO2: Shedding light on the dark states of intramolecular vibrational energy redistribution. Journal of Chemical Physics, 1991, 94, 2425-2437.	1.2	59

#	Article	IF	Citations
37	Direct measurement of eigenstate-resolved unimolecular dissociation rates of HOCl. Journal of Chemical Physics, 1997, 107, 10344-10347.	1.2	58
38	A molecular beam of tryptophan. Journal of the American Chemical Society, 1985, 107, 277-278.	6.6	57
39	Conformations of Prolylâ€“Peptide Bonds in the Bradykinin 1â€“5 Fragment in Solution and in the Gas Phase. Journal of the American Chemical Society, 2016, 138, 9224-9233.	6.6	57
40	Conformational Distribution of Bradykinin [bkâ€‰+â€‰2ÂH]2+ Revealed by Cold Ion Spectroscopy Coupled with FAIMS. Journal of the American Society for Mass Spectrometry, 2012, 23, 1173-1181.	1.2	56
41	Separation and Identification of Glycan Anomers Using Ultrahigh-Resolution Ion-Mobility Spectrometry and Cryogenic Ion Spectroscopy. Journal of the American Society for Mass Spectrometry, 2019, 30, 2204-2211.	1.2	56
42	CO2 laser assisted vibrational overtone spectroscopy. Journal of Chemical Physics, 1992, 97, 2823-2825.	1.2	55
43	Stateâ€toâ€state unimolecular reaction of tâ€butylhydroperoxide. Journal of Chemical Physics, 1982, 76, 2754-2756.	1.2	54
44	State-selective spectroscopy of water up to its first dissociation limit. Journal of Chemical Physics, 2009, 131, 221105.	1.2	54
45	Exploring the Mechanism of IRâ€“UV Doubleâ€Resonance for Quantitative Spectroscopy of Protonated Polypeptides and Proteins. Angewandte Chemie - International Edition, 2013, 52, 6002-6005.	7.2	54
46	Glycosaminoglycan Analysis by Cryogenic Messenger-Tagging IR Spectroscopy Combined with IMS-MS. Analytical Chemistry, 2017, 89, 7601-7606.	3.2	53
47	Double-resonance overtone photofragment spectroscopy of trans-HONO. I. Spectroscopy and intramolecular dynamics. Journal of Chemical Physics, 2000, 112, 8885-8898.	1.2	52
48	Ab initiocalculations of mode selective tunneling dynamics in 12CH3OH and 13CH3OH. Journal of Chemical Physics, 2003, 119, 5534-5544.	1.2	51
49	Rotationally resolved vibrational overtone spectroscopy of hydrogen peroxide at chemically significant energies. Journal of Chemical Physics, 1990, 93, 8620-8633.	1.2	49
50	Unimolecular dissociation of hydrogen peroxide from single rovibrational states near threshold. Journal of Chemical Physics, 1991, 94, 889-898.	1.2	48
51	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. Journal of Chemical Physics, 1999, 111, 7359-7368.	1.2	48
52	Multiple timescales in the intramolecular vibrational energy redistribution of highly excited methanol. Faraday Discussions, 1995, 102, 167.	1.6	47
53	Cryogenic Methods for the Spectroscopy of Large, Biomolecular Ions. Topics in Current Chemistry, 2014, 364, 43-97.	4.0	47
54	Microhydration Effects on the Encapsulation of Potassium Ion by Dibenzo-18-Crown-6. Journal of the American Chemical Society, 2014, 136, 1815-1824.	6.6	46

#	Article	IF	Citations
55	Using SLIM-Based IMS-IMS Together with Cryogenic Infrared Spectroscopy for Glycan Analysis. Analytical Chemistry, 2020, 92, 9079-9085.	3.2	45
56	Rotational state selected vibrational overtone spectroscopy of jetâ€cooled molecules. Journal of Chemical Physics, 1995, 103, 1985-1988.	1.2	44
57	Spectroscopy of Protonated Peptides Assisted by Infrared Multiple Photon Excitation. Journal of Physical Chemistry A, 2009, 113, 797-799.	1.1	43
