Paul Scheier

List of Publications by Year
in descending order

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495	11,937	31976 53	62596 80
papers	citations	h-index	g-index

509	509	509	3775
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemistry and physics of dopants embedded in helium droplets. Mass Spectrometry Reviews, 2022, 41, 529-567.	5.4	15
2	Helium structures around SF₅⁺ and SF₆⁺: novel intermolecular potential and mass spectrometry experiments. Physical Chemistry Chemical Physics, 2022, 24, 2004-2014.	2.8	5
3	Energetic D+ and He+ impinging on solid beryllium: Observation of physical and chemically assisted atomic and molecular ion sputtering. Nuclear Materials and Energy, 2022, 30, 101110.	1.3	1
4	Phenanthrene: establishing lower and upper bounds to the binding energy of a very weakly bound anion. Physical Chemistry Chemical Physics, 2022, 24, 5138-5143.	2.8	1
5	Efficient Formation of Size-Selected Clusters upon Pickup of Dopants into Multiply Charged Helium Droplets. International Journal of Molecular Sciences, 2022, 23, 3613.	4.1	10
6	Stabilization of phenanthrene anions in helium nanodroplets. Physical Chemistry Chemical Physics, 2022, 24, 11662-11667.	2.8	2
7	Mass Spectra Resulting from Collision Processes. Atoms, 2022, 10, 56.	1.6	0
8	X-ray diffractive imaging of highly ionized helium nanodroplets. Physical Review Research, 2022, 4, .	3.6	12
9	Surface characterization determined from the secondary electron emission coefficient upon ion bombardment. Applied Surface Science, 2021, 538, 148042.	6.1	0
10	Phosphorus cluster cations formed in doped helium nanodroplets are different. International Journal of Mass Spectrometry, 2021, 459, 116472.	1.5	7
11	Formation of HCN+ in collisions of N+ and N2+ with a self-assembled propanethiol surface on gold. Physical Chemistry Chemical Physics, 2021, 23, 7777-7782.	2.8	0
12	Multiply Charged Helium Droplet Anions. Chemistry - A European Journal, 2021, 27, 7283-7287.	3.3	13
13	Electronic transitions in Rb2+ dimers solvated in helium. Theoretical Chemistry Accounts, 2021, 140, 1.	1.4	4
14	SF6+: Stabilizing Transient Ions in Helium Nanodroplets. Journal of Physical Chemistry Letters, 2021, 12, 4112-4117.	4.6	7
15	Submersion of rubidium clusters in helium nanodroplets. European Physical Journal D, 2021, 75, 1.	1.3	4
16	On the stability of neon cluster ions â€“ Evidence for isomeric structures. International Journal of Mass Spectrometry, 2021, 462, 116528.	1.5	2
17	Electronic Spectroscopy of Anthracene Cations and Protonated Anthracene in the Search for Carriers of Diffuse Interstellar Bands. Astrophysical Journal, 2021, 913, 136.	4.5	16
18	Ca+ Ions Solvated in Helium Clusters. Molecules, 2021, 26, 3642.	3.8	6

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19	Complexes with Atomic Gold Ions: Efficient Bis-Ligand Formation. Molecules, 2021, 26, 3484.	3.8	2
20	Adsorption of Helium on Small Cationic PAHs: Influence of Hydrocarbon Structure on the Microsolvation Pattern. Journal of Physical Chemistry A, 2021, 125, 7813-7824.	2.5	10
21	Size and Velocity Distribution of Negatively Charged Helium Nanodroplets. Journal of Physical Chemistry A, 2021, 125, 7662-7669.	2.5	6
22	Electron Ionization of Size-Selected Positively and Negatively Charged Helium Droplets. Atoms, 2021, 9, 74.	1.6	3
23	Adsorption of helium on a charged propeller molecule: hexaphenylbenzene. European Physical Journal D, 2021, 75, 1.	1.3	3
24	Splashing of Large Helium Nanodroplets upon Surface Collisions. Physical Review Letters, 2021, 127, 263401.	7.8	17
25	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:msubsup><mml:mi mathvariant="normal">C</mml:mi><mml:mrow><mml:mn>60</mml:mn></mml:mrow><mml:mo>+</mml:mo></mml:msubsup></mml as a diffuse interstellar band carrier; a spectroscopic story in 6 acts. Journal of Molecular Spectroscopy, 2020, 367, 111243.	1.4	33
26	Ablation of tungsten surfaces in collisions with Ar+, He+ and N2+ cation projectiles in the presence of D2. International Journal of Mass Spectrometry, 2020, 448, 116252.	1.5	3
27	Formation of beryllium-hydrogen ions in chemical sputtering from 20 to 420eV. Nuclear Materials and Energy, 2020, 22, 100722.	1.3	3
28	Mixed cationic clusters of nitrogen and hydrogen. Journal of Chemical Physics, 2020, 152, 014303.	3.0	1
29	Proton transfer at subkelvin temperatures. Physical Chemistry Chemical Physics, 2020, 22, 28165-28172.	2.8	14
30	Isotope enrichment in neon clusters grown in helium nanodroplets. Journal of Chemical Physics, 2020, 153, 164305.	3.0	7
31	Solvation of ions in helium. International Reviews in Physical Chemistry, 2020, 39, 465-516.	2.3	38
32	Dissociation of Valine Cluster Cations. Journal of Physical Chemistry A, 2020, 124, 8439-8445.	2.5	3
33	Ionization of large helium nanodroplets. Journal of Physics: Conference Series, 2020, 1412, 122019.	0.4	0
34	A Decade with VAMDC: Results and Ambitions. Atoms, 2020, 8, 76.	1.6	53
35	A high sensitivity, high resolution tandem mass spectrometer to research low-energy, reactive ionâ€“surface interactions. Review of Scientific Instruments, 2020, 91, 065101.	1.3	3
36	Cluster ion polymerization of serine and tryptophan, the water loss channel. European Physical Journal D, 2020, 74, 1.	1.3	9

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37	An intense source for cold cluster ions of a specific composition. Review of Scientific Instruments, 2020, 91, 033315.	1.3	38
38	Protonated and Cationic Helium Clusters. Molecules, 2020, 25, 1066.	3.8	10
39	Hydrogenated gold clusters from helium nanodroplets: displacement of H2 by H2O. European Physical Journal D, 2020, 74, 1.	1.3	3
40	Electron attachment and electron ionization of helium droplets containing clusters of C60 and formic acid. International Journal of Mass Spectrometry, 2020, 450, 116293.	1.5	3
41	Roadmap on photonic, electronic and atomic collision physics: III. Heavy particles: with zero to relativistic speeds. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 171003.	1.5	22
42	Snowball formation for Cs⁺ solvation in molecular hydrogen and deuterium. Physical Chemistry Chemical Physics, 2019, 21, 15662-15668.	2.8	12
43	Highly Charged Droplets of Superfluid Helium. Physical Review Letters, 2019, 123, 165301.	7.8	51
44	Protonated Clusters of Neon and Krypton. Journal of the American Society for Mass Spectrometry, 2019, 30, 2632-2636.	2.8	10
45	Solvation of Silver Ions in Noble Gases He, Ne, Ar, Kr, and Xe. Journal of Physical Chemistry A, 2019, 123, 10426-10436.	2.5	7
46	Atomic Gold Ions Clustered with Noble Gases: Helium, Neon, Argon, Krypton, and Xenon. Journal of Physical Chemistry A, 2019, 123, 9505-9513.	2.5	8
47	Chiral recognition via abundances of mixed chiral clusters. International Journal of Mass Spectrometry, 2019, 446, 116215.	1.5	2
48	Spectroscopy of corannulene cations in helium nanodroplets. Faraday Discussions, 2019, 217, 276-289.	3.2	17
49	Dissociative electron attachment to 2-chlorotoluene: Unusual temperature effects for the formation of Clâ¯. Chemical Physics Letters, 2019, 730, 527-530.	2.6	2
50	Hydrogenated Gold Clusters from Helium Nanodroplets: Cluster Ionization and Affinities for Protons and Hydrogen Molecules. Journal of the American Society for Mass Spectrometry, 2019, 30, 1906-1913.	2.8	10
51	Charged Clusters of C₆₀ and Au or Cu: Evidence for Stable Sizes and Specific Dissociation Channels. Journal of Physical Chemistry A, 2019, 123, 4599-4608.	2.5	5
52	A combined experimental and theoretical investigation of Cs+ ions solvated in HeN clusters. Journal of Chemical Physics, 2019, 150, 154304.	3.0	17
53	Electron Attachment and Electron Ionization of Formic Acid Clusters Embedded in Helium Nanodroplets. Journal of the American Society for Mass Spectrometry, 2019, 30, 787-795.	2.8	8
54	Considerable matrix shift in the electronic transitions of helium-solvated cesium dimer cation Cs₂He+n. Physical Chemistry Chemical Physics, 2019, 21, 25362-25368.	2.8	7

