

Maria Elisa Crestoni

List of Publications by Year in descending order

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168
papers

3,540
citations

117625

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47
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all docs

173
docs citations

173
times ranked

2581
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive test set of epoxidation rate constants for iron(IV)=oxo porphyrin cation radical complexes. <i>Chemical Science</i> , 2015, 6, 1516-1529.	7.4	96
2	Infrared Fingerprint of Protonated Benzene in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2057-2059.	13.8	87
3	Probing the Compound I-like Reactivity of a Bare High-Valent Oxo Iron Porphyrin Complex: The Oxidation of Tertiary Amines. <i>Journal of the American Chemical Society</i> , 2008, 130, 3208-3217.	13.7	84
4	Proton shifts in gaseous arenium ions and their role in the gas-phase aromatic substitution by free Me ₃ C ⁺ and Me ₃ Si ⁺ [tert-butyl and trimethylsilyl] cations. <i>Journal of the American Chemical Society</i> , 1992, 114, 6776-6784.	13.7	76
5	A Systematic Account on Aromatic Hydroxylation by a Cytochrome P450 Model Compound I: A Low-Pressure Mass Spectrometry and Computational Study. <i>Chemistry - A European Journal</i> , 2016, 22, 18608-18619.	3.3	74
6	Determination of sulfonamide antibiotics by gas chromatography coupled with atomic emission detection. <i>Biomedical Applications</i> , 1998, 706, 269-277.	1.7	73
7	Meisenheimer Complexes Positively Characterized as Stable Intermediates in the Gas Phase. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1995-1998.	13.8	68
8	Interaction of Cisplatin with Adenine and Guanine: A Combined IRMPD, MS/MS, and Theoretical Study. <i>Journal of the American Chemical Society</i> , 2013, 135, 1445-1455.	13.7	64
9	Gas-Phase Ion Chemistry of Borazine, an Inorganic Analogue of Benzene. <i>Journal of the American Chemical Society</i> , 1999, 121, 11204-11210.	13.7	63
10	Gaseous Arenium Ions at Atmospheric Pressure: Elementary Reactions and Internal Solvation Effects. <i>Accounts of Chemical Research</i> , 1998, 31, 827-834.	15.6	57
11	Protonation Sites of Isolated Fluorobenzene Revealed by IR Spectroscopy in the Fingerprint Range. <i>Journal of Physical Chemistry A</i> , 2005, 109, 7881-7887.	2.5	57
12	Iron-Complex Structure of Gaseous Benzene ⁺ NO Cations Assayed by IR Multiple Photon Dissociation Spectroscopy. <i>Journal of the American Chemical Society</i> , 2006, 128, 12553-12561.	13.7	55
13	Cysteine radical cation: A distonic structure probed by gas phase IR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 9794.	2.8	55
14	Applications of Infrared Multiple Photon Dissociation (IRMPD) to the Detection of Posttranslational Modifications. <i>Chemical Reviews</i> , 2020, 120, 3261-3295.	47.7	51
15	IR Spectroscopic Features of Gaseous C ₇ H ₇ O ⁺ Ions: Benzylum versus Tropylium Ion Structures. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9352-9360.	2.5	50
16	Oxygen-Atom Transfer by a Naked Manganese(V)=Oxo Porphyrin Complex Reveals Axial Ligand Effect. <i>Chemistry - A European Journal</i> , 2009, 15, 7863-7866.	3.3	50
17	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.	1.5	49
18	Naked Five-Coordinate Fe(III)(NO) Porphyrin Complexes: Vibrational and Reactivity Features. <i>Inorganic Chemistry</i> , 2011, 50, 4445-4452.	4.0	47