58	Spectroscopic studies of kinetically trapped conformations in the gas phase: the case of triply protonated bradykinin. Physical Chemistry Chemical Physics, 2015, 17, 25828-25836.	1.3	43
59	Intramolecular energy transfer in highly vibrationally excited methanol. III. Rotational and torsional analysis. Journal of Chemical Physics, 1999, 110, 11359-11367.	1.2	42
60	Fragmentation mechanism of UV-excited peptides in the gas phase. Journal of Chemical Physics, 2014, 141, 154309.	1.2	42
61	Secondary time scales of intramolecular vibrational energy redistribution in CF3H studied by vibrational overtone spectroscopy. Journal of Chemical Physics, 1996, 105, 6285-6292.	1.2	41
62	Molecular-beam/surface-science apparatus for state-resolved chemisorption studies using pulsed-laser preparation. Review of Scientific Instruments, 2003, 74, 4110-4120.	0.6	40
63	Combining ultra-high resolution ion mobility spectrometry with cryogenic IR spectroscopy for the study of biomolecular ions. Faraday Discussions, 2019, 217, 114-125.	1.6	40
64	Dipole Moments of Highly Vibrationally Excited Water. Science, 2002, 297, 993-995.	6.0	39
65	Approaching the full set of energy levels of water. Journal of Chemical Physics, 2007, 126, 241101.	1.2	39
66	Spectroscopy of mobility-selected biomolecular ions. Faraday Discussions, 2011, 150, 243.	1.6	39
67	Vibrational overtone spectroscopy of jet-cooled methanol from 5000 to 14â€Š000 cmâ^'1. Journal of Chemical Physics, 2005, 122, 044314.	1.2	36
68	A new technique for stateâ€toâ€state studies of unimolecular reactions. Journal of Chemical Physics, 1988, 89, 4448-4450.	1.2	34
69	The spectroscopy and intramolecular vibrational energy redistribution dynamics of HOCl in the vOH=6 region, probed by infrared-visible double resonance overtone excitation. Journal of Chemical Physics, 1999, 111, 123-133.	1.2	34
70	State-to-state studies of intramolecular energy transfer in highly excited HOOH(D): Dependencies on vibrational and rotational excitation. Journal of Chemical Physics, 2000, 112, 7461-7474.	1.2	33
71	Combining Ion Mobility and Cryogenic Spectroscopy for Structural and Analytical Studies of Biomolecular Ions. Accounts of Chemical Research, 2018, 51, 1487-1495.	7.6	33
72	State-to-state unimolecular reaction dynamics of highly vibrationally excited molecules. Chemical Society Reviews, 2001, 30, 214-225.	18.7	32

#	Article	IF	Citations
73	Conformation-Specific Spectroscopy of Peptide Fragment Ions in a Low-Temperature Ion Trap. Journal of the American Society for Mass Spectrometry, 2012, 23, 1029-1045.	1.2	32
74	Torsionâ€“rotation analysis of OH stretch overtoneâ€“torsion combination bands in methanol. Journal of Chemical Physics, 2002, 116, 91.	1.2	30
75	Broad vibrational overtone linewidths in the 7Î½OH band of rotationally selected NH2OH. Journal of Chemical Physics, 1990, 93, 9194-9196.	1.2	29
76	Molecular hydrogen messengers can lead to structural infidelity: A cautionary tale of protonated glycine. Journal of Chemical Physics, 2015, 143, 104313.	1.2	29
77	Cryogenic IR spectroscopy combined with ion mobility spectrometry for the analysis of human milk oligosaccharides. Analyst, The, 2018, 143, 1846-1852.	1.7	29
78	Laser Spectroscopic Study of Cold Hostâ€“Guest Complexes of Crown Ethers in the Gas Phase. ChemPhysChem, 2013, 14, 649-660.	1.0	28