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55	Isomeric Broadening of C₆₀⁺ Electronic Excitation in Helium Droplets: Experiments Meet Theory. Journal of Physical Chemistry Letters, 2018, 9, 1237-1242.	4.6	26
56	Complexes of gold and imidazole formed in helium nanodroplets. Physical Chemistry Chemical Physics, 2018, 20, 7739-7745.	2.8	8
57	Temperature dependence of dissociative electron attachment to bromo-chlorotoluene isomers: Competition between detachment of Clâ¯ and Brâ¯. Journal of Chemical Physics, 2018, 148, 074301.	3.0	4
58	Electron-induced chemistry in imidazole clusters embedded in helium nanodroplets. European Physical Journal D, 2018, 72, 1.	1.3	5
59	Highly Stable [C₆₀AuC₆₀]^{+/â€“} Dumbbells. Journal of Physical Chemistry Letters, 2018, 9, 2703-2706.	4.6	10
60	Doubly charged coronene clustersâ€”Much smaller than previously observed. Journal of Chemical Physics, 2018, 148, 174303.	3.0	7
61	The adsorption of helium atoms on small cationic gold clusters. Physical Chemistry Chemical Physics, 2018, 20, 9554-9560.	2.8	11
62	Janus nanostructures for heterogeneous photocatalysis. Applied Physics Reviews, 2018, 5, 041111.	11.3	51
63	Formation of positive and negative clusters of gold atoms inside helium nanodroplets close to zero K. International Journal of Mass Spectrometry, 2018, 434, 136-141.	1.5	10
64	Magic sizes of cationic and protonated argon clusters. Physical Review A, 2018, 98, .	2.5	16
65	Ionization of Ammonia Nanoices with Adsorbed Methanol Molecules. Journal of Physical Chemistry A, 2018, 122, 8458-8468.	2.5	8
66	Cold physics and chemistry: Collisions, ionization and reactions inside helium nanodroplets close to zero K. Physics Reports, 2018, 751, 1-90.	25.6	113
67	Helium nanodroplets doped with copper and water. European Physical Journal D, 2018, 72, 1.	1.3	6
68	Lithium ions solvated in helium. Physical Chemistry Chemical Physics, 2018, 20, 25569-25576.	2.8	25
69	Uptake and accommodation of water clusters by adamantane clusters in helium droplets: interplay between magic number clusters. Physical Chemistry Chemical Physics, 2018, 20, 21573-21579.	2.8	9
70	Positively and Negatively Charged Cesium and (C₆₀)_mCs_n Cluster Ions. Journal of Physical Chemistry C, 2017, 121, 10817-10823.	3.1	10
71	On enhanced hydrogen adsorption on alkali (cesium) doped C60 and effects of the quantum nature of the H2 molecule on physisorption energies. International Journal of Hydrogen Energy, 2017, 42, 3078-3086.	7.1	33
72	High-Resolution Electron Attachment to the Water Dimer Embedded in Helium Droplets: Direct Observation of the Electronic Conduction Band Formation. Journal of Physical Chemistry Letters, 2017, 8, 2220-2223.	4.6	9

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73	Cs⁺ Solvated in Hydrogenâ€"Evidence for Several Distinct Solvation Shells. Journal of Physical Chemistry C, 2017, 121, 10887-10892.	3.1	11
74	Magic Numbers for Packing Adamantane in Helium Droplets: Cluster Cations, Dications, and Trications. Journal of Physical Chemistry C, 2017, 121, 10767-10772.	3.1	10
75	Low-temperature Condensation of Carbon. Astrophysical Journal, 2017, 847, 89.	4.5	20
76	The structure of coronene cluster ions inferred from H₂ uptake in the gas phase. Physical Chemistry Chemical Physics, 2017, 19, 27968-27973.	2.8	12
77	Electron ionization of helium droplets containing C₆₀ and alcohol clusters. Physical Chemistry Chemical Physics, 2017, 19, 24197-24201.	2.8	5
78	and the Diffuse Interstellar Bands: An Independent Laboratory Check. Astrophysical Journal, 2017, 846, 168.	4.5	42
79	Correlation of target properties and plasma parameters in DC magnetron sputtering with Langmuir probe measurements. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, .	2.1	3
80	Resonant electron attachment to mixed hydrogen/oxygen and deuterium/oxygen clusters. Journal of Chemical Physics, 2017, 147, 194301.	3.0	1
81	Nitrogen Cluster Anions. Journal of Physical Chemistry C, 2017, 121, 10632-10637.	3.1	7
82	The virtual atomic and molecular data centre (VAMDC) consortium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 074003.	1.5	120
83	Communication: Dopant-induced solvation of alkalis in liquid helium nanodroplets. Journal of Chemical Physics, 2016, 145, 181101.	3.0	25
84	Anionic Hydrogen Cluster Ions as a New Form of Condensed Hydrogen. Physical Review Letters, 2016, 117, 273001.	7.8	29
85	The adsorption of helium atoms on coronene cations. Journal of Chemical Physics, 2016, 145, 064305.	3.0	25
86	Building Carbon Bridges on and between Fullerenes in Helium Nanodroplets. Journal of Physical Chemistry Letters, 2016, 7, 1440-1445.	4.6	14
87	Observation of stable HO₄⁺ and DO₄⁺ ions from ionâ€"molecule reactions in helium nanodroplets. Physical Chemistry Chemical Physics, 2016, 18, 13169-13172.	2.8	5
88	Adsorption of sodium and cesium on aggregates of C60. European Physical Journal D, 2016, 70, 1.	1.3	8
89	Atomically resolved phase transition of fullerene cations solvated in helium droplets. Nature Communications, 2016, 7, 13550.	12.8	84
90	Helium anion formation inside helium droplets. European Physical Journal D, 2016, 70, 1.	1.3	5

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91	ULTRA-LOW-TEMPERATURE REACTIONS OF CARBON ATOMS WITH HYDROGEN MOLECULES. Astrophysical Journal Letters, 2016, 818, L31.	8.3	19
92	Selection of ionization paths of K2 on superfluid helium droplets by wave packet interference. Chemical Physics Letters, 2016, 658, 109-113.	2.6	1
93	Fission of multiply charged alkali clusters in helium droplets â€“ approaching the Rayleigh limit. Physical Chemistry Chemical Physics, 2016, 18, 10623-10629.	2.8	10
94	Ion formation upon electron collisions with valine embedded in helium nanodroplets. European Physical Journal D, 2016, 70, 1.	1.3	13
95	Experimental evidence for the influence of charge on the adsorption capacity of carbon dioxide on charged fullerenes. Physical Chemistry Chemical Physics, 2016, 18, 3048-3055.	2.8	19
96	Electron-Induced Chemistry of Cobalt Tricarbonyl Nitrosyl (Co(CO)₃NO) in Liquid Helium Nanodroplets. Journal of Physical Chemistry C, 2015, 119, 20917-20922.	3.1	8
97	Electron driven water formation from oxyhydrogen clusters in superfluid helium nanodroplets. Journal of Physics: Conference Series, 2015, 635, 072037.	0.4	0
98	Electron-induced chemistry of cobalt tricarbonyl nitrosyl (Co(CO)₃NO) in liquid helium nanodroplets. Journal of Physics: Conference Series, 2015, 635, 072045.	0.4	0
99	Charge dependent adsorption of carbon dioxide on fullerenes. Journal of Physics: Conference Series, 2015, 635, 072048.	0.4	2
100	High Resolution Electron Attachment to Water Clusters in Helium Droplets. Journal of Physics: Conference Series, 2015, 635, 072078.	0.4	0
101	Formation of HCN⁺ in heterogeneous surface reactions. Journal of Physics: Conference Series, 2015, 635, 032019.	0.4	0
102	Adsorption of helium on isolated C₆₀and C₇₀anions. Molecular Physics, 2015, 113, 2191-2196.	1.7	12
103	Extracting cluster distributions from mass spectra: IsotopeFit. International Journal of Mass Spectrometry, 2015, 379, 194-199.	1.5	56
104	Helium Droplets Doped with Sulfur and C₆₀. Journal of Physical Chemistry C, 2015, 119, 10919-10924.	3.1	8
105	Reactions in Nitroimidazole and Methylnitroimidazole Triggered by Low-Energy (0â€“8 eV) Electrons. Journal of Physical Chemistry A, 2015, 119, 6668-6675.	2.5	26
106	The interaction of He^{â^'} with fullerenes. Journal of Chemical Physics, 2015, 142, 104306.	3.0	14
107	Decomposition of nitroimidazole ions: experiment and theory. Physical Chemistry Chemical Physics, 2015, 17, 12598-12607.	2.8	31
108	Dissociative electron attachment to the volatile anaesthetics enflurane and isoflurane and the chlorinated ethanes pentachloroethane and hexachloroethane. International Journal of Mass Spectrometry, 2015, 379, 179-186.	1.5	5

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109	Heterogeneous reactions between ions NH3+ and NH+ and hydrocarbons adsorbed on a tungsten surface. Formation of HCN+ in NH+-surface hydrocarbon collisions. International Journal of Mass Spectrometry, 2015, 392, 139-144.	1.5	3
110	Electronâ€Ðriven Selfâ€Assembly of Salt Nanocrystals in Liquid Helium. Angewandte Chemie - International Edition, 2014, 53, 13528-13531.	13.8	12
111	Monocarbon cationic cluster yields from N2/CH4 mixtures embedded in He nanodroplets and their calculated binding energies. Journal of Chemical Physics, 2014, 140, 034316.	3.0	2
112	Dissociative electron attachment and dipolar dissociation in ethylene. International Journal of Mass Spectrometry, 2014, 365-366, 356-364.	1.5	16
113	Low-energy electron interactions with dimethyl disulphide. Chemical Physics Letters, 2014, 605-606, 71-76.	2.6	3
114	Reactions of atomic and molecular ions with acetone, 1,1,1-trifluoroacetone, and hexafluoroacetone: An investigation of the effects of molecular structure on the dynamics and kinetics of ionâ€“molecule reactions. International Journal of Mass Spectrometry, 2014, 369, 1-8.	1.5	2
115	Doubly charged CO2 clusters formed by ionization of doped helium nanodroplets. International Journal of Mass Spectrometry, 2014, 365-366, 200-205.	1.5	7
116	Low energy electron attachment to platinum(II) bromide (PtBr2). International Journal of Mass Spectrometry, 2014, 365-366, 152-156.	1.5	13
117	Electron-induced dissociation of chlorosilanes: Role of aromatic side groups in gas phase and solution chemistry. International Journal of Mass Spectrometry, 2014, 365-366, 169-176.	1.5	4
118	Formation of Dianions in Helium Nanodroplets. Angewandte Chemie - International Edition, 2014, 53, 13794-13797.	13.8	21
119	Electron ionization of the nucleobases adenine and hypoxanthine near the threshold: a combined experimental and theoretical study. Physical Chemistry Chemical Physics, 2014, 16, 25039-25053.	2.8	22
120	On the Size and Structure of Helium Snowballs Formed around Charged Atoms and Clusters of Noble Gases. Journal of Physical Chemistry A, 2014, 118, 8050-8059.	2.5	40
121	On subthreshold ionization of helium droplets, ejection of He⁺, and the role of anions. Physical Chemistry Chemical Physics, 2014, 16, 22466-22470.	2.8	16
122	Detection of Negative Charge Carriers in Superfluid Helium Droplets: The Metastable Anions He^{*â€“} and He₂^{*â€“}. Journal of Physical Chemistry Letters, 2014, 5, 2444-2449.	4.6	53
123	Bond cleavage reactions in the tripeptide trialanine upon free electron capture. European Physical Journal D, 2014, 68, 1.	1.3	4
124	Electron Attachment to CO₂ Embedded in Superfluid He Droplets. Journal of Physical Chemistry A, 2014, 118, 6553-6559.	2.5	9
125	Collisions of low-energy Ar+, N2+, and D2+ ions with room-temperature and heated surfaces of mixed berylliumâ€“tungsten thin films of different composition. International Journal of Mass Spectrometry, 2014, 365-366, 316-323.	1.5	7
126	Ordered phases of ethylene adsorbed on charged fullerenes and their aggregates. Carbon, 2014, 69, 206-220.	10.3	14