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19	Satureja montana L. essential oil and its antimicrobial activity alone or in combination with gentamicin. <i>Microbial Pathogenesis</i> , 2019, 126, 323-331.	2.9	45
20	Molecular Complexes of Simple Anions with Electron-Deficient Arenes: Spectroscopic Evidence for Two Types of Structural Motifs for Anion-Arene Interactions. <i>Chemistry - A European Journal</i> , 2009, 15, 8185-8195.	3.3	44
21	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.	1.5	43
22	Infrared spectroscopy of isolated nucleotides. 1. The cyclic 3',5'-adenosine monophosphate anion. <i>International Journal of Mass Spectrometry</i> , 2008, 270, 111-117.	1.5	43
23	Satureja montana L. Essential Oils: Chemical Profiles/Phytochemical Screening, Antimicrobial Activity and O/W NanoEmulsion Formulations. <i>Pharmaceutics</i> , 2020, 12, 7.	4.5	43
24	Cation- π Interactions in Protonated Phenylalkylamines. <i>Journal of Physical Chemistry A</i> , 2014, 118, 7130-7138.	2.5	42
25	Identification of a novel chalcone derivative that inhibits Notch signaling in T-cell acute lymphoblastic leukemia. <i>Scientific Reports</i> , 2017, 7, 2213.	3.3	42
26	Discrimination of 4-Hydroxyproline Diastereomers by Vibrational Spectroscopy of the Gaseous Protonated Species. <i>Journal of Physical Chemistry B</i> , 2012, 116, 8771-8779.	2.6	41
27	Binding of gaseous Fe(III)-heme cation to model biological molecules: Direct association and ligand transfer reactions. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 589-598.	2.8	40
28	Vibrational Signatures of the Naked Aqua Complexes from Platinum(II) Anticancer Drugs. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3631-3635.	4.6	39
29	Gas-Phase Dioxygen Activation by Binuclear Manganese Clusters. <i>Chemistry - A European Journal</i> , 2002, 8, 2740.	3.3	38
30	Benzylum versus Tropylium Ion Dichotomy: Vibrational Spectroscopy of Gaseous C ₈ H ₉ ⁺ Ions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4947-4949.	13.8	38
31	A multi-methodological approach in the study of Italian PDO "Cornetto di Pontecorvo" red sweet pepper. <i>Food Chemistry</i> , 2018, 255, 120-131.	8.2	38
32	Electrophilic Substitution of Gaseous Borazine. <i>Journal of the American Chemical Society</i> , 1999, 121, 2619-2620.	13.7	37
33	Interaction of Cisplatin with 5'-dGMP: A Combined IRMPD and Theoretical Study. <i>Inorganic Chemistry</i> , 2015, 54, 3513-3522.	4.0	37
34	Unravelling the Intrinsic Features of NO Binding to Iron(II)- and Iron(III)-Hemes. <i>Inorganic Chemistry</i> , 2008, 47, 7792-7801.	4.0	36
35	Cationic aromatic silylation in the gas phase. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1988, 84, 17-32.	1.8	35
36	IR spectrum of the protonated neurotransmitter 2-phenylethylamine: dispersion and anharmonicity of the NH ₃ ⁺ - π interaction. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 25742-25754.	2.8	34

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37	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
38	Direct Probe of NO Vibration in the Naked Ferric Heme Nitrosyl Complex. ChemPhysChem, 2008, 9, 826-828.	2.1	33
39	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
40	Cisplatin Primary Complex with I^- -Histidine Target Revealed by IR Multiple Photon Dissociation (IRMPD) Spectroscopy. ChemPhysChem, 2017, 18, 318-325.	2.1	33
41	Infrared Spectroscopy of Protonated Phenylsilane in the Gas Phase. ChemPhysChem, 2005, 6, 437-440.	2.1	32
42	Serine O-sulfation probed by IRMPD spectroscopy. Physical Chemistry Chemical Physics, 2015, 17, 25891-25904.	2.8	32
43	S-nitrosation of cysteine as evidenced by IRMPD spectroscopy. International Journal of Mass Spectrometry, 2012, 330-332, 160-167.	1.5	31
44	Kinetic control in the CID-induced elimination of H_3PO_4 from phosphorylated serine probed using IRMPD spectroscopy. Chemical Communications, 2014, 50, 3845-3848.	4.1	30
45	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
46	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
47	Infrared spectroscopy of nucleotides in the gas phase 2. The protonated cyclic $3',5'$ -adenosine monophosphate. RSC Advances, 2013, 3, 12711.	3.6	25
48	Phytochemical and biological characterization of Italian <i>œsedano bianco di Sperlonga</i> Protected Geographical Indication celery ecotype: A multimethodological approach. Food Chemistry, 2020, 309, 125649.	8.2	25
49	Gas-phase hydrogen/deuterium exchange of adenine nucleotides. Journal of Mass Spectrometry, 2003, 38, 854-861.	1.6	24
50	Protonated Heme. Chemistry - A European Journal, 2007, 13, 776-785.	3.3	24
51	IR Signature of NO Binding to a Ferrous Heme Center. Journal of Physical Chemistry Letters, 2013, 4, 2414-2417.	4.6	24
52	Brønsted-Acid Behavior of $\text{C}_6(\text{H},\text{D})_7^+$ 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
53	Positive Ion Chemistry of Elemental Fluorine. Journal of the American Chemical Society, 1997, 119, 9499-9503.	13.7	23
54	Probing the Cytochrome P450-like Reactivity of High-Valent Oxo Iron Intermediates in the Gas Phase. Inorganic Chemistry, 2005, 44, 5379-5387.	4.0	23