79	Conformational Structures of a Decapeptide Validated by First Principles Calculations and Cold Ion Spectroscopy. ChemPhysChem, 2015, 16, 1374-1378.	1.0	28
80	Collisionally enhanced isotopic selectivity in multiphoton dissociation of vibrationally excited CF3H. Journal of Chemical Physics, 2003, 118, 93-103.	1.2	27
81	Collisionally Assisted Spectroscopy of Water from 27â€‰000 to 34â€‰000 cmâ^'1. Journal of Physical Chemistry A, 2008, 112, 10539-10545.	1.1	27
82	How General Is Anomeric Retention during Collision-Induced Dissociation of Glycans?. Journal of the American Chemical Society, 2020, 142, 5948-5951.	6.6	27
83	Double-resonance overtone photofragment spectroscopy oftrans-HONO. II. State- and time-resolved dissociation and OH-product state distributions. Journal of Chemical Physics, 2002, 116, 10267-10276.	1.2	26
84	Communication: Feshbach resonances in the water molecule revealed by state-selective spectroscopy. Journal of Chemical Physics, 2010, 133, 081103.	1.2	26
85	Assessment of amide I spectroscopic maps for a gas-phase peptide using IR-UV double-resonance spectroscopy and density functional theory calculations. Journal of Chemical Physics, 2014, 140, 224111.	1.2	26
86	Solvent Effects on the Encapsulation of Divalent Ions by Benzo-18-Crown-6 and Benzo-15-Crown-5. Journal of Physical Chemistry A, 2015, 119, 8097-8105.	1.1	23
87	Multiple Isomers and Protonation Sites of the Phenylalanine/Serine Dimer. Journal of the American Chemical Society, 2012, 134, 11053-11055.	6.6	22
88	Toward High-Throughput Cryogenic IR Fingerprinting of Mobility-Separated Glycan Isomers. ACS Measurement Science Au, 2021, 1, 157-164.	1.9	22
89	Cryogenic Ion Spectroscopy for Identification of Monosaccharide Anomers. Journal of Physical Chemistry A, 2019, 123, 2815-2819.	1.1	21
90	Intramolecular energy transfer in highly vibrationally excited methanol. IV. Spectroscopy and dynamics of 13CH3OH. Journal of Chemical Physics, 2000, 113, 10068-10072.	1.2	20

#	Article	IF	Citations
91	Product energy partitioning in the unimolecular decomposition of vibrationally and rotationally stateâ€selected hydrogen peroxide. Journal of Chemical Physics, 1992, 96, 5129-5136.	1.2	19
92	Eigenstate-resolved unimolecular dissociation dynamics of HOCl at vOH = 7 and 8. Physical Chemistry Chemical Physics, 2001, 3, 2245-2252.	1.3	19
93	Analyzing glycans cleaved from a biotherapeutic protein using ultrahigh-resolution ion mobility spectrometry together with cryogenic ion spectroscopy. Analyst, The, 2020, 145, 6493-6499.	1.7	19
94	Local modes of HOOH probed by opticalâ€infrared double resonance. Journal of Chemical Physics, 1991, 95, 865-871.	1.2	18
95	Efficient stimulated Raman pumping for quantum state resolved surface reactivity measurements. Review of Scientific Instruments, 2006, 77, 054103.	0.6	17
96	Effects of N-Terminus Substitution on the Structure and Spectroscopy of Gas-Phase Helices. Chimia, 2008, 62, 240.	0.3	15
97	State-resolved spectroscopy of high vibrational levels of water up to the dissociative continuum. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2012, 370, 2710-2727.	1.6	15
98	A new approach for identifying positional isomers of glycans cleaved from monoclonal antibodies. Analyst, The, 2021, 146, 4789-4795.	1.7	15