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127	Reactions in Nitroimidazole Triggered by Lowâ€Energy (0â€“2â€…eV) Electrons: Methylation at N1â€H Completely Blocks Reactivity. Angewandte Chemie - International Edition, 2014, 53, 12240-12243.	13.8	49
128	Dissociative Electron Attachment to the Nitroamine HMX (Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine). Journal of the American Society for Mass Spectrometry, 2013, 24, 744-752.	2.8	11
129	Adsorption of Polar and Nonpolar Molecules on Isolated Cationic C₆₀, C₇₀, and Their Aggregates. ChemPlusChem, 2013, 78, 910-920.	2.8	29
130	On the stability of cationic complexes of neon with helium â€“ solving an experimental discrepancy. Physical Chemistry Chemical Physics, 2013, 15, 16599.	2.8	6
131	Cationic Complexes of Hydrogen with Helium. ChemPhysChem, 2013, 14, 227-232.	2.1	28
132	Electron ionization of different large perfluoroethers embedded in ultracold helium droplets: effective freezing of shortâ€lived decomposition intermediates. Rapid Communications in Mass Spectrometry, 2013, 27, 298-304.	1.5	14
133	Evaporation of silicon nanoparticles under scanning tunneling microscope control. Chemical Physics, 2013, 425, 141-147.	1.9	0
134	Decorating (C60)n+, n=1â€“3, with CO2 at low temperatures: Sterically enhanced physisorption. International Journal of Mass Spectrometry, 2013, 354-355, 271-274.	1.5	6
135	Collisions of low-energy ions Ar+ and N2+ with room-temperature and heated surfaces of tungsten, beryllium, and a mixed berylliumâ€“tungsten thin film. International Journal of Mass Spectrometry, 2013, 354-355, 78-86.	1.5	10
136	Electron impact excitation of methane: determination of appearance energies for dissociation products. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 045203.	1.5	21
137	Electron attachment to the dipeptide dialanine: influence of methylation on site selective dissociation reactions. Physical Chemistry Chemical Physics, 2013, 15, 3834.	2.8	12
138	N-site de-methylation in pyrimidine bases as studied by low energy electrons and ab initio calculations. Physical Chemistry Chemical Physics, 2013, 15, 11431.	2.8	23
139	Electron-driven ionization of large methanol clusters in helium nanodroplets. Physical Chemistry Chemical Physics, 2013, 15, 3577.	2.8	13
140	Formation of HCN⁺ in Heterogeneous Reactions of N₂⁺ and N⁺ with Surface Hydrocarbons. Journal of Physical Chemistry A, 2013, 117, 9653-9660.	2.5	10
141	NCO^{â€“}, a Key Fragment Upon Dissociative Electron Attachment and Electron Transfer to Pyrimidine Bases: Site Selectivity for a Slow Decay Process. Journal of the American Society for Mass Spectrometry, 2013, 24, 1787-1797.	2.8	53
142	Methane Adsorption on Aggregates of Fullerenes: Siteâ€Selective Storage Capacities and Adsorption Energies. ChemSusChem, 2013, 6, 1235-1244.	6.8	21
143	Adsorption of hydrogen on neutral and charged fullerene: Experiment and theory. Journal of Chemical Physics, 2013, 138, 074311.	3.0	56
144	Energy harvesting in doped helium nano-droplets. Journal of Physics: Conference Series, 2012, 388, 132003.	0.4	0

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145	Submersion of potassium clusters in helium nanodroplets. Physical Review B, 2012, 85, .	3.2	34
146	Loss of hydrogen from amino acids upon low-energy electrons attachment. Journal of Physics: Conference Series, 2012, 388, 052084.	0.4	0
147	Hydrogen loss in aminobutanoic acid isomers by theÏƒ* resonance formed in electron capture. New Journal of Physics, 2012, 14, 043017.	2.9	22
148	Electron ionization of superfluid helium nanodroplets doped with C60and small molecules. Journal of Physics: Conference Series, 2012, 388, 012044.	0.4	3
149	Spatiotemporal evolution of reaction fronts trigger by tunneling electrons. Journal of Physics: Conference Series, 2012, 388, 052070.	0.4	0
150	Electron impact on N2/CH4 mixtures in He dropletsâ€"probing chemistry in Titan's atmosphere. RSC Advances, 2012, 2, 10492.	3.6	4
151	Methane Adsorption on Graphitic Nanostructures: Every Molecule Counts. Journal of Physical Chemistry Letters, 2012, 3, 2598-2603.	4.6	24
152	The Role of Secondary Electrons in Radiation Damage. Biological and Medical Physics Series, 2012, , 45-58.	0.4	7
153	Structures, Energetics, and Dynamics of Helium Adsorbed on Isolated Fullerene Ions. Physical Review Letters, 2012, 108, 076101.	7.8	68
154	Dissociative electron attachment to the explosive detection taggant 2,3-dimethyl-2,3-dinitrobutane (DMNB). European Physical Journal D, 2012, 66, 1.	1.3	1
155	Formation and Decay of the Dehydrogenated Parent Anion upon Electron Attachment to Dialanine. Chemistry - A European Journal, 2012, 18, 4613-4619.	3.3	9
156	Solvation of Na⁺, K⁺, and Their Dimers in Helium. Chemistry - A European Journal, 2012, 18, 4411-4418.	3.3	50
157	Semtex 1A and H negative ion resonances for explosivesâ€™ detection. International Journal of Mass Spectrometry, 2012, 309, 39-43.	1.5	4
158	Ionization of Methane Clusters in Helium Nanodroplets. ChemPhysChem, 2012, 13, 469-476.	2.1	25
159	Ionâ€"molecule reactions of ammonia clusters with C₆₀aggregates embedded in helium droplets. Physical Chemistry Chemical Physics, 2011, 13, 1092-1098.	2.8	23
160	Dissociative electron attachment to gas-phase formamide. Physical Chemistry Chemical Physics, 2011, 13, 12305.	2.8	28
161	Bond dissociation of the dipeptide dialanine and its derivative alanine anhydride induced by low energy electrons. Journal of Chemical Physics, 2011, 134, 054305.	3.0	27
162	ON THE POSSIBLE PRESENCE OF WEAKLY BOUND FULLERENE-H ₂ COMPLEXES IN THE INTERSTELLAR MEDIUM. Astrophysical Journal Letters, 2011, 738, L4.	8.3	32

#	Article	IF	Citations
163	The submersion of sodium clusters in helium nanodroplets: Identification of the surface â†' interior transition. Journal of Chemical Physics, 2011, 135, 044309.	3.0	83
164	Interaction of small hydrocarbon ions and Ar+ with carbon-fibre-composite surfaces at room temperature. International Journal of Mass Spectrometry, 2011, 306, 204-209.	1.5	10
165	Strong fragmentation processes driven by low energy electron attachment to various small perfluoroether molecules. International Journal of Mass Spectrometry, 2011, 306, 63-69.	1.5	7
166	High-resolution mass spectrometric study of pure helium droplets, and droplets doped with krypton. European Physical Journal D, 2011, 63, 209-214.	1.3	65
167	Dissociative Electron Attachment to Î²â€Alanine. ChemPhysChem, 2011, 12, 1272-1279.	2.1	13
168	Dissociative electron attachment to triflates. Journal of Chemical Physics, 2011, 135, 214309.	3.0	6
169	Electron interaction with nitromethane embedded in helium droplets: Attachment and ionization measurements. Journal of Chemical Physics, 2011, 135, 174504.	3.0	11
170	A detailed study on the decomposition pathways of the amino acid valine upon dissociative electron attachment. European Physical Journal D, 2010, 60, 37-44.	1.3	22
171	Desorption of small ionic fragments from oligonucleotides induced by low energy carbon ions. European Physical Journal D, 2010, 60, 59-63.	1.3	3
172	Formation of the Magic <scp>L</scp>â€Serine Octamer in Helium Nanodroplets. ChemPhysChem, 2010, 11, 90-92.	2.1	17
173	Very Low Energy Electrons Transform the Cyclobutaneâ€Pyrimidine Dimer into a Highly Reactive Intermediate. ChemPhysChem, 2010, 11, 561-564.	2.1	3
174	Electron attachment to 2-nitro-m-xylene. International Journal of Mass Spectrometry, 2010, 289, 128-137.	1.5	4
175	Temperature dependence of dissociative electron attachment to 1-bromo-2-chlorobenzene and 1-bromo-3-chlorobenzene. International Journal of Mass Spectrometry, 2010, 293, 51-55.	1.5	11
176	The influence of the surface state onto the distance distribution of single molecules and small molecular clusters. Surface Science, 2010, 604, 1698-1704.	1.9	19
177	Unexpected electrons. Nature Physics, 2010, 6, 82-83.	16.7	9
178	Cavity-hollow cathode-sputtering source for titanium films. Journal of Plasma Physics, 2010, 76, 655-664.	2.1	6
179	Dissociative electron attachment to pentaerythritol tetranitrate: Significant fragmentation near 0 eV. Journal of Chemical Physics, 2010, 132, 134305.	3.0	9
180	Sequential Penning Ionization: Harvesting Energy with Ions. Physical Review Letters, 2010, 105, 243402.	7.8	32

