Simonetta Fornarini

List of Publications by Year
in descending order

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171	3,659	109321	206112
papers	citations	35 h-index	48 g-index

177	177	177	2472
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prevailing charge transfer in the reaction of protonated and neutral nitric oxide: A theoretical and experimental study. International Journal of Mass Spectrometry, 2022, 471, 116724.	1.5	0
2	Cationâ€Ï€ Interactions between a Noble Metal and a Polyfunctional Aromatic Ligand: Ag⁺(benzylamine). Chemistry - A European Journal, 2022, 28, .	3.3	5
3	Ligation Motifs in Zinc-Bound Sulfonamide Drugs Assayed by IR Ion Spectroscopy. Molecules, 2022, 27, 3144.	3.8	0
4	Binding Motifs in the Naked Complexes of Target Amino Acids with an Excerpt of Antitumor Active Biomolecule: An Ion Vibrational Spectroscopy Assay. Chemistry - A European Journal, 2021, 27, 2348-2360.	3.3	3
5	Molecular Properties of Bare and Microhydrated Vitamin B5â€“Calcium Complexes. International Journal of Molecular Sciences, 2021, 22, 692.	4.1	5
6	From Preassociation to Chelation: A Survey of Cisplatin Interaction with Methionine at Molecular Level by IR Ion Spectroscopy and Computations. Journal of the American Society for Mass Spectrometry, 2021, 32, 2206-2217.	2.8	7
7	Metabolomic Profiling of Fresh Goji (Lycium barbarum L.) Berries from Two Cultivars Grown in Central Italy: A Multi-Methodological Approach. Molecules, 2021, 26, 5412.	3.8	12
8	Molecular Basis for the Remarkably Different Gas-Phase Behavior of Deprotonated Thyroid Hormones Triiodothyronine (T3) and Reverse Triiodothyronine (rT3): A Clue for Their Discrimination?. Analytical Chemistry, 2021, 93, 14869-14877.	6.5	7
9	Binding motifs of cisplatin interaction with simple biomolecules and aminoacid targets probed by IR ion spectroscopy. Pure and Applied Chemistry, 2020, 92, 3-13.	1.9	14
10	Phytochemical and biological characterization of Italian â€œsedano bianco di Sperlongaâ€•Protected Geographical Indication celery ecotype: A multimethodological approach. Food Chemistry, 2020, 309, 125649.	8.2	25
11	Applications of Infrared Multiple Photon Dissociation (IRMPD) to the Detection of Posttranslational Modifications. Chemical Reviews, 2020, 120, 3261-3295.	47.7	51
12	Satureja montana L. Essential Oils: Chemical Profiles/Phytochemical Screening, Antimicrobial Activity and O/W NanoEmulsion Formulations. Pharmaceutics, 2020, 12, 7.	4.5	43
13	Chemico-Biological Characterization of Torpedino Di FondiÂ® Tomato Fruits: A Comparison with San Marzano Cultivar at Two Ripeness Stages. Antioxidants, 2020, 9, 1027.	5.1	12
14	Can an Elusive Platinum(III) Oxidation State be Exposed in an Isolated Complex?. Angewandte Chemie - International Edition, 2020, 59, 15595-15598.	13.8	3
15	Can an Elusive Platinum(III) Oxidation State be Exposed in an Isolated Complex?. Angewandte Chemie, 2020, 132, 15725-15728.	2.0	1
16	Insights into Cisplatin Binding to Uracil and Thiouracils from IRMPD Spectroscopy and Tandem Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2020, 31, 946-960.	2.8	19
17	IRMPD Spectra of Protonated Hydroxybenzaldehydes: Evidence of Torsional Barriers in Carboxonium Ions. ChemPhysChem, 2020, 21, 749-761.	2.1	1