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55	Proton induced methyl group shifts in gaseous xylum ions. Distinguishing isomers by gas-phase titration. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1997, 160, 167-181.	1.8	22
56	Radiolytic Silylation of Alkenes and Alkynes by Gaseous R ₃ Si ⁺ Ions. Stereochemical Evidence for the β^2 -Silyl Effect. <i>Journal of the American Chemical Society</i> , 1998, 120, 1523-1527.	13.7	22
57	IR ion spectroscopy in a combined approach with MS/MS and IM-MS to discriminate epimeric anthocyanin glycosides (cyanidin 3-O-glucoside and -galactoside). <i>International Journal of Mass Spectrometry</i> , 2019, 444, 116179.	1.5	22
58	Correlation between the Antimicrobial Activity and Metabolic Profiles of Cell Free Supernatants and Membrane Vesicles Produced by <i>Lactobacillus reuteri</i> DSM 17938. <i>Microorganisms</i> , 2020, 8, 1653.	3.6	22
59	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. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 655-670.	2.6	22
60	Infrared Absorption Features of Gaseous Isopropyl Carbocations. <i>ChemPhysChem</i> , 2004, 5, 1679-1685.	2.1	21
61	Tyrosine nitration as evidenced by IRMPD spectroscopy. <i>International Journal of Mass Spectrometry</i> , 2011, 308, 209-216.	1.5	21
62	Ionic Lewis superacids in the gas phase. Part 2. Reactions of gaseous CF ₃ ⁺ with oxygen bases. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1993, 127, 123-135.	1.8	20
63	Compound I of Naked Heme (Iron Protoporphyrin IX). <i>Inorganic Chemistry</i> , 2007, 46, 9018-9020.	4.0	20
64	Probing π -Spin-Forbidden TM Oxygen-Atom Transfer: Gas-Phase Reactions of Chromium ^{VI} Porphyrin Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 4336-4343.	13.7	20
65	IRMPD spectroscopy of protonated S-nitrosocaptopril, a biologically active, synthetic amino acid. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 13455.	2.8	20
66	Vibrational Signatures of <i>S</i> -Nitrosoglutathione as Gaseous, Protonated Species. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12371-12382.	2.6	20
67	<i>S</i> -Cysteine Modified by <i>S</i> -Sulfation: Consequence on Fragmentation Processes Elucidated by Tandem Mass Spectrometry and Chemical Dynamics Simulations. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3685-3696.	2.5	20
68	Short-lived intermediates (encounter complexes) in cisplatin ligand exchange elucidated by infrared ion spectroscopy. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 7-17.	1.5	20
69	Biomimetic Oxidation Reactions of a Naked Manganese(V) ^{VI} Oxo Porphyrin Complex. <i>Chemistry - A European Journal</i> , 2011, 17, 12092-12100.	3.3	19
70	Amino Acid Oxidation: A Combined Study of Cysteine Oxo Forms by IRMPD Spectroscopy and Simulations. <i>Chemistry - A European Journal</i> , 2016, 22, 17239-17250.	3.3	19
71	Insights into Cisplatin Binding to Uracil and Thiouracils from IRMPD Spectroscopy and Tandem Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 946-960.	2.8	19
72	Gas-phase heteroaromatic substitution. 9. Silylation of simple five-membered heteroaromatic rings by trimethylsilyl cations. <i>Journal of the American Chemical Society</i> , 1990, 112, 6929-6935.	13.7	18