#	Article	IF	Citations
181	Electron attachment to amino acid clusters in helium nanodroplets: Glycine, alanine, and serine. Journal of Chemical Physics, 2010, 132, 214306.	3.0	29
182	Ionization of doped helium nanodroplets: Complexes of C60 with water clusters. Journal of Chemical Physics, 2010, 132, 234307.	3.0	28
183	Low energy (0â€“4 eV) electron impact to N2O clusters: Dissociative electron attachment, ion-molecule reactions, and vibrational Feshbach resonances. Journal of Chemical Physics, 2010, 133, 154512.	3.0	5
184	Electron Attachment to Formamide Clusters in Helium Nanodroplets. Journal of Physical Chemistry A, 2010, 114, 1633-1638.	2.5	20
185	Metastable anions of dinitrobenzene: Resonances for electron attachment and kinetic energy release. Journal of Chemical Physics, 2010, 133, 244302.	3.0	15
186	High resolution electron attachment to CO2 clusters. Physical Chemistry Chemical Physics, 2010, 12, 5219.	2.8	23
187	Temperature Effects on the Dissociative Electron Attachment to Dichlorobenzene Isomers. Journal of Physical Chemistry A, 2009, 113, 14923-14929.	2.5	9
188	Investigations Of Electron Attachment To Nitro-Compounds Towards Explosives. , 2009, , .		0
189	Probing royal demolition explosive (1,3,5-trinitro-1,3,5-triazocyclohexane) by low-energy electrons: Strong dissociative electron attachment near 0 eV. Journal of Chemical Physics, 2009, 131, 144304.	3.0	15
190	Experimental Evidence for the Existence of an Electronically Excited State of the Proposed Dihydrogen Radical Cation Heâ€Hâ€Hâ€He⁺. Chemistry - A European Journal, 2009, 15, 4190-4194.	3.3	9
191	On the Size of Ions Solvated in Helium Clusters. Chemistry - A European Journal, 2009, 15, 7101-7108.	3.3	33
192	Ionâ€“Molecule Reactions in Helium Nanodroplets Doped with C₆₀ and Water Clusters. Angewandte Chemie - International Edition, 2009, 48, 8940-8943.	13.8	43
193	Reflection properties of small hydrocarbons impinging on tungsten and carbon surfaces. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 700-703.	1.4	1
194	Electron impact ionization of CCl4 and SF6 embedded in superfluid helium droplets. International Journal of Mass Spectrometry, 2009, 280, 26-31.	1.5	16
195	Absolute partial cross sections and kinetic energy analysis for the electron impact ionization of ethylene. International Journal of Mass Spectrometry, 2009, 280, 65-71.	1.5	13
196	Oxidation study of silicon nanoparticle thin films on HOPG. Surface Science, 2009, 603, 2999-3004.	1.9	11
197	Surface-induced dissociation and chemical reactions of C₂D₄⁺ on stainless steel, carbon (HOPG), and two different diamond surfaces. Journal of the American Society for Mass Spectrometry, 2009, 20, 927-938.	2.8	6
198	Electron impact ionization studies with the amino acid valine in the gas phase and (hydrated) in helium droplets. European Physical Journal D, 2009, 51, 73-79.	1.3	39

#	Article	IF	Citations
199	Electron attachment to doped helium droplets: C60 -, (C60)2 -, and C60D2O- anions. European Physical Journal D, 2009, 52, 91-94.	1.3	9
200	Electron attachment to trinitrotoluene (TNT) embedded in He droplets: complete freezing of dissociation intermediates in an extended range of electron energies. Physical Chemistry Chemical Physics, 2009, 11, 8240.	2.8	30
201	Electron attachment and electron ionization of acetic acid clusters embedded in helium nanodroplets. Physical Chemistry Chemical Physics, 2009, 11, 11631.	2.8	28
202	Argon clusters embedded in helium nanodroplets. Physical Chemistry Chemical Physics, 2009, 11, 9791.	2.8	29
203	Formation of pyrimidine dimer radical anions in the gas phase. Chemical Communications, 2009, , 7291.	4.1	2
204	Detailed dissociative electron attachment studies on the amino acid proline. International Journal of Mass Spectrometry, 2008, 277, 274-278.	1.5	27
205	Metastable Dissociation of Anions Formed by Electron Attachment. ChemPhysChem, 2008, 9, 607-611.	2.1	20
206	Dissociative Electron Attachment to DNA Bases Near Absolute Zero Temperature: Freezing Dissociation Intermediates. ChemPhysChem, 2008, 9, 1387-1389.	2.1	45
207	Relative partial cross sections for anions formed upon electron attachment to nitrotoluene. International Journal of Mass Spectrometry, 2008, 271, 36-44.	1.5	4
208	Dissociative electron attachment to nitromethane. International Journal of Mass Spectrometry, 2008, 271, 15-21.	1.5	29
209	Absolute partial cross-sections for the destruction of H2 and H3+ in collisions with helium atoms at 50 and 60keV/amu. International Journal of Mass Spectrometry, 2008, 272, 48-56.	1.5	7
210	Probing trinitrotoluene (TNT) by low-energy electrons: Strong fragmentation following attachment of electrons near 0eV. International Journal of Mass Spectrometry, 2008, 272, 149-153.	1.5	39
211	Low-energy electron attachment to chloroform (CHCl3) molecules: A joint experimental and theoretical study. International Journal of Mass Spectrometry, 2008, 277, 130-141.	1.5	22
212	Isotope effects in dissociative electron attachment to the DNA base thymine. International Journal of Mass Spectrometry, 2008, 277, 296-299.	1.5	25
213	Electron attachment studies to musk ketone and high mass resolution anionic isobaric fragment detection. International Journal of Mass Spectrometry, 2008, 277, 123-129.	1.5	11
214	Negative ion formation by low energy electron attachment to gas-phase 5-nitrouracil. International Journal of Mass Spectrometry, 2008, 277, 291-295.	1.5	15
215	Charge exchange, surface-induced dissociation and reactions of doubly charged molecular ions SF42+ upon impact on a stainless steel surface: A comparison with surface-induced dissociation of singly charged SF4+ molecular ions. International Journal of Mass Spectrometry, 2008, 276, 37-42.	1.5	8
216	Ultracold Water Cluster Anions. Journal of the American Chemical Society, 2008, 130, 5573-5578.	13.7	55

#	Article	IF	Citations
217	Investigations of electron attachment to the perfluorocarbon molecules c-C4F8, 2-C4F8, 1,3 C4F6, and c-C5F8. International Journal of Mass Spectrometry, 2008, 277, 41-51.	1.5	13
218	CALCULATION OF PROCESSES RELEVANT TO REACTIONS BETWEEN NUCLEIC ACIDS AND FREE ELECTRONS. Chemical Engineering Communications, 2008, 195, 1371-1381.	2.6	1
219	Fragmentation of metastable SF6â^'â^— ions with microsecond lifetimes in competition with autodetachment. Journal of Chemical Physics, 2008, 128, 104304.	3.0	22
220	Formation of even-numbered hydrogen cluster cations in ultracold helium droplets. Journal of Chemical Physics, 2008, 129, 224306.	3.0	28
221	Site selective cleavage of purine derivatives by capture of low energy electrons. Physica Scripta, 2008, 78, 058101.	2.5	2
222	Inelastic Electron Interaction with Chloroform Clusters embedded in Helium Droplets. Journal of the American Chemical Society, 2008, 130, 5065-5071.	13.7	34
223	Dissociative electron attachment to HBr: A temperature effect. Physical Review A, 2007, 75, .	2.5	9
224	Electron Impact Ionization/Dissociation of Molecules: Production of Energetic Radical Ions and Anions. Journal of Physics: Conference Series, 2007, 86, 012003.	0.4	5
225	Dissociative Electron Attachment to Thymine: Bond and Site Selectivity in Different Molecular Environments. AIP Conference Proceedings, 2007, , .	0.4	2
226	Dissociative electron attachment to nitroaromatic compounds â€“ resonances as fingerprints for isomers. Journal of Physics: Conference Series, 2007, 88, 012075.	0.4	2
227	Dissociative electron attachment to gas phase glycine: Exploring the decomposition pathways by mass separation of isobaric fragment anions. Physical Chemistry Chemical Physics, 2007, 9, 5680.	2.8	44
228	Identification of Isomers of Nitrotoluene via Free Electron Attachment. Analytical Chemistry, 2007, 79, 6585-6591.	6.5	19
229	Multiply Charged Neon Clusters: Failure of the Liquid Drop Model?. Physical Review Letters, 2007, 98, 023401.	7.8	30
230	Influence of Functional Groups on the Site-Selective Dissociation of Adenine upon Low-Energy Electron Attachment. Angewandte Chemie - International Edition, 2007, 46, 5238-5241.	13.8	60
231	Combined Experimental and Theoretical Study on the Nature and the Metastable Decay Pathways of the Amino Acid Ion Fragment [Mâ^'H]^{â^'}. Angewandte Chemie - International Edition, 2007, 46, 8057-8059.	13.8	47
232	Metastable C3H52+ produced by electron impact of propane. Vacuum, 2007, 81, 1129-1132.	3.5	2
233	Low-energy electron interaction with nitrobenzene: C6H5NO2. Vacuum, 2007, 81, 1180-1183.	3.5	19
234	On the role of the II(1/2g) state in spontaneous dissociation of krypton and xenon dimer ions. Chemical Physics Letters, 2007, 437, 183-188.	2.6	11