18	Metabolic profiling of different wild and cultivated Allium species based on highâ€resolution mass spectrometry, highâ€performance liquid chromatographyâ€photodiode array detector, and color analysis. Journal of Mass Spectrometry, 2020, 55, e4525.	1.6	11

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19	A multi-methodological inquiry of the behavior of cisplatin-based Pt(IV) derivatives in the presence of bioreductants with a focus on the isolated encounter complexes. Journal of Biological Inorganic Chemistry, 2020, 25, 655-670.	2.6	22
20	IR ion spectroscopy in a combined approach with MS/MS and IM-MS to discriminate epimeric anthocyanin glycosides (cyanidin 3-O-glucoside and -galactoside). International Journal of Mass Spectrometry, 2019, 444, 116179.	1.5	22
21	Ultra-Fast-VUV Photoemission Study of UV Excited 2-Nitrophenol. Journal of Physical Chemistry A, 2019, 123, 1295-1302.	2.5	14
22	Vibrational signatures of curcuminâ€™s chelation in copper(II) complexes: An appraisal by IRMPD spectroscopy. Journal of Chemical Physics, 2019, 150, 165101.	3.0	8
23	Elusive Intermediates in the Breakdown Reactivity Patterns of Prodrug Platinum(IV) Complexes. Journal of the American Society for Mass Spectrometry, 2019, 30, 1881-1894.	2.8	8
24	<scp>l</scp>-Cysteine Modified by S-Sulfation: Consequence on Fragmentation Processes Elucidated by Tandem Mass Spectrometry and Chemical Dynamics Simulations. Journal of Physical Chemistry A, 2019, 123, 3685-3696.	2.5	20
25	An integrated approach to study novel properties of a MALDI matrix (4-maleicanhydridoproton) Tj ETQq1 1 0.784314 rgBT /Overlock	3.7	18
26	Satureja montana L. essential oil and its antimicrobial activity alone or in combination with gentamicin. Microbial Pathogenesis, 2019, 126, 323-331.	2.9	45
27	Short-lived intermediates (encounter complexes) in cisplatin ligand exchange elucidated by infrared ion spectroscopy. International Journal of Mass Spectrometry, 2019, 435, 7-17.	1.5	20
28	Hydrogen Atom vs. Hydride Transfer in Cytochrome P450 Oxidations: A Combined Mass Spectrometry and Computational Study. European Journal of Inorganic Chemistry, 2018, 2018, 1854-1865.	2.0	7
29	A multi-methodological approach in the study of Italian PDO â€œCornetto di Pontecorvoâ€•red sweet pepper. Food Chemistry, 2018, 255, 120-131.	8.2	38
30	Complexation of halide ions to tyrosine: role of non-covalent interactions evidenced by IRMPD spectroscopy. Physical Chemistry Chemical Physics, 2018, 20, 4429-4441.	2.8	16
31	Photoionization mass spectrometry of Ï‰-phenylalkylamines: Role of radical cation-Ï€ interaction. Journal of Chemical Physics, 2018, 148, 164307.	3.0	3
32	Adenosine monophosphate recognition by zincâ€“salophen complexes: IRMPD spectroscopy and quantum modeling study. Journal of Molecular Spectroscopy, 2017, 335, 108-116.	1.2	12
33	Hydrolysis of cis- and transplatin: structure and reactivity of the aqua complexes in a solvent free environment. RSC Advances, 2017, 7, 15877-15884.	3.6	34
34	Cisplatin Primary Complex with <scp>l</scp>â€Histidine Target Revealed by IR Multiple Photon Dissociation (IRMPD) Spectroscopy. ChemPhysChem, 2017, 18, 318-325.	2.1	33