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73	Internal Solvation Effects on the Reactivity of .alpha.,.omega.-Diphenylalkanes toward Me ₃ C ⁺ Ions. The Journal of Physical Chemistry, 1995, 99, 3144-3149.	2.9	18
74	Gas-Phase Protonation of .alpha.,.omega.-Diphenylalkanes. The Journal of Physical Chemistry, 1995, 99, 3150-3155.	2.9	18
75	An integrated approach to study novel properties of a MALDI matrix (4-maleicanhydridoproton) Tj ETQq1 1 0.784314 rgBT /Overlock	3.7	18
76	Long-Livedipso-Silylatedp-Toluenium Ions: Evidence from a Kinetic Isotope Effect. Angewandte Chemie International Edition in English, 1994, 33, 1094-1096.	4.4	17
77	The Protonation of Gaseous Cyclopropane. Chemistry - A European Journal, 2001, 7, 2916-2921.	3.3	17
78	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
79	Undervalued N ₃ 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
80	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
81	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
82	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
83	Role of the spectator ring in the gas-phase alkylation of 1,2-diphenylethane by (CH ₃) ₂ X ⁺ (X = F, Cl) and trifluoromethyl(1 ⁺) ions. The Journal of Physical Chemistry, 1993, 97, 6197-6202.	2.9	15
84	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
85	Infrared Fingerprint of Protonated Benzene in the Gas Phase. Angewandte Chemie, 2003, 115, 2103-2105.	2.0	15
86	Aromatic Alkylation by Gaseous Me ₃ C ⁺ Ions. Kinetic Role of Deprotonation of Intermediate Arenium Ions. Journal of the American Chemical Society, 1994, 116, 5873-5879.	13.7	14
87	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
88	Structural Elucidation and Antimicrobial Characterization of Novel Diterpenoids from <i>Fabiana densa</i> var. <i>ramulosa</i>. ACS Medicinal Chemistry Letters, 2020, 11, 760-765.	2.8	14
89	Nanoemulsions of Satureja montana Essential Oil: Antimicrobial and Antibiofilm Activity against Avian Escherichia coli Strains. Pharmaceutics, 2021, 13, 134.	4.5	14
90	Design and Synthesis of Piperazine-Based Compounds Conjugated to Humanized Ferritin as Delivery System of siRNA in Cancer Cells. Bioconjugate Chemistry, 2021, 32, 1105-1116.	3.6	14