#	Article	IF	Citations
235	Sticking coefficient and SIMS of hydrocarbons on fusion relevant plasma-sprayed tungsten surfaces. Nuclear Instruments & Methods in Physics Research B, 2007, 258, 278-281.	1.4	4
236	Electron impact ionization of thymine clusters embedded in superfluid helium droplets. European Physical Journal D, 2007, 43, 117-120.	1.3	21
237	Isotope effects in the metastable decay of Ne2 +. European Physical Journal D, 2007, 43, 77-80.	1.3	6
238	Dissociative electron attachment to ozone at very low energies revisited. International Journal of Mass Spectrometry, 2007, 260, 85-87.	1.5	11
239	Vacuum-UV and electron dissociative ionisation studies of SF5Cl. International Journal of Mass Spectrometry, 2007, 261, 208-217.	1.5	10
240	Free electron attachment to the chloromethane CHCl3. International Journal of Mass Spectrometry, 2007, 265, 139-145.	1.5	8
241	Surface-induced dissociation and reactions of cations and dications C7H8+/2+, C7H7+/2+ and C7H62+: Dependence of mass spectra of product ions on incident energy of the projectiles. International Journal of Mass Spectrometry, 2007, 265, 337-346.	1.5	10
242	Probing di-nitrobenzene by low energy electrons. International Journal of Mass Spectrometry, 2007, 266, 138-148.	1.5	28
243	Comparative Process Analysis of Fullerene Production by the Arc and the Radio-Frequency Discharge Methods. Journal of Nanoscience and Nanotechnology, 2007, 7, 1357-1369.	0.9	16
244	High resolution dissociative electron attachment to gas phase adenine. Journal of Chemical Physics, 2006, 125, 084304.	3.0	110
245	Fragmentation of transient water anions following low-energy electron capture by H2O/D2O. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 3935-3944.	1.5	69
246	Mass Spectrometric Investigation of Anions Formed upon Free Electron Attachment to Nucleobase Molecules and Clusters Embedded in Superfluid Helium Droplets. Physical Review Letters, 2006, 97, 043201.	7.8	94
247	Dissociative electron attachment to furan, tetrahydrofuran, and fructose. Journal of Chemical Physics, 2006, 125, 044304.	3.0	129
248	Electron-impact ionization of helium clusters close to the threshold: Appearance energies. Journal of Chemical Physics, 2006, 124, 054320.	3.0	44
249	Vibrational Feshbach resonances in uracil and thymine. Journal of Chemical Physics, 2006, 124, 124310.	3.0	166
250	Electron Attachment to Higher Fullerenes and to Sc3N@C80â€. Journal of Physical Chemistry A, 2006, 110, 8451-8456.	2.5	28
251	Absolute partial cross sections and kinetic energy analysis for the electron impact ionization of propene. International Journal of Mass Spectrometry, 2006, 253, 122-129.	1.5	6
252	Appearance energies of singly, doubly, and triply charged coronene and corannulene ions produced by electron impact. International Journal of Mass Spectrometry, 2006, 249-250, 353-358.	1.5	26

#	Article	IF	Citations
253	Single, double and triple ionization of tetraphenyl iron(III) porphyrin chloride. International Journal of Mass Spectrometry, 2006, 255-256, 232-238.	1.5	15
254	Metastable dissociation and kinetic energy release of helium clusters upon electron impact ionization. International Journal of Mass Spectrometry, 2006, 252, 166-172.	1.5	15
255	Effects of Precursors and Plasma Parameters on Fullerene Synthesis in RF Thermal Plasma Reactor. Plasma Chemistry and Plasma Processing, 2006, 26, 597-608.	2.4	28
256	The stability of singly and multiply charged La@C80 and La@C82 ions determined from kinetic energy release measurements. International Journal of Mass Spectrometry, 2006, 249-250, 396-402.	1.5	4
257	High resolution studies of low-energy electron attachment to SF5Cl: Product anions and absolute cross sections. International Journal of Mass Spectrometry, 2006, 252, 234-241.	1.5	14
258	Electron impact ionization of alanine: Appearance energies of the ions. International Journal of Mass Spectrometry, 2006, 252, 228-233.	1.5	21
259	Decomposition of Thymidine by Low-Energy Electrons: Implications for the Molecular Mechanisms of Single-Strand Breaks in DNA. Angewandte Chemie - International Edition, 2006, 45, 1893-1896.	13.8	130
260	Electron attachment to POCl3: Measurement and theoretical analysis of rate constants and branching ratios as a function of gas pressure and temperature, electron temperature, and electron energy. Journal of Chemical Physics, 2006, 124, 124322.	3.0	17
261	Cross sections and ion kinetic energy analysis for the electron impact ionization of acetylene. Journal of Chemical Physics, 2006, 124, 214307.	3.0	22
262	RF thermal plasma processing of fullerenes. Journal Physics D: Applied Physics, 2006, 39, 320-326.	2.8	9
263	Electron impact ionization of glycolaldehyde. International Journal of Mass Spectrometry, 2005, 243, 171-176.	1.5	14
264	Surface collisions of formic acid cations HCOOH+ and DCOOD+ with a hydrocarbon-covered stainless steel surface. International Journal of Mass Spectrometry, 2005, 244, 164-170.	1.5	4
265	Coulomb explosion of ions produced by electron impact ionization of toluene. Vacuum, 2005, 78, 187-191.	3.5	5
266	Generation of (Mâ€“H)â^' ions by dissociative electron attachment to simple organic acids M. Vacuum, 2005, 78, 631-634.	3.5	27
267	Electron attachment to monomeric and dimeric forms of glycolaldehyde. Chemical Physics Letters, 2005, 401, 227-231.	2.6	7
268	Electron impact ionization of C3H8: appearance energies and temperature effects. Chemical Physics Letters, 2005, 402, 80-87.	2.6	15
269	Dissociative electron attachment to gas phase alanine. Chemical Physics Letters, 2005, 403, 107-112.	2.6	72
270	Metastable fractions and dissociations energies for fullerene ions <mml:math altimg="si17.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	2.6	18

#	Article	IF	Citations
271	Dissociative ionization of the nucleosides thymidine and uridine by electron impact. Chemical Physics Letters, 2005, 409, 270-276.	2.6	44
272	Metastable dissociation of doubly charged ions produced from toluene: Kinetic energy release upon charge separation and H2 elimination. Chemical Physics Letters, 2005, 411, 366-372.	2.6	10
273	Positive and negative ion formation via slow electron collisions with 5-bromouridine. European Physical Journal D, 2005, 35, 391-398.	1.3	29
274	Bond-Selective Hâ^'Ion Abstraction from Thymine. Angewandte Chemie - International Edition, 2005, 44, 1647-1650.	13.8	99
275	Bond- and Site-Selective Loss of H Atoms from Nucleobases by Very-Low-Energy Electrons (<3 eV). Angewandte Chemie - International Edition, 2005, 44, 6941-6943.	13.8	193
276	A detailed comparison of calculated and measured electron-impact ionization cross sections of atoms using the Deutschâ€"MÃrk (DM) formalism. International Journal of Mass Spectrometry, 2005, 243, 215-221.	1.5	21
277	Bond selective dissociative electron attachment to thymine. Journal of Chemical Physics, 2005, 123, 124302.	3.0	86
278	Bond- and Site-Selective Loss ofHâ^'from Pyrimidine Bases. Physical Review Letters, 2005, 95, 093201.	7.8	148
279	Ne2+[II (1/2)u]: radiative decay and electronic predissociation. Physical Chemistry Chemical Physics, 2005, 7, 1043-1048.	2.8	9
280	Ionization energies of argon clusters: A combined experimental and theoretical study. Journal of Chemical Physics, 2005, 123, 084313.	3.0	16
281	Partial and Differential Electron Impact Ionization Cross-Sections for Small Hydrocarbon Molecules. Springer Series in Chemical Physics, 2005, , 437-456.	0.2	1
282	Free-electron attachment to coronene and corannulene in the gas phase. Journal of Chemical Physics, 2005, 123, 104308.	3.0	52
283	Energetics, kinetics and dynamics of decaying metastable ions studied with a high-resolution three-sector field mass spectrometer. Plasma Sources Science and Technology, 2005, 14, S26-S30.	3.1	4
284	High resolution electron interaction studies with atoms, molecules, biomolecules and clusters. , 2005, , 149-177.		0
285	Appearance energies of hydrogen and deuterium cluster ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, 4167-4175.	1.5	6
286	The anomalous shape of the cross section for the formation of SF3+ fragment ions produced by electron impact on SF6 revisited. Journal of Chemical Physics, 2004, 120, 11465-11468.	3.0	7
287	Electron attachment to gas-phase uracil. Journal of Chemical Physics, 2004, 120, 6557-6565.	3.0	102
288	Gobetet al.Reply. Physical Review Letters, 2004, 93, .	7.8	1

#	Article	IF	Citations
289	High-resolution kinetic energy release distributions and dissociation energies for fullerene ions Cn+, 42â©½nâ©½90. Journal of Chemical Physics, 2004, 121, 2137-2143.	3.0	56
290	Electron attachment to chlorouracil: A comparison between 6-ClU and 5-ClU. Journal of Chemical Physics, 2004, 120, 704-709.	3.0	27
291	High resolution measurements of kinetic energy release distributions of neon, argon, and krypton cluster ions using a three sector field mass spectrometer. Journal of Chemical Physics, 2004, 120, 2686-2692.	3.0	25
292	Dissociative electron impact ionization of N2O5. International Journal of Mass Spectrometry, 2004, 232, 147-150.	1.5	11
293	Revised high energy behavior of the Deutsch-MÃrk (DM) formula for the calculation of electron impact ionization cross sections of atoms. International Journal of Mass Spectrometry, 2004, 233, 13-17.	1.5	44
294	Electron impact ionization of 5- and 6-chlorouracil: appearance energies. International Journal of Mass Spectrometry, 2004, 232, 99-105.	1.5	27
295	Calculations of electron-impact cross sections for the fragmentation and dissociative ionization of fullerenes using a semi-empirical method. International Journal of Mass Spectrometry, 2004, 233, 293-298.	1.5	5
296	Discrimination effects for ions with initial kinetic energy produced by electron ionization of C2H2 in a Nier-type ion source. International Journal of Mass Spectrometry, 2004, 233, 325-333.	1.5	16
297	Threshold electron impact ionization studies of uracil. International Journal of Mass Spectrometry, 2004, 238, 47-53.	1.5	58
298	On the kinetic energy release distribution for C2 evaporation from fullerene ions. Chemical Physics Letters, 2004, 385, 449-455.	2.6	26
299	Fragmentation of propanoic acid by subexcitation electrons. Chemical Physics Letters, 2004, 392, 465-469.	2.6	24
300	Mechanisms and dynamics of the metastable decay in Ar2+. Journal of Chemical Physics, 2004, 121, 7253-7258.	3.0	12
301	Dissociative electron attachment to dinitrogen pentoxide, N2O5. Journal of Chemical Physics, 2004, 121, 9891-9897.	3.0	3
302	Inelastic electron interaction (attachment/ionization) with deoxyribose. Journal of Chemical Physics, 2004, 120, 8505-8511.	3.0	193
303	Ionization of water by (20â€“150)-keV protons: Separation of direct-ionization and electron-capture processes. Physical Review A, 2004, 70, .	2.5	74
304	On the Stabilization of Fullerenes by Caged Atoms:Â Singly and Multiply Charged Sc3N@C78and Sc3N@C80Ions. Journal of Physical Chemistry A, 2004, 108, 6990-6995.	2.5	27
305	Surface-Induced Dissociation of Polyatomic Hydrocarbon Projectile Ions with Different Initial Internal Energy Content. Journal of Physical Chemistry A, 2004, 108, 1-8.	2.5	17
306	Partial cross sections for positive and negative ion formation following electron impact on uracil. Journal of Physics B: Atomic, Molecular and Optical Physics, 2004, 37, 3013-3020.	1.5	57