35	Experimental and Computational Investigation of Salophenâ€“Zn Gas Phase Complexes with Cations: A Source of Possible Interference in Anionic Recognition. Journal of Physical Chemistry A, 2017, 121, 7042-7050.	2.5	1
36	Cisplatin and transplatin interaction with methionine: bonding motifs assayed by vibrational spectroscopy in the isolated ionic complexes. Physical Chemistry Chemical Physics, 2017, 19, 26697-26707.	2.8	26

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37	Undervalued N3 Coordination Revealed in the Cisplatin Complex with 2â€²-Deoxyadenosine-5â€²-monophosphate by a Combined IRMPD and Theoretical Study. Inorganic Chemistry, 2017, 56, 8793-8801.	4.0	17
38	Structure and dynamics of gas phase ions: Interplay between experiments and computations in IRMPD spectroscopy. AIP Conference Proceedings, 2017, , .	0.4	1
39	Vibrational signatures of gaseous Meisenheimer complexes bonded at carbon and nitrogen. International Journal of Mass Spectrometry, 2017, 418, 173-179.	1.5	1
40	Cisplatin Binding to Biological Ligands Revealed at the Encounter Complex Level by IR Action Spectroscopy. Chemistry - A European Journal, 2016, 22, 3794-3803.	3.3	33
41	A Systematic Account on Aromatic Hydroxylation by a Cytochrome P450 Model Compound I: A Lowâ€Pressure Mass Spectrometry and Computational Study. Chemistry - A European Journal, 2016, 22, 18608-18619.	3.3	74
42	Amino Acid Oxidation: A Combined Study of Cysteine Oxo Forms by IRMPD Spectroscopy and Simulations. Chemistry - A European Journal, 2016, 22, 17239-17250.	3.3	19
43	Effects of Aromatic Fluorine Substitution on Protonated Neurotransmitters: The Case of 2â€Phenylethylamine. Chemistry - A European Journal, 2016, 22, 8124-8136.	3.3	13
44	IRMPD signature of protonated pantothenic acid, an ubiquitous nutrient. Chemical Physics Letters, 2016, 646, 162-167.	2.6	4
45	A comprehensive test set of epoxidation rate constants for iron(<scp>iv</scp>)â€“oxo porphyrin cation radical complexes. Chemical Science, 2015, 6, 1516-1529.	7.4	96
46	Exploring the Conformational Variability in the Heme b Propionic Acid Side Chains through the Effect of a Biological Probe: A Study of the Isolated Ions. Journal of Physical Chemistry B, 2015, 119, 1919-1929.	2.6	5
47	Nitrosylâ€“heme and anionâ€“arene complexes: structure, reactivity and spectroscopy. Pure and Applied Chemistry, 2015, 87, 379-390.	1.9	2
48	IR spectrum of the protonated neurotransmitter 2-phenylethylamine: dispersion and anharmonicity of the NH₃⁺â€“Ï€ interaction. Physical Chemistry Chemical Physics, 2015, 17, 25742-25754.	2.8	34
49	Serine O-sulfation probed by IRMPD spectroscopy. Physical Chemistry Chemical Physics, 2015, 17, 25891-25904.	2.8	32
50	Interaction of Cisplatin with 5â€²-dGMP: A Combined IRMPD and Theoretical Study. Inorganic Chemistry, 2015, 54, 3513-3522.	4.0	37
51	Binding of azole drugs to heme: A combined MS/MS and computational approach. Polyhedron, 2015, 90, 245-251.	2.2	7
52	Elusive Sulfurous Acid: Gas-Phase Basicity and IR Signature of the Protonated Species. Journal of Physical Chemistry Letters, 2015, 6, 1605-1610.	4.6	17
53	Intrinsic Properties of Nitric Oxide Binding to Ferrous and Ferric Hemes. Croatica Chemica Acta, 2014, 87, 307-314.	0.4	8