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91	The Deprotonation of Benzyl Alcohol Radical Cations: A Mechanistic Dichotomy in the Gas Phase as in Solution. <i>Chemistry - A European Journal</i> , 2002, 8, 532-537.	3.3	13
92	What Ion Is Generated When Ionizing Acetonitrile?. <i>Journal of Physical Chemistry A</i> , 2005, 109, 4425-4427.	2.5	13
93	Cyanide-arene Meisenheimer Complex Generated in Electrospray Ionization Mass Spectrometry Using Acetonitrile as a Solvent. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1603-1607.	2.8	13
94	Effects of Aromatic Fluorine Substitution on Protonated Neurotransmitters: The Case of 2-Phenylethylamine. <i>Chemistry - A European Journal</i> , 2016, 22, 8124-8136.	3.3	13
95	[Arene-Me ₃ C ⁺] non-covalent complexes in the gas-phase (trifluoro)methylation of tert-butyl-substituted diphenylalkanes. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1995, 148, 215-228.	1.8	12
96	Aromatic Silylation of (Trimethylgermyl)benzene by Gaseous Me ₃ Si ⁺ Ions via Me ₃ Ge ⁺ Displacement. <i>Organometallics</i> , 1995, 14, 2624-2626.	2.3	12
97	Gas-Phase Reactivity of Organosilane Radical Cations. An FT-ICR Study. <i>Organometallics</i> , 2000, 19, 844-848.	2.3	12
98	Protonated Sulfuric Acid: Vibrational Signatures of the Naked Ion in the Near- and Mid-IR. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 1721-1724.	4.6	12
99	Chemico-Biological Characterization of Torpedino Di Fondi Tomato Fruits: A Comparison with San Marzano Cultivar at Two Ripeness Stages. <i>Antioxidants</i> , 2020, 9, 1027.	5.1	12
100	Metabolomic Profiling of Fresh Goji (<i>Lycium barbarum</i> L.) Berries from Two Cultivars Grown in Central Italy: A Multi-Methodological Approach. <i>Molecules</i> , 2021, 26, 5412.	3.8	12
101	Ion-Molecule Reactions in Gaseous CF ₄ /CO Mixtures. Formation and Reactivity of CF ₃ CO ⁺ Ions. <i>The Journal of Physical Chemistry</i> , 1994, 98, 1641-1647.	2.9	11
102	A Gas-Phase Study of the Ionic Alkylation of Benzocycloalkenes. <i>Journal of the American Chemical Society</i> , 2000, 122, 5397-5398.	13.7	11
103	The dramatic effect of N-methylimidazole on trans axial ligand binding to ferric heme: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 1750-1760.	2.8	11
104	Metabolic profiling of different wild and cultivated <i>Allium</i> species based on high-resolution mass spectrometry, high-performance liquid chromatography-photodiode array detector, and color analysis. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4525.	1.6	11
105	Gas-phase reactions of charged electrophiles with styrene and phenylacetylene. <i>Journal of the American Chemical Society</i> , 1989, 111, 6008-6014.	13.7	10
106	Cation-π Interactions in the Gas Phase Methylation of 1,3,5-Diphenylalkanes. <i>Journal of Physical Chemistry A</i> , 2003, 107, 4619-4624.	2.5	10
107	Mid-IR Spectroscopy and Structural Features of Protonated Carbonic Acid in the Gas Phase. <i>ChemPhysChem</i> , 2009, 10, 520-522.	2.1	10
108	Halide adducts of 1,3,5-trinitrobenzene: Vibrational signatures and role of anion-π interactions. <i>International Journal of Mass Spectrometry</i> , 2013, 354-355, 62-69.	1.5	10

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109	One-Electron Oxidation of Methionine-Containing Dipeptides of Reverse Sequence: Sulfur versus Sulfoxide Characterized by IRMPD Spectroscopy and Static and Dynamics DFT Simulations. <i>Journal of Physical Chemistry B</i> , 2017, 121, 2083-2094.	2.6	10
110	Cation-π interactions in gaseous π -phenylalkyloxonium ions. <i>International Journal of Mass Spectrometry</i> , 2004, 235, 145-154.	1.5	9
111	Chemistry of protonated species in gaseous environments. <i>Journal of Physical Organic Chemistry</i> , 2004, 17, 957-966.	1.9	9
112	Heme-peptide/protein ions and phosphorous ligands: search for site-specific addition reactions. <i>Journal of Biological Inorganic Chemistry</i> , 2006, 12, 22-35.	2.6	9
113	Communication: Vibrational study of a benzyl carbanion: Deprotonated 2,4-dinitrotoluene. <i>Journal of Chemical Physics</i> , 2012, 137, 181101.	3.0	9
114	Jahn-Teller Distortion of Hydrocarbon Cations Probed by Infrared Photodissociation Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7373-7375.	13.8	9
115	IR spectroscopy of gaseous fluorocarbon ions: The perfluoroethyl anion. <i>Chemical Physics</i> , 2012, 398, 118-123.	1.9	9
116	Dioxygen Binding to Protonated Heme in the Gas Phase, an Intermediate Between Ferric and Ferrous Heme. <i>Chemistry - A European Journal</i> , 2017, 23, 13493-13500.	3.3	9
117	Structure and Reactivity of Protonated $\hat{\pm}, \hat{\pm}, \hat{\pm}$ -Trifluorotoluene in the Gas Phase. A Combined FT-ICR, Radiolytic, and ab Initio MO Study. <i>The Journal of Physical Chemistry</i> , 1996, 100, 19859-19863.	2.9	8
118	Isomeric C ₅ H ₁₁ Si ⁺ ions from the trimethylsilylation of acetylene: An experimental and theoretical study. <i>International Journal of Mass Spectrometry</i> , 2013, 334, 58-66.	1.5	8
119	Intrinsic Properties of Nitric Oxide Binding to Ferrous and Ferric Hemes. <i>Croatica Chemica Acta</i> , 2014, 87, 307-314.	0.4	8
120	Mass spectrometric analysis of selected radiolyzed amino acids in an astrochemical context. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 300, 1061-1073.	1.5	8
121	Vibrational signatures of curcumin TM s chelation in copper(II) complexes: An appraisal by IRMPD spectroscopy. <i>Journal of Chemical Physics</i> , 2019, 150, 165101.	3.0	8
122	Elusive Intermediates in the Breakdown Reactivity Patterns of Prodrug Platinum(IV) Complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 1881-1894.	2.8	8
123	¹⁸ F-labelling of thiophene and N-methylpyrrole. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1990, 28, 1109-1112.	1.0	7
124	Langlebige π -silylierte π -Tolylkationen – Belege durch einen kinetischen Isotopeneffekt. <i>Angewandte Chemie</i> , 1994, 106, 1157-1159.	2.0	7
125	Ionic Lewis superacids in the gas phase. Part 4. CF ₃ initiated ion/molecule reaction patterns in the $\hat{\pm}$ -radiolysis of CF ₄ /n-bases gaseous mixtures. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1994, 130, 207-222.	1.8	7
126	Hydride ion transfer reactions in the gas phase. Pressure dependence of reaction efficiency as a criterion for the recognition of anchimeric assistance. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 121.	2.0	7