#	Article	IF	Citations
307	Electron Attachment to the Gas-Phase DNA Bases Cytosine and Thymine. Journal of Physical Chemistry A, 2004, 108, 6562-6569.	2.5	191
308	Electron Attachment to Uracil, Thymine and Cytosine. Physica Scripta, 2004, 110, 252.	2.5	16
309	Energetics and dynamics of decaying cluster ions. European Physical Journal D, 2003, 24, 131-136.	1.3	3
310	Scanning tunneling lithography of silicon nanoparticle films. European Physical Journal D, 2003, 24, 347-349.	1.3	2
311	Dissociative electron attachment to gas-phase glycine. Analytical and Bioanalytical Chemistry, 2003, 377, 1115-1119.	3.7	64
312	Charge exchange and surface-induced dissociation of doubly charged molecular ions C 6 H 5 2+ , C 6 H 6 2+ and C 7 H 8 2+ upon impact on a stainless steel surface. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 714-718.	1.4	6
313	Collision induced cluster fragmentation: From fragment size distributions to the caloric curve. Nuclear Instruments & Methods in Physics Research B, 2003, 209, 9-18.	1.4	2
314	High resolution multiple electron impact ionisation of He, Ne, Ar, Kr and Xe atoms close to threshold: Appearance energies and Wannier exponents. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 413-416.	1.4	2
315	Investigation of fullerene ions in crossed-beams experiments. Nuclear Instruments & Methods in Physics Research B, 2003, 212, 67-71.	1.4	4
316	Low energy electron attachment to CH3CN. Chemical Physics Letters, 2003, 381, 216-222.	2.6	43
317	Calculated cross-sections for the electron-impact detachment from negative ions using the Deutschâ€“MÃrk (DM) formalism. Chemical Physics Letters, 2003, 382, 26-31.	2.6	21
318	Dissociative electron attachment to CHF2Cl. Chemical Physics Letters, 2003, 371, 231-237.	2.6	5
319	Surface induced dissociation of HD2+ â€“ a non-statistical behavior in the H+ and D+ fragmentation channels. Chemical Physics Letters, 2003, 372, 166-172.	2.6	5
320	The role of internal energy of polyatomic projectile ions in surface-induced dissociation. Chemical Physics Letters, 2003, 376, 539-547.	2.6	10
321	Electron attachment to the DNA bases thymine and cytosine. Chemical Physics Letters, 2003, 377, 74-80.	2.6	151
322	Dissociative electron attachment to acetic acid (CH3COOH). Chemical Physics Letters, 2003, 378, 250-256.	2.6	64
323	Electron emission and molecular fragmentation during hydrogen and deuterium ion impact on carbon surfaces. Journal of Nuclear Materials, 2003, 313-316, 670-674.	2.7	4
324	Electron attachment to simple organic acids. Vacuum, 2003, 70, 429-433.	3.5	32

#	Article	IF	Citations
325	Ion surface collisions of CH3+, CH4+, CH5+ and CD4+. Radiation Physics and Chemistry, 2003, 68, 257-261.	2.8	5
326	A semi-empirical concept for the calculation of electron-impact ionization cross-sections of neutral and ionized fullerenes. International Journal of Mass Spectrometry, 2003, 223-224, 1-8.	1.5	5
327	Edge plasma-relevant ionâ€“surface collision processes. International Journal of Mass Spectrometry, 2003, 223-224, 21-36.	1.5	16
328	Ion optics evaluation of the plasma ion mass spectrometer (PIMS) designed for the JET tokamak. International Journal of Mass Spectrometry, 2003, 223-224, 45-53.	1.5	3
329	Calculations of partial electron-impact cross sections for the multiple ionization of fullerenes using a semi-empirical method. International Journal of Mass Spectrometry, 2003, 223-224, 253-261.	1.5	5
330	Calculated absolute cross section for the electron-impact ionisation of simple molecular ions. International Journal of Mass Spectrometry, 2003, 223-224, 639-646.	1.5	13
331	A semi-empirical method for the calculation of cross sections for the electron-impact ionization of negatively charged fullerenes. International Journal of Mass Spectrometry, 2003, 223-224, 703-711.	1.5	4
332	Time-resolved kinetic energy releases in propane. International Journal of Mass Spectrometry, 2003, 222, 213-219.	1.5	24
333	Cross sections and ion kinetic energies for electron impact ionization of CH4. International Journal of Mass Spectrometry, 2003, 228, 307-320.	1.5	40
334	Electron Attachment to Uracil: Effective Destruction at Subexcitation Energies. Physical Review Letters, 2003, 90, 188104.	7.8	311
335	Probing Electronic States ofNe2â€‰â€‰+andAr2â€‰â€‰+by Measuring Kinetic-Energy-Release Distributions. Physical Review Letters, 2003, 91, 133401.	7.8	25
336	Kinetic-energy release in Coulomb explosion of metastable C3H52+. Journal of Chemical Physics, 2003, 118, 3090-3095.	3.0	29
337	Electron attachment to 5-chloro uracil. Journal of Chemical Physics, 2003, 118, 4107-4114.	3.0	62
338	Electron attachment to C[sub 2]Cl[sub 4] and Trojan horse ionization. Journal of Chemical Physics, 2003, 118, 7394.	3.0	28
339	Films of silicon nanoparticles grown by gas aggregation. Journal of Applied Physics, 2003, 94, 6069-6075.	2.5	7
340	Electron impact ionization of CHF2Cl: Unusual ordering of ionization energies for parent and fragment ions. Journal of Chemical Physics, 2003, 119, 11704-11711.	3.0	15
341	Dissociative electron attachment to nitroethane: C2H5NO2. Journal of Chemical Physics, 2003, 119, 7887-7892.	3.0	17
342	Surface-induced reactions and dissociations of small acetone, acetonitrile and ethanol cluster ions: competitive chemical reactions, dissociation mechanisms and determination of dissociation energy. New Journal of Physics, 2003, 5, 9-9.	2.9	9

#	Article	IF	Citations
343	Reactive Interactions of Hydrogen Molecular Ions H2+, D2+, H3+, D3+ and HD+ with Carbon Tiles from TORE SUPRA. Physica Scripta, 2003, T103, 29.	2.5	14
344	Investigation of fullerenes in crossed-beams experiments. , 2003, , .		0
345	Direct Experimental Evidence for a Negative Heat Capacity in the Liquid-to-Gas Phase Transition in Hydrogen Cluster Ions: Backbending of the Caloric Curve. Physical Review Letters, 2002, 89, 183403.	7.8	84
346	Quantitative investigation of the kinetic energy release in metastable decay reactions of (O2)n=2â€“10+ ions: Evidence for a change in the metastable decay mechanism as a function of cluster size. Journal of Chemical Physics, 2002, 116, 7583-7588.	3.0	8
347	Electron impact multiple ionization of neon, argon and xenon atoms close to threshold: appearance energies and Wannier exponents. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 2993-3007.	1.5	34
348	Electron impact ionization studies for SF5CF3. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 2567-2574.	1.5	14
349	Multiple ionization of helium and krypton by electron impact close to threshold: appearance energies and Wannier exponents. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 4685-4694.	1.5	16
350	Ionization energy studies for Cl2O monomers and dimers. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 589-599.	1.5	10
351	Dissociative electron attachment study to nitromethane. Journal of Chemical Physics, 2002, 117, 7989-7994.	3.0	48
352	Isotope effects in the electron impact ionization of H2/D2, H2O/D2O, and C6H6/C6D6 near threshold. Journal of Chemical Physics, 2002, 116, 2456-2463.	3.0	38
353	Unimolecular dissociation of non-stoichiometric oxygen cluster ions On+âˆ— (n=5, 7, 9, 11): a switch from O3 to O2 loss above cluster size n=5. International Journal of Mass Spectrometry, 2002, 220, 221-230.	1.5	3
354	Multiply charged clusters. Comptes Rendus Physique, 2002, 3, 353-364.	0.9	25
355	Recent results on multiple ionization and fragmentation of negatively charged fullerene ions by electron impact. Physics of the Solid State, 2002, 44, 511-514.	0.6	1
356	Low energy electron attachment to SF5CF3. Chemical Physics Letters, 2002, 351, 71-78.	2.6	33
357	Binding energies of neon and krypton cluster ions. Chemical Physics Letters, 2002, 352, 288-293.	2.6	22
358	Dissociative electron attachment to formic acid (HCOOH). Chemical Physics Letters, 2002, 361, 277-284.	2.6	91
359	Kinetic energy release in exciton-driven metastable decay of neon cluster ions. Chemical Physics Letters, 2002, 361, 91-98.	2.6	5
360	Low energy electron attachment to formic acid. European Physical Journal D, 2002, 20, 441-444.	1.3	30