54	Anion Recognition by Uranylâ€“Salophen Derivatives as Probed by Infrared Multiple Photon Dissociation Spectroscopy and Ab Initio Modeling. Chemistry - A European Journal, 2014, 20, 11783-11792.	3.3	13

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55	Probing the exposure of the phosphate group in modified amino acids and peptides by ion-molecule reactions with triethoxyborane in Fourier transform ion cyclotron resonance mass spectrometry. Rapid Communications in Mass Spectrometry, 2014, 28, 1107-1116.	1.5	2
56	Kinetic control in the CID-induced elimination of H₃PO₄ from phosphorylated serine probed using IRMPD spectroscopy. Chemical Communications, 2014, 50, 3845-3848.	4.1	30
57	Vibrational Signatures of S-Nitrosoglutathione as Gaseous, Protonated Species. Journal of Physical Chemistry B, 2014, 118, 12371-12382.	2.6	20
58	Cationâ^Ï€ Interactions in Protonated Phenylalkylamines. Journal of Physical Chemistry A, 2014, 118, 7130-7138.	2.5	42
59	Halide adducts of 1,3,5-trinitrobenzene: Vibrational signatures and role of anionâ€“Ï€ interactions. International Journal of Mass Spectrometry, 2013, 354-355, 62-69.	1.5	10
60	Vibrational Signatures of the Naked Aqua Complexes from Platinum(II) Anticancer Drugs. Journal of Physical Chemistry Letters, 2013, 4, 3631-3635.	4.6	39
61	Communication: Infrared spectroscopy of protonated allyl-trimethylsilane: Evidence for the Î²-silyl effect. Journal of Chemical Physics, 2013, 139, 071102.	3.0	6
62	Infrared spectroscopy of nucleotides in the gas phase 2. The protonated cyclic 3â€²,5â€²-adenosine monophosphate. RSC Advances, 2013, 3, 12711.	3.6	25
63	Interaction of Cisplatin with Adenine and Guanine: A Combined IRMPD, MS/MS, and Theoretical Study. Journal of the American Chemical Society, 2013, 135, 1445-1455.	13.7	64
64	N-nitrosation of N-acetyltryptophan probed by IR spectroscopy of the gaseous anion. Chemical Physics Letters, 2013, 588, 215-219.	2.6	5
65	Isomeric C5H11Si+ ions from the trimethylsilylation of acetylene: An experimental and theoretical study. International Journal of Mass Spectrometry, 2013, 334, 58-66.	1.5	8
66	IR Signature of NO Binding to a Ferrous Heme Center. Journal of Physical Chemistry Letters, 2013, 4, 2414-2417.	4.6	24
67	Cyanideâ€“Arene Meisenheimer Complex Generated in Electrospray Ionization Mass Spectrometry Using Acetonitrile as a Solvent. Journal of the American Society for Mass Spectrometry, 2013, 24, 1603-1607.	2.8	13
68	The effect of fluorine substitution on chiral recognition: interplay of CHâ‹¯Ï€, OHâ‹¯Ï€ and CHâ‹¯F interactions in gas-phase complexes of 1-aryl-1-ethanol with butan-2-ol. Physical Chemistry Chemical Physics, 2013, 15, 19360.	2.8	8
69	Tandem Mass Spectrometry of Nitric Oxide and Hydrogen Sulfide Releasing Aspirins: A Hint into Activity Behavior. Mass Spectrometry, 2013, 2, A0017-A0017.	0.6	2
70	Communication: Vibrational study of a benzyl carbanion: Deprotonated 2,4-dinitrotoluene. Journal of Chemical Physics, 2012, 137, 181101.	3.0	9
71	S-nitrosation of cysteine as evidenced by IRMPD spectroscopy. International Journal of Mass Spectrometry, 2012, 330-332, 160-167.	1.5	31
72	Discrimination of 4-Hydroxyproline Diastereomers by Vibrational Spectroscopy of the Gaseous Protonated Species. Journal of Physical Chemistry B, 2012, 116, 8771-8779.	2.6	41