99	Unravelling the structures of sodiated Î²-cyclodextrin and its fragments. Physical Chemistry Chemical Physics, 2021, 23, 13714-13723.	1.3	15
100	Planar Multipole Ion Trap/Time-of-Flight Mass Spectrometer. Analytical Chemistry, 2011, 83, 7895-7901.	3.2	14
101	UV and IR spectroscopy of cold 1,2-dimethoxybenzene complexes with alkali metal ions. Physical Chemistry Chemical Physics, 2012, 14, 4457.	1.3	14
102	Assessing the performance of computational methods for the prediction of the ground state structure of a cyclic decapeptide. International Journal of Quantum Chemistry, 2013, 113, 808-814.	1.0	14
103	Franckâ€“Condon-like Progressions in Infrared Spectra of Biological Molecules. Journal of Physical Chemistry A, 2015, 119, 10494-10501.	1.1	14
104	Infrared spectrum of tâ€butyl hydroperoxide excited to the 4Î½OH vibrational overtone level. Journal of Chemical Physics, 1991, 95, 1461-1465.	1.2	13
105	Stark coefficients for highly excited rovibrational states of H2O. Journal of Chemical Physics, 2012, 136, 244308.	1.2	13
106	Conformational Preferences of Gas-Phase Helices: Experiment and Theory Struggle to Agree: The Seven-Residue Peptide Ac-Phe-(Ala)5-Lys-H+. Chemistry - A European Journal, 2012, 18, 12941-12944.	1.7	13
107	IR-induced conformational isomerization of a helical peptide in a cold ion trap. Journal of Chemical Physics, 2016, 144, 014304.	1.2	13
108	Dipole moments of HDO in highly excited vibrational states measured by Stark induced photofragment quantum beat spectroscopy. Journal of Chemical Physics, 2005, 122, 124312.	1.2	12

#	Article	IF	Citations
109	UV and IR Spectroscopy of Transition Metalâ€“Crown Ether Complexes in the Gas Phase: Mn2+(benzo-15-crown-5)(H2O)0â€“2. Journal of Physical Chemistry A, 2019, 123, 6781-6786.	1.1	12
110	Combining Cryogenic Infrared Spectroscopy with Selective Enzymatic Cleavage for Determining Glycan Primary Structure. Analytical Chemistry, 2020, 92, 1658-1662.	3.2	12
111	Identifying Mixtures of Isomeric Human Milk Oligosaccharides by the Decomposition of IR Spectral Fingerprints. Analytical Chemistry, 2021, 93, 14730-14736.	3.2	12
112	Nonlinear intensity dependence in the infrared multiphoton excitation and dissociation of methanol pre-excited to different energies. Journal of Chemical Physics, 2002, 117, 9793-9805.	1.2	11
113	Conformational dependence of intramolecular vibrational redistribution in methanol. Journal of Chemical Physics, 2007, 126, 044311.	1.2	11
114	Structural Melting of an Amino Acid Dimer upon Intersystem Crossing. Journal of the American Chemical Society, 2014, 136, 14974-14980.	6.6	11
115	Can Mutational Analysis Be Used To Assist Structure Determination of Peptides?. Journal of the American Chemical Society, 2018, 140, 2401-2404.	6.6	11
116	Capping Motif for Peptide Helix Formation. Journal of Physical Chemistry Letters, 2015, 6, 1504-1508.	2.1	10
117	UV and IR Spectroscopy of Cold H₂O⁺â€“Benzo-Crown Ether Complexes. Journal of Physical Chemistry A, 2015, 119, 11113-11118.	1.1	10
118	Infrared Spectroscopy as a Probe of Electronic Energy Transfer. Journal of Physical Chemistry Letters, 2018, 9, 3217-3223.	2.1	10
119	Identification of N-glycan positional isomers by combining IMS and vibrational fingerprinting of structurally determinant CID fragments. Analyst, The, 2022, 147, 704-711.	1.7	10