#	Article	IF	Citations
361	Inelastic interactions of protons and electrons with biologically relevant molecules. European Physical Journal D, 2002, 20, 459-468.	1.3	93
362	Ionization and Fragmentation of Fullerene Ions by Electron Impact. , 2002, , 163-166.		0
363	Ionization and Fragmentation of Fullerene Ions by Electron Impact. Physica Scripta, 2001, T92, 153-155.	2.5	0
364	Electron and ion high-resolution interaction studies using sector field mass spectrometry: propane a case study. Vacuum, 2001, 63, 561-569.	3.5	8
365	High-resolution analysis of the kinetic energy distribution of fragment ions produced by dissociative ionization of propane. International Journal of Mass Spectrometry, 2001, 207, 145-152.	1.5	12
366	The energies of the triply excited n = 2 intrashell Heâ^' resonances 2s22p and 2s2p2 revisited. International Journal of Mass Spectrometry, 2001, 209, 23-29.	1.5	10
367	Dissociation pathways in low energy (0â€“2 eV) electron attachment to Cl2O. Chemical Physics Letters, 2001, 344, 471-478.	2.6	4
368	Binding energy of C60+ revisited â€“ What is the problem?. Chemical Physics Letters, 2001, 348, 194-202.	2.6	47
369	Theoretical study of small silicon clusters on a graphite layer. European Physical Journal D, 2001, 16, 37-41.	1.3	6
370	Decay reactions of rare gas cluster ions: Kinetic energy release distributions and binding energies. European Physical Journal D, 2001, 16, 69-72.	1.3	6
371	Dissociative electron attachment to hydrogen. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 1415-1423.	1.5	22
372	Cluster multifragmentation and percolation transition: A quantitative comparison for two systems of the same size. Physical Review A, 2001, 63, .	2.5	9
373	Total, Partial, and Electron-Capture Cross Sections for Ionization of Water Vapor by 20â€“150 keV Protons. Physical Review Letters, 2001, 86, 3751-3754.	7.8	77
374	Formation and dissociation of triply charged fragment ions of benzene. Journal of Chemical Physics, 2001, 114, 9875-9881.	3.0	7
375	Electron Attachment to Oxygen and Nitric Oxide Clusters. , 2001, , 683-692.		1
376	Silicon Nanostructures Grown by Vapor Deposition on HOPG. , 2001, , 115-125.		0
377	Kinetics and energetics of electron impact ionization of molecules: Ionization cross section, appearance energies and kinetic energy release. AIP Conference Proceedings, 2000, , .	0.4	3
378	Scaling behavior of cross-sections for electron-impact multiple-ionization of negatively-charged fullerene ions. Chemical Physics Letters, 2000, 319, 13-19.	2.6	12

#	Article	IF	Citations
379	Novel decay channels of carbon cluster ions, C40z+ and C41z+ (z=3,4). Chemical Physics Letters, 2000, 330, 53-60.	2.6	2
380	The energy gap of pristine silicon clusters. Journal of Electron Spectroscopy and Related Phenomena, 2000, 109, 157-168.	1.7	11
381	Coulomb blockade effects in charged Si7 clusters on a graphite substrate. Computational and Theoretical Chemistry, 2000, 529, 149-160.	1.5	2
382	Low energy high resolution dissociative electron attachment to ozone. AIP Conference Proceedings, 2000, , .	0.4	0
383	Multiple Ionization and Fragmentation of Negatively Charged Fullerene Ions by Electron Impact. Physical Review Letters, 2000, 84, 55-58.	7.8	26
384	Energy gap of silicon clusters studied by scanning tunneling spectroscopy. Physical Review B, 2000, 62, 6892-6895.	3.2	49
385	Growth of silicon nanostructures on graphite. Surface Science, 2000, 458, 113-122.	1.9	34
386	Electron-Impact Induced Fragmentation of Fullerene Ions. Physical Review Letters, 2000, 85, 3604-3607.	7.8	44
387	Electron impact ionization of neutral and ionized fullerenes: ionization crossâ€“sections and kinetic energy release. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 1201-1227.	3.4	7
388	Electron attachment to oxygen clusters studied with high energy resolution. Journal of Chemical Physics, 1999, 111, 3548-3558.	3.0	24
389	Low Energy Dissociative Electron Attachment to Ozone. Physical Review Letters, 1999, 82, 5028-5031.	7.8	50
390	Kinetic energy release for metastable fullerene ions. International Journal of Mass Spectrometry, 1999, 185-187, 813-823.	1.5	37
391	Spontaneous and induced dissociation of singly and multiply charged fullerene ions. International Journal of Mass Spectrometry, 1999, 192, 267-280.	1.5	6
392	Kinetic energy release distributions and evaporation energies for metastable fullerene ions. Chemical Physics Letters, 1999, 303, 379-386.	2.6	51
393	Electron attachment to nitric oxide clusters and electron impact ionization of carbon monoxide clusters. European Physical Journal D, 1999, 9, 159-162.	1.3	4
394	Stability of multiply charged fullerene ions. European Physical Journal D, 1999, 9, 91-94.	1.3	5
395	Universal behaviour in fragmentation phenomena? The cluster case. European Physical Journal D, 1999, 5, 5-8.	1.3	18
396	Kinetic energy releases and electron-induced decay of C60z+. European Journal of Mass Spectrometry, 1999, 5, 477.	0.7	22

#	Article	IF	Citations
397	Stability of multiply charged fullerene ions. , 1999, , 91-94.		1
398	Electron attachment to nitric oxide clusters and electron impact ionization of carbon monoxide clusters. , 1999, , 159-162.		0
399	Electron impact ionization of C60 revisited: corrected absolute cross section functions. Chemical Physics Letters, 1998, 289, 181-188.	2.6	42
400	Formation of NOâ¯ following electron attachment to NO clusters. Chemical Physics Letters, 1998, 289, 521-526.	2.6	13
401	Experimental and theoretical determination of electron ionization cross sections for atoms, molecules and molecular ions relevant to fusion edge plasmas. European Physical Journal D, 1998, 48, 333-338.	0.4	0
402	Kinetic energies of ions produced by dissociative electron impact ionization of propane. International Journal of Mass Spectrometry, 1998, 177, 143-154.	1.5	21
403	First direct observation and identification of the smaller fragment ion in a metastable asymmetric charge separation reaction. International Journal of Mass Spectrometry and Ion Processes, 1998, 172, L1-L6.	1.8	8
404	Electron emission from a clean gold surface bombarded by slow multiply charged fullerenes. International Journal of Mass Spectrometry and Ion Processes, 1998, 174, 317-328.	1.8	22
405	Dissociative electron attachment to NO molecules and NO clusters. Physical Review A, 1998, 57, R697-R700.	2.5	19
406	Experimental Evidence of Critical Behavior in Cluster Fragmentation Using an Event-by-Event Data Analysis. Physical Review Letters, 1998, 81, 4108-4111.	7.8	37
407	Kinetic energies of Cn+ fragment ions (58â©¾nâ©¾4) produced by electron impact on C60. Journal of Chemical Physics, 1998, 108, 963-970.	3.0	20
408	Charge separation processes of highly charged fullerene ions. Journal of Chemical Physics, 1998, 108, 990-1000.	3.0	37
409	POSITIVE AND NEGATIVE ION FORMATION IN ELECTRON COLLISIONS WITH FULLERENES. , 1998, , 1-56.		3
410	Dissociation of singly and multiply charged fullerenes: Emission of C4, or sequential emission of C2?. Journal of Chemical Physics, 1997, 107, 6246-6256.	3.0	31
411	Suppression of potential electron emission for impact of slow multicharged fullerenes on clean gold. Physical Review A, 1997, 56, 3007-3010.	2.5	23
412	Sequential Reaction Channels of MetastableC604+. Physical Review Letters, 1997, 79, 3861-3864.	7.8	25
413	Dissociative electron attachment cross section to CHCl3 using a high resolution crossed beams technique. Journal of Chemical Physics, 1997, 107, 8955-8962.	3.0	62
414	Electron emission for impact of slow fullerene ions on clean gold. Physica Scripta, 1997, T73, 318-319.	2.5	0

#	Article	IF	Citations
415	Electron impact ionization and dissociation of neutral and charged fullerenes. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1997, 40, 389-394.	1.0	16
416	Unimolecular dissociation of singly- and multiply-charged fullerene ions. , 1997, 108, 95-105.		1
417	Distinction between multicharged fullerene ions and their fragment ions with equal charge-to-mass. International Journal of Mass Spectrometry and Ion Processes, 1997, 163, 9-14.	1.8	15
418	Mass distribution and multiple fragmentation events in high energy clusterâ€"cluster collisions: evidence for a predicted phase transition. International Journal of Mass Spectrometry and Ion Processes, 1997, 164, 225-230.	1.8	27
419	Relative dissociation energies of singly and doubly charged fullerene ions, Cnz+, for n = 52 to 70. International Journal of Mass Spectrometry and Ion Processes, 1997, 167-168, 753-759.	1.8	24
420	Appearance and ionization energies of multiply-charged C70 parent ions produced by electron impact ionization. Chemical Physics Letters, 1997, 264, 149-156.	2.6	75
421	Unimolecular dissociation of multiply-charged fullerene ions via the loss of intact C6+ units. Chemical Physics Letters, 1997, 266, 276-282.	2.6	12
422	Electron impact ionization and dissociation of neutral and charged fullerenes. , 1997, , 389-394.		0
423	Appearance Energies of C60Fragment Ions Revisited. The Journal of Physical Chemistry, 1996, 100, 8692-8696.	2.9	21
424	Spontaneous Decay of Highly-Charged Fullerene Ions C60Z+ and C58z+. Fullerenes, Nanotubes, and Carbon Nanostructures, 1996, 4, 257-276.	0.6	1
425	Production and decay of highly-charged fullerene ions. Hyperfine Interactions, 1996, 99, 175-191.	0.5	4
426	Electron impact ionization of C₆₀and C₇₀: production and properties of parent and fragment ions studied with a two-sector field mass spectrometer. International Reviews in Physical Chemistry, 1996, 15, 93-131.	2.3	23
427	Direct Evidence for the Sequential DecayC60z+â†'C58z+â†'C56z+â†'â‹¯. Physical Review Letters, 1996, 77, 2654-2657.	8.6	62
428	Absolute partial and total crossâ€section functions for the electron impact ionization of C60 and C70. Journal of Chemical Physics, 1996, 105, 1880-1896.	3.0	80
429	Selfâ€consistent determination of fullerene binding energies BE (C+nâ€“C2), n=58â‹…â€‰â‹…â€‰â‹…44. Journal of Chemical Physics, 1996, 104, 1225-1231.	3.0	75
430	Measured appearance energies of fragment ions produced by electron impact on. Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, 5193-5198.	1.5	43
431	Evaporation of C4 (C4+) from C60z+. Chemical Physics Letters, 1995, 236, 271-276.	2.6	20
432	On the relationship between successive ionization energies of C60: the ionization scaling law revisited. International Journal of Mass Spectrometry and Ion Processes, 1995, 146-147, 233-238.	1.8	4