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73	Benzylium versus Tropylium Ion Dichotomy: Vibrational Spectroscopy of Gaseous C₈H₉⁺ Ions. Angewandte Chemie - International Edition, 2012, 51, 4947-4949.	13.8	38
74	Jahnâ€“Teller Distortion of Hydrocarbon Cations Probed by Infrared Photodissociation Spectroscopy. Angewandte Chemie - International Edition, 2012, 51, 7373-7375.	13.8	9
75	IR spectroscopy of gaseous fluorocarbon ions: The perfluoroethyl anion. Chemical Physics, 2012, 398, 118-123.	1.9	9
76	Naked Five-Coordinate FeIII(NO) Porphyrin Complexes: Vibrational and Reactivity Features. Inorganic Chemistry, 2011, 50, 4445-4452.	4.0	47
77	Tyrosine nitration as evidenced by IRMPD spectroscopy. International Journal of Mass Spectrometry, 2011, 308, 209-216.	1.5	21
78	A neutralizationâ€“reionization and reactivity mass spectrometry study of the generation of neutral hydroxymethylene. Journal of Mass Spectrometry, 2011, 46, 546-552.	1.6	1
79	Probing Bare High-Valent Transition Oxoâ€“Metal Complexes: An Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Study of Reactive Intermediates. European Journal of Mass Spectrometry, 2010, 16, 407-414.	1.0	5
80	Protonated Sulfuric Acid: Vibrational Signatures of the Naked Ion in the Near- and Mid-IR. Journal of Physical Chemistry Letters, 2010, 1, 1721-1724.	4.6	12
81	Probing â€˜Spin-Forbiddenâ€™ Oxygen-Atom Transfer: Gas-Phase Reactions of Chromiumâ€™Porphyrin Complexes. Journal of the American Chemical Society, 2010, 132, 4336-4343.	13.7	20
82	Cysteine radical cation: A distonic structure probed by gas phase IR spectroscopy. Physical Chemistry Chemical Physics, 2010, 12, 9794.	2.8	55
83	IRMPD spectroscopy of protonated S-nitrosocaptopril, a biologically active, synthetic amino acid. Physical Chemistry Chemical Physics, 2010, 12, 13455.	2.8	20
84	Molecular Complexes of Simple Anions with Electronâ€Ðeficient Arenes: Spectroscopic Evidence for Two Types of Structural Motifs for Anionâ€“Arene Interactions. Chemistry - A European Journal, 2009, 15, 8185-8195.	3.3	44
85	Oxygenâ€Atom Transfer by a Naked Manganese(V)â€“Oxoâ€“Porphyrin Complex Reveals Axial Ligand Effect. Chemistry - A European Journal, 2009, 15, 7863-7866.	3.3	50
86	Midâ€IR Spectroscopy and Structural Features of Protonated Carbonic Acid in the Gas Phase. ChemPhysChem, 2009, 10, 520-522.	2.1	10
87	Direct Probe of NO Vibration in the Naked Ferric Heme Nitrosyl Complex. ChemPhysChem, 2008, 9, 826-828.	2.1	33
88	Infrared spectroscopy of isolated nucleotides. 1. The cyclic 3â€²,5â€²-adenosine monophosphate anion. International Journal of Mass Spectrometry, 2008, 270, 111-117.	1.5	43
89	Site-selectivity of protonation in gaseous toluene. Physical Chemistry Chemical Physics, 2008, 10, 5507.	2.8	6
90	Probing the Compound I-like Reactivity of a Bare High-Valent Oxo Iron Porphyrin Complex:â€‰ The Oxidation of Tertiary Amines. Journal of the American Chemical Society, 2008, 130, 3208-3217.	13.7	84

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91	Unravelling the Intrinsic Features of NO Binding to Iron(II)- and Iron(III)-Hemes. Inorganic Chemistry, 2008, 47, 7792-7801.	4.0	36