120	A New Strategy Coupling Ion-Mobility-Selective CID and Cryogenic IR Spectroscopy to Identify Glycan Anomers. Journal of the American Society for Mass Spectrometry, 2022, 33, 859-864.	1.2	9
121	Identification of Mobility-Resolved N-Glycan Isomers. Analytical Chemistry, 2022, 94, 10101-10108.	3.2	9
122	Isotopically Selective Infrared Multiphoton Dissociation of Vibrationally Excited SiH4. Journal of Physical Chemistry A, 2002, 106, 5221-5229.	1.1	8
123	Infrared Laser Chemistry of Trichlorosilane in View of Silicon Isotope Separation. Journal of Physical Chemistry A, 2003, 107, 8578-8583.	1.1	8
124	The dipole moment of HOCl in vOH=4. Journal of Molecular Spectroscopy, 2003, 221, 116-120.	0.4	7
125	Fluorescence detected microwave Stark effect measurements in excited vibrational states of H2CO. Journal of Chemical Physics, 2003, 119, 8910-8915.	1.2	7
126	Cryogenic Infrared Action Spectroscopy Fingerprints the Hydrogen Bonding Network in Gas-Phase Coumarin Cations. Journal of Physical Chemistry A, 2020, 124, 9942-9950.	1.1	7

#	Article	IF	Citations
127	High-Throughput Multiplexed Infrared Spectroscopy of Ion Mobility-Separated Species Using Hadamard Transform. Analytical Chemistry, 2022, , .	3.2	7
128	Rotational and Torsional Analysis of the OH-Stretch Third Overtone in 13CH3OH. Journal of Molecular Spectroscopy, 2002, 211, 221-227.	0.4	6
129	Quantum State Resolved Studies of Gas/Surface Reaction Dynamics. Chimia, 2004, 58, 306-310.	0.3	6
130	Microhydration of Dibenzo-18-Crown-6 Complexes with K+, Rb+, and Cs+ Investigated by Cold UV and IR Spectroscopy in the Gas Phase. Journal of Physical Chemistry A, 2018, 122, 3754-3763.	1.1	6
131	Collisionally assisted, highly selective laser isotope separation of carbon-13. Journal of Chemical Physics, 2004, 121, 11771-11779.	1.2	5
132	Efficient, highly selective laser isotope separation of carbon-13. Applied Physics B: Lasers and Optics, 2006, 83, 311-317.	1.1	5
133	Kinetically Trapped Liquid-State Conformers of a Sodiated Model Peptide Observed in the Gas Phase. Journal of Physical Chemistry A, 2017, 121, 6838-6844.	1.1	5
134	Isotopically selective collisional vibrational energy transfer in CF3H. Journal of Chemical Physics, 2007, 126, 054302.	1.2	4
135	Cryogenic Spectroscopy and Quantum Molecular Dynamics Determine the Structure of Cyclic Intermediates Involved in Peptide Sequence Scrambling. Journal of Physical Chemistry Letters, 2015, 6, 2524-2529.	2.1	4
136	Structural Insights from Tandem Mass Spectrometry, Ion Mobility-Mass Spectrometry, and Infrared/Ultraviolet Spectroscopy on Sphingonodin I: Lasso vs Branched-Cyclic Topoisomers. Journal of the American Society for Mass Spectrometry, 2021, 32, 1096-1104.	1.2	4
137	UV and IR Spectroscopy of Cryogenically Cooled, Lanthanide-Containing Ions in the Gas Phase. Inorganic Chemistry, 2017, 56, 277-281.	1.9	3
138	Double resonance vibrational overtone spectroscopy of CF 3 H in a supersonic free jet. , 1995, , .		1
139	Going large(r): general discussion. Faraday Discussions, 2019, 217, 476-513.	1.6	1
140	State-to-state studies of intramolecular dynamics. , 1992, , .		0
141	The Spectroscopy and Photophysics of the Amino Acid Tryptophan in the Gas Phase. , 1987, , 133-147.		0
142	Multiple Laser Probes of Intramolecular Dynamics at Chemically Significant Energies. Jerusalem Symposia on Quantum Chemistry and Biochemistry, 1991, , 25-45.	0.2	0