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127	Reactions of Bare and Ligated Chromium(I) Ions with Gaseous Arenes. Role of a "Spectator" Aromatic Ring in Chelate Complex Formation. <i>Organometallics</i> , 1996, 15, 5695-5700.	2.3	7
128	The Gas-Phase Reactivity of <i>p</i> -Me ₃ Si-Substituted 1,3-Diphenylpropane Towards Charged Electrophiles: Intra- and Interannular Hydrogen Migrations. <i>Chemistry - A European Journal</i> , 1998, 4, 993-999.	3.3	7
129	Unexpected Behavior of Diastereomeric Ions in the GasPhase: A Stimulus for Pondering on <i>z</i> Measurements by ESI-MS. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 573-578.	2.8	7
130	Binding ofazole drugs to heme: A combined MS/MS and computational approach. <i>Polyhedron</i> , 2015, 90, 245-251.	2.2	7
131	Hydrogen Atom vs. Hydride Transfer in Cytochrome P450 Oxidations: A Combined Mass Spectrometry and Computational Study. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1854-1865.	2.0	7
132	From Preassociation to Chelation: A Survey of Cisplatin Interaction with Methionine at Molecular Level by IR Ion Spectroscopy and Computations. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 2206-2217.	2.8	7
133	Molecular Basis for the Remarkably Different Gas-Phase Behavior of Deprotonated Thyroid Hormones Triiodothyronine (T3) and Reverse Triiodothyronine (rT3): A Clue for Their Discrimination?. <i>Analytical Chemistry</i> , 2021, 93, 14869-14877.	6.5	7
134	Site-selectivity of protonation in gaseous toluene. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 5507.	2.8	6
135	Communication: Infrared spectroscopy of protonated allyl-trimethylsilane: Evidence for the $\hat{\nu}^2$ -silyl effect. <i>Journal of Chemical Physics</i> , 2013, 139, 071102.	3.0	6
136	Multifunctional Macrocyclic Receptors as Templates for Aromatic Amino Acids: A Rare Example of a Highly Selective Multi-Input Multi-Output Chemo-Logic Gate. <i>ChemPlusChem</i> , 2013, 78, 979-987.	2.8	6
137	Ionic Lewis superacids in the gas phase. Part 5. Competing ligand displacements in the adducts between SiF ₃ ^x (OH) ^{+x} (x = 0-3) ions and H ₂ O. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1994, 130, 143-149.	1.8	5
138	Gas phase reactivity of aromatic silanes. The reaction of Ph(CH ₂) _x SiMe ₃ (x = 0 or 1) with cationic electrophiles. <i>Journal of Organometallic Chemistry</i> , 1994, 465, 109-118.	1.8	5
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