92	Compound I of Naked Heme (Iron Protoporphyrin IX). Inorganic Chemistry, 2007, 46, 9018-9020.	4.0	20
93	Protonated Heme. Chemistry - A European Journal, 2007, 13, 776-785.	3.3	24
94	Meisenheimer Complexes Positively Characterized as Stable Intermediates in the Gas Phase. Angewandte Chemie - International Edition, 2007, 46, 1995-1998.	13.8	68
95	Protonation of heterocyclic aromatic molecules: IR signature of the protonation site of furan and pyrrole. International Journal of Mass Spectrometry, 2007, 267, 43-53.	1.5	43
96	IR Spectroscopic Features of Gaseous C7H7O+Ions:Â Benzylium versus Tropylium Ion Structures. Journal of Physical Chemistry A, 2006, 110, 9352-9360.	2.5	50
97	IR spectroscopy of protonated toluene: Probing ring hydrogen shifts in gaseous arenium ions. International Journal of Mass Spectrometry, 2006, 249-250, 149-154.	1.5	49
98	Heme-peptide/protein ions and phosphorous ligands: search for site-specific addition reactions. Journal of Biological Inorganic Chemistry, 2006, 12, 22-35.	2.6	9
99	Ï€-Complex Structure of Gaseous Benzeneâ‹¯NO Cations Assayed by IR Multiple Photon Dissociation Spectroscopy. Journal of the American Chemical Society, 2006, 128, 12553-12561.	13.7	55
100	Binding of gaseous Fe(III)-heme cation to model biological molecules: Direct association and ligand transfer reactions. Journal of the American Society for Mass Spectrometry, 2005, 16, 589-598.	2.8	40
101	Infrared Spectroscopy of Protonated Phenylsilane in the Gas Phase. ChemPhysChem, 2005, 6, 437-440.	2.1	32
102	Chemistry of Protonated Species in Gaseous Environments. ChemInform, 2005, 36, no.	0.0	0
103	What Ion Is Generated When Ionizing Acetonitrile?. Journal of Physical Chemistry A, 2005, 109, 4425-4427.	2.5	13
104	Protonation Sites of Isolated Fluorobenzene Revealed by IR Spectroscopy in the Fingerprint Range. Journal of Physical Chemistry A, 2005, 109, 7881-7887.	2.5	57
105	Cationâ€“Ï€ interactions in gaseous Ï‰-phenylalkyloxonium ions. International Journal of Mass Spectrometry, 2004, 235, 145-154.	1.5	9
106	Chemistry of protonated species in gaseous environments. Journal of Physical Organic Chemistry, 2004, 17, 957-966.	1.9	9
107	Infrared Absorption Features of Gaseous Isopropyl Carbocations. ChemPhysChem, 2004, 5, 1679-1685.	2.1	21
108	Fourier transform ion cyclotron resonance study of the gas-phase basicity ofN-nitrosodimethylamine. Journal of Mass Spectrometry, 2004, 39, 1379-1381.	1.6	3

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109	Gas-Phase Protonation of Benzocycloalkenes. European Journal of Mass Spectrometry, 2004, 10, 881-887.	1.0	4
110	Gas-phase hydrogen/deuterium exchange of adenine nucleotides. Journal of Mass Spectrometry, 2003, 38, 854-861.	1.6	24
111	Infrared Fingerprint of Protonated Benzene in the Gas Phase. Angewandte Chemie, 2003, 115, 2103-2105.	2.0	15
112	Ion-Molecule Reaction of Silicon Cations. ChemInform, 2003, 34, no.	0.0	0
113	Infrared Fingerprint of Protonated Benzene in the Gas Phase. Angewandte Chemie - International Edition, 2003, 42, 2057-2059.	13.8	87
114	Cationâ^Ï€ Interactions in the Gas Phase Methylation of Î±,Ï‰-Diphenylalkanes. Journal of Physical Chemistry A, 2003, 107, 4619-4624.	2.5	10