#	Article	IF	Citations
433	Interaction of electrons with C60+ and C60â^': post-ionization, dissociation and kinetic energy release. Chemical Physics Letters, 1995, 247, 515-521.	2.6	8
434	Stability of multiply-charged cluster and fullerene ions. Nuclear Instruments & Methods in Physics Research B, 1995, 98, 469-478.	1.4	28
435	Superasymmetric Fission of Multiply Charged Fullerene Ions. Physical Review Letters, 1995, 74, 3368-3371.	7.8	69
436	Charge Separation Processes of Multiply-Charged Fullerene Ions C60-2mz+, with 0 .ltoreq. m .ltoreq. 7 and 3 .ltoreq. z .ltoreq. 7. The Journal of Physical Chemistry, 1995, 99, 15428-15437.	2.9	42
437	Electron Impact Ionization ofC60. Physical Review Letters, 1995, 74, 3364-3367.	7.8	50
438	Observation of the Septuply Charged ionC607+and Its Metastable Decay into Two Charged Fragments via Superasymmetric Fission. Physical Review Letters, 1994, 73, 54-57.	7.8	91
439	Appearance and ionization energies of Cz+60â€2m and Cz+70â€2m ions (with z and m up to 4) produced by electron impact ionization of C60 and C70, respectively. Journal of Chemical Physics, 1994, 101, 8674-8679.	3.0	65
440	Electron-impact-induced production and isotope-resolved identification of C5+60. Chemical Physics Letters, 1994, 220, 141-144.	2.6	28
441	Electron impact induced production and isotope-resolved identification of C6+70 and sextuply-charged fragment ions of C70 and C60. International Journal of Mass Spectrometry and Ion Processes, 1994, 133, L5-L9.	1.8	23
442	Appearance and ionization energies of singly, doubly and triply charged C60 and its fragment ions produced by electron impact ionization. International Journal of Mass Spectrometry and Ion Processes, 1994, 138, 77-93.	1.8	67
443	Electron emission induced by cluster impact on a clean metal surface. Nuclear Instruments & Methods in Physics Research B, 1994, 88, 44-48.	1.4	14
444	Electron, exciton and ion reactions with (in) van der Waals (Arn) clusters. Physica Scripta, 1994, T53, 43-52.	2.5	5
445	Free electron attachment to C60 and C70. Chemical Physics Letters, 1993, 203, 232-236.	2.6	103
446	Comment on the shape of the ionization cross section function for C60 + e â†' C+60 + 2e from threshold to maximum. International Journal of Mass Spectrometry and Ion Processes, 1993, 125, R17-R19.	1.8	9
447	Absolute partial and total electron impact ionization cross sections for C2H6 from threshold up to 950 eV. International Journal of Mass Spectrometry and Ion Processes, 1993, 129, 31-42.	1.8	33
448	Dissociative xenon ion capture by neutral argon clusters. International Journal of Mass Spectrometry and Ion Processes, 1993, 129, 67-78.	1.8	5
449	Absolute partial and total electron impact ionization cross sections for C3H8 from threshold up to 950 eV. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1993, 25, 217-226.	1.0	48
450	Ion attachment to Van der Waals clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1993, 26, 210-212.	1.0	2

#	Article	IF	Citations
451	Interaction of free electrons with C60: ionization and attachment reactions. International Journal of Mass Spectrometry and Ion Processes, 1993, 129, 49-56.	1.8	19
452	Near-Threshold Electron Emission from Slow Cluster Impact on Clean Gold. Europhysics Letters, 1993, 22, 597-602.	2.0	19
453	Nearâ€threshold electron emission from impact of slow van der Waals clusters and fullerene ions on clean gold. Journal of Chemical Physics, 1993, 99, 8254-8261.	3.0	32
454	On the unimolecular fragmentation of C60+ fullerene ions: The comparison of measured and calculated breakdown patterns. Journal of Chemical Physics, 1993, 98, 9624-9634.	3.0	195
455	Formation of the superhalogen ion SFâ^'7 via electron attachment to SF6 clusters. Journal of Chemical Physics, 1992, 96, 9241-9242.	3.0	7
456	Metastable transitions and isotope distribution identification program for use in mass spectrometry involving spectra with multiple coincidences. International Journal of Mass Spectrometry and Ion Processes, 1992, 113, R7-R15.	1.8	6
457	Ion attachment to van der Waals clusters: reactions of NO+ with Arm. Chemical Physics Letters, 1992, 196, 118-122.	2.6	14
458	Spontaneous Decay of Ionized Atomic Clusters: Statistical and Non-Statistical Channels. Springer Series in Nuclear and Particle Physics, 1992, , 313-323.	0.1	3
459	Metastable decay of Ar n + involving single monomer evaporation and the loss of peculiar numbers of monomers. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1991, 20, 157-159.	1.0	10
460	Production and stability of oxygen cluster cations and anions, revisited. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1991, 20, 201-203.	1.0	17
461	Metastable decay of Ar n + involving single monomer evaporation and the loss of peculiar numbers of monomers. , 1991, , 607-609.		0
462	Production and stability of oxygen cluster cations and anions, revisited. , 1991, , 651-653.		0
463	Unimolecular Decay of Metastable Cluster Anions: (O₂)_N^{â^'}* â†' (O₂) + O₂. Contributions To Plasma Physics, 1990, 30, 749-753.	1.1	4
464	Metastable decay of singly charged argon cluster ions Ar+n*. International Journal of Mass Spectrometry and Ion Processes, 1990, 102, 19-44.	1.8	35
465	Critical appearance size of doubly charged Xe clusters revisited. Journal of Chemical Physics, 1989, 90, 4091-4094.	3.0	13
466	Production and properties of singly and multiply charged Kr clusters. Journal of Chemical Physics, 1989, 91, 3240-3245.	3.0	32
467	Production and appearance size of multiply charged stoichiometric and nonstoichiometric SO2 cluster ions. Journal of Chemical Physics, 1989, 90, 1288-1289.	3.0	5
468	Interactions of electrons with SF6: ionization and attachment. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1989, 12, 303-305.	1.0	4

#	Article	IF	Citations
469	Fragmentation of neutral van der Waals clusters with visible laser light: a new variant of the Raman effect?. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1989, 12, 275-277.	1.0	0
470	Multiply charged cluster ions of Ar, Kr, Xe, N2, O2, CO2, SO2 and NH3: Production mechanism, appearance size and appearance energy. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1989, 12, 279-281.	1.0	13
471	Observation and investigation of metastable decay series of (N2) n + cluster ions. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1989, 12, 285-287.	1.0	1
472	Determination of absolute partial and total electron impact ionization cross-sections for CF2Cl2 from threshold up to 180 eV: an improved experimental method. International Journal of Mass Spectrometry and Ion Processes, 1989, 87, 209-224.	1.8	38
473	Fragmentation of neutral van der Waals clusters with visible laser light: a new variant of the Raman effect?. , 1989, , 275-277.		0
474	Interactions of electrons with SF6: ionization and attachment. , 1989, , 303-305.		0
475	Appearance size and appearance energy of doubly and triply charged ammonia clusters. Chemical Physics Letters, 1988, 150, 222-226.	2.6	11
476	Raman-induced photodissociation of neutral (CO2) Van der Waals clusters with visible laser light. Chemical Physics Letters, 1988, 145, 95-101.	2.6	11
477	Production and stability of singly and doubly charged O2 clusters. Chemical Physics Letters, 1988, 144, 119-124.	2.6	20
478	Quantized sequential decay series of metastable N2 cluster ions (N2)n+* â†' (N2)n-1+* â†' â€¦ â†' N2+. Chemical Physics Letters, 1988, 148, 393-400.	2.6	43
479	Photodissociation of neutral van der waals clusters with visible laser light. Chemical Physics Letters, 1988, 149, 230-232.	2.6	5
480	Photodissociation of large neutral Arn clusters (n up to 150) with visible laser light. International Journal of Mass Spectrometry and Ion Processes, 1988, 83, R1-R5.	1.8	12
481	Production and properties of singly, doubly, and triply charged N2 clusters. Journal of Chemical Physics, 1988, 88, 4289-4293.	3.0	35
482	Dynamics and kinetics of the metastable decay series: Ar3+*â†'Ar2+*â†'Ar+. Journal of Chemical Physics, 1988, 89, 295-301.	3.0	31
483	Electron attachment and electron impact ionization of SF6 and SF6/Ar clusters. Journal of Chemical Physics, 1988, 88, 6884-6888.	3.0	31
484	Observation of sequential decay series in metastable Ar clusters:Arn+*â†'Arnâˆ'1+*â†'Arnâˆ'2*. Physical Review Letters, 1987, 59, 1813-1816.	7.8	75
485	Isotope enrichment in Ne clusters. Journal of Chemical Physics, 1987, 87, 5238-5241.	3.0	25
486	Experimental evidence for the time dependence of the metastable decay rate of Ne cluster ions: A further key to the magic number problem. Journal of Chemical Physics, 1987, 87, 1456-1458.	3.0	53

#	Article	IF	Citations
487	Doubly charged argon clusters and their critical size. Journal of Chemical Physics, 1987, 86, 3056-3057.	3.0	52
488	Production and stability of neon cluster ions up to Ne+90. Chemical Physics Letters, 1987, 137, 245-249.	2.6	63
489	Triply charged argon clusters: production and stability (appearance energy and appearance size). Chemical Physics Letters, 1987, 136, 423-426.	2.6	60
490	Formation of SOâ¯2, SO2Â·Oâ¯ and SO2Â·SOâ¯ by electron attachment to van der waals SO2 clusters. Chemical Physics Letters, 1987, 136, 177-180.	2.6	30
491	Mass-resolved argon cluster spectra up to 12000 u (Ar300+). International Journal of Mass Spectrometry and Ion Processes, 1987, 76, R11-R15.	1.8	13
492	Electron attachment to SO2 clusters. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1987, 6, 351-362.	1.0	18
493	Mass-resolved argon cluster spectra up to 12 000 u (Ar300+). International Journal of Mass Spectrometry and Ion Processes, 1987, 76, R11-R15.	1.8	3
494	Unimolecular decay of metastable Ar cluster ions. Evolution of magic numbers in Ar cluster mass spectra. International Journal of Mass Spectrometry and Ion Processes, 1986, 74, 281-301.	1.8	98
495	Calculation of electron impact ionization cross-sections. The fluorine anomaly. International Journal of Mass Spectrometry and Ion Processes, 1986, 74, 81-95.	1.8	29