115	The Deprotonation of Benzyl Alcohol Radical Cations: A Mechanistic Dichotomy in the Gas Phase as in Solution. Chemistry - A European Journal, 2002, 8, 532-537.	3.3	13
116	Gas-Phase Dioxygen Activation by Binuclear Manganese Clusters. Chemistry - A European Journal, 2002, 8, 2740.	3.3	38
117	The Protonation of Gaseous Cyclopropane. Chemistry - A European Journal, 2001, 7, 2916-2921.	3.3	17
118	Gas-Phase Reactivity of Organosilane Radical Cations. An FT-ICR Study. Organometallics, 2000, 19, 844-848.	2.3	12
119	A Gas-Phase Study of the Ionic Alkylation of Benzocycloalkenes. Journal of the American Chemical Society, 2000, 122, 5397-5398.	13.7	11
120	Gas-Phase Ion Chemistry of Borazine, an Inorganic Analogue of Benzene. Journal of the American Chemical Society, 1999, 121, 11204-11210.	13.7	63
121	Electrophilic Substitution of Gaseous Borazine. Journal of the American Chemical Society, 1999, 121, 2619-2620.	13.7	37
122	Determination of sulfonamide antibiotics by gas chromatography coupled with atomic emission detection. Biomedical Applications, 1998, 706, 269-277.	1.7	73
123	Gas-Phase H/D Exchange between Arenium Ions and Selected Bases. The Site of Protonation of Simple Aromatics. Journal of the American Chemical Society, 1998, 120, 10856-10862.	13.7	15
124	Gaseous Arenium Ions at Atmospheric Pressure:â€‰ Elementary Reactions and Internal Solvation Effects. Accounts of Chemical Research, 1998, 31, 827-834.	15.6	57
125	Radiolytic Silylation of Alkenes and Alkynes by Gaseous R3Si+Ions. Stereochemical Evidence for the Î²-Silyl Effect. Journal of the American Chemical Society, 1998, 120, 1523-1527.	13.7	22
126	Positive Ion Chemistry of Elemental Fluorine. Journal of the American Chemical Society, 1997, 119, 9499-9503.	13.7	23

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127	Generation and assay of C6HxD(7-x)+ (x = 1â€“6) benzenium ions: a flowing afterglow-selected ion flow tube study. International Journal of Mass Spectrometry and Ion Processes, 1997, 161, 41-45.	1.8	21
128	Gas phase alkylation of phenyltrimethylgermanes. Journal of Organometallic Chemistry, 1997, 545-546, 45-51.	1.8	3
129	Gas phase germylation of simple aromatics by Me3Ge+ ions. Journal of Organometallic Chemistry, 1997, 545-546, 53-59.	1.8	6
130	Reactions of Bare and Ligated Chromium(I) Ions with Gaseous Arenes. Role of a â€œSpectatorâ€•Aromatic Ring in Chelate Complex Formation. Organometallics, 1996, 15, 5695-5700.	2.3	7
131	Mechanistic views on aromatic substitution reactions by gaseous cations. Mass Spectrometry Reviews, 1996, 15, 365-389.	5.4	56
132	Structure and Reactivity of Protonated Î±,Î±,Î±-Trifluorotoluene in the Gas Phase. A Combined FT-ICR, Radiolytic, and ab Initio MO Study. The Journal of Physical Chemistry, 1996, 100, 19859-19863.	2.9	8
133	BrÃ¸nsted-Acid Behavior of C6(H,D)7+Benzenium Ions. A Combined Approach by Radiolytic, FA-SIFT, and FT-ICR Methodologies. The Journal of Physical Chemistry, 1996, 100, 16201-16208.	2.9	23
134	[R₃Siâ€Aren]⁺â€Ïƒâ€Komplexe in der Gasphase. Angewandte Chemie, 1995, 107, 754-756.	2.0	0
135	[R3Si-arene]+Ïƒ Complexes in the Gas Phase. Angewandte Chemie International Edition in English, 1995, 34, 654-655.	4.4	21
136	[AreneÂ·Me3C+] non-covalent complexes in the gas-phase (trifluoro)methylation of tert-butyl-substituted diphenylalkanes. International Journal of Mass Spectrometry and Ion Processes, 1995, 148, 215-228.	1.8	12
137	Internal Solvation Effects on the Reactivity of .alpha.,.omega.-Diphenylalkanes toward Me3C+ Ions. The Journal of Physical Chemistry, 1995, 99, 3144-3149.	2.9	18
138	Gas-Phase Protonation of .alpha.,.omega.-Diphenylalkanes. The Journal of Physical Chemistry, 1995, 99, 3150-3155.	2.9	18
139	Aromatic Silylation of (Trimethylgermyl)benzene by Gaseous Me3Si+ Ions via Me3Ge+ Displacement. Organometallics, 1995, 14, 2624-2626.	2.3	12
140	Hydride ion transfer reactions in the gas phase. Pressure dependence of reaction efficiency as a criterion for the recognition of anchimeric assistance. Journal of the Chemical Society Chemical Communications, 1995, , 121.	2.0	7
141	Ion-Molecule Reactions in Gaseous CF4/CO Mixtures. Formation and Reactivity of CF3CO+ Ions. The Journal of Physical Chemistry, 1994, 98, 1641-1647.	2.9	11
142	Long-Livedipso-Silylatedp-Toluenium Ions: Evidence from a Kinetic Isotope Effect. Angewandte Chemie International Edition in English, 1994, 33, 1094-1096.	4.4	17
143	Langlebige ipsoâ€silylierte pâ€Tolylâ€Kationen â€“ Belege durch einen kinetischen Isotopeneffekt. Angewandte Chemie, 1994, 106, 1157-1159.	2.0	7
144	Ionic Lewis superacids in the gas phase. Part 4. CF+3 initiated ion/molecule reaction patterns in the Î³-radiolysis of CF4/n-bases gaseous mixtures. International Journal of Mass Spectrometry and Ion Processes, 1994, 130, 207-222.	1.8	7

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145	Gas phase reactivity of aromatic silanes. The reaction of Ph(CH2)xSiMe3(x = 0 or 1) with cationic electrophiles. Journal of Organometallic Chemistry, 1994, 465, 109-118.	1.8	5
146	Aromatic Alkylation by Gaseous Me3C+ Ions. Kinetic Role of Deprotonation of Intermediate Arenium Ions. Journal of the American Chemical Society, 1994, 116, 5873-5879.	13.7	14
147	Ionic Lewis superacids in the gas phase. Part 2. Reactions of gaseous CF+3 with oxygen bases. International Journal of Mass Spectrometry and Ion Processes, 1993, 127, 123-135.	1.8	20
148	Ionic Lewis superacids in the gas phase. Part 3. Reactions of gaseous CF+3 with nitrogen bases. International Journal of Mass Spectrometry and Ion Processes, 1993, 127, 137-146.	1.8	15
149	Interannular proton transfer in thermal arenium ions from the gas-phase alkylation of 1,2-diphenylethane. Journal of the American Chemical Society, 1993, 115, 1024-1031.	13.7	28
150	Proton shifts in gaseous arenium ions and their role in the gas-phase aromatic substitution by free Me3C+ and Me3Si+ [tert-butyl and trimethylsilyl] cations. Journal of the American Chemical Society, 1992, 114, 6776-6784.	13.7	76
151	Broensted versus Lewis acid reactivity of gaseous cations (ethyl, isopropyl, formyl) towards arenes. Journal of the American Chemical Society, 1992, 114, 2002-2009.	13.7	16
152	Protonated methanesulfonic acid and related ions: a study of their gas phase structure and reactivity. International Journal of Mass Spectrometry and Ion Processes, 1992, 112, 231-246.	1.8	3
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