

Paul Scheier

List of Publications by Year in descending order

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495
papers

11,937
citations

31976

53
h-index

62596

80
g-index

509
all docs

509
docs citations

509
times ranked

3775
citing authors

#	ARTICLE	IF	CITATIONS
1	Electron Attachment to Uracil: Effective Destruction at Subexcitation Energies. <i>Physical Review Letters</i> , 2003, 90, 188104.	7.8	311
2	On the unimolecular fragmentation of C ₆₀ ⁺ fullerene ions: The comparison of measured and calculated breakdown patterns. <i>Journal of Chemical Physics</i> , 1993, 98, 9624-9634.	3.0	195
3	Inelastic electron interaction (attachment/ionization) with deoxyribose. <i>Journal of Chemical Physics</i> , 2004, 120, 8505-8511.	3.0	193
4	Bond- and Site-Selective Loss of H Atoms from Nucleobases by Very-Low-Energy Electrons (<3 eV). <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6941-6943.	13.8	193
5	Electron Attachment to the Gas-Phase DNA Bases Cytosine and Thymine. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6562-6569.	2.5	191
6	Vibrational Feshbach resonances in uracil and thymine. <i>Journal of Chemical Physics</i> , 2006, 124, 124310.	3.0	166
7	Electron attachment to the DNA bases thymine and cytosine. <i>Chemical Physics Letters</i> , 2003, 377, 74-80.	2.6	151
8	Bond- and Site-Selective Loss of H [•] from Pyrimidine Bases. <i>Physical Review Letters</i> , 2005, 95, 093201.	7.8	148
9	Decomposition of Thymidine by Low-Energy Electrons: Implications for the Molecular Mechanisms of Single-Strand Breaks in DNA. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1893-1896.	13.8	130
10	Dissociative electron attachment to furan, tetrahydrofuran, and fructose. <i>Journal of Chemical Physics</i> , 2006, 125, 044304.	3.0	129
11	The virtual atomic and molecular data centre (VAMDC) consortium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 074003.	1.5	120
12	Cold physics and chemistry: Collisions, ionization and reactions inside helium nanodroplets close to zero K. <i>Physics Reports</i> , 2018, 751, 1-90.	25.6	113
13	High resolution dissociative electron attachment to gas phase adenine. <i>Journal of Chemical Physics</i> , 2006, 125, 084304.	3.0	110
14	Free electron attachment to C ₆₀ and C ₇₀ . <i>Chemical Physics Letters</i> , 1993, 203, 232-236.	2.6	103
15	Electron attachment to gas-phase uracil. <i>Journal of Chemical Physics</i> , 2004, 120, 6557-6565.	3.0	102
16	Bond-Selective H [•] Ion Abstraction from Thymine. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1647-1650.	13.8	99
17	Unimolecular decay of metastable Ar cluster ions. Evolution of magic numbers in Ar cluster mass spectra. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1986, 74, 281-301.	1.8	98
18	Mass Spectrometric Investigation of Anions Formed upon Free Electron Attachment to Nucleobase Molecules and Clusters Embedded in Superfluid Helium Droplets. <i>Physical Review Letters</i> , 2006, 97, 043201.	7.8	94

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19	Inelastic interactions of protons and electrons with biologically relevant molecules. European Physical Journal D, 2002, 20, 459-468.	1.3	93
20	Observation of the Septuply Charged ion C ₆₀ ⁷⁺ and Its Metastable Decay into Two Charged Fragments via Supersymmetric Fission. Physical Review Letters, 1994, 73, 54-57.	7.8	91
21	Dissociative electron attachment to formic acid (HCOOH). Chemical Physics Letters, 2002, 361, 277-284.	2.6	91
22	Bond selective dissociative electron attachment to thymine. Journal of Chemical Physics, 2005, 123, 124302.	3.0	86
23	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
24	Atomically resolved phase transition of fullerene cations solvated in helium droplets. Nature Communications, 2016, 7, 13550.	12.8	84
25	The submersion of sodium clusters in helium nanodroplets: Identification of the surface 'interior' transition. Journal of Chemical Physics, 2011, 135, 044309.	3.0	83
26	Absolute partial and total cross-section functions for the electron impact ionization of C ₆₀ and C ₇₀ . Journal of Chemical Physics, 1996, 105, 1880-1896.	3.0	80
27	Total, Partial, and Electron-Capture Cross Sections for Ionization of Water Vapor by 20-150 keV Protons. Physical Review Letters, 2001, 86, 3751-3754.	7.8	77
28	Observation of sequential decay series in metastable Ar clusters: Ar ⁿ⁺ → Ar ⁿ⁻¹⁺ → Ar ⁿ⁻²⁺ . Physical Review Letters, 1987, 59, 1813-1816.	7.8	75
29	Self-consistent determination of fullerene binding energies BE (C _n → C ₂), n=58-144. Journal of Chemical Physics, 1996, 104, 1225-1231.	3.0	75
30	Appearance and ionization energies of multiply-charged C ₇₀ parent ions produced by electron impact ionization. Chemical Physics Letters, 1997, 264, 149-156.	2.6	75
31	Ionization of water by (20-150)-keV protons: Separation of direct-ionization and electron-capture processes. Physical Review A, 2004, 70, .	2.5	74
32	Dissociative electron attachment to gas phase alanine. Chemical Physics Letters, 2005, 403, 107-112.	2.6	72
33	Supersymmetric Fission of Multiply Charged Fullerene Ions. Physical Review Letters, 1995, 74, 3368-3371.	7.8	69
34	Fragmentation of transient water anions following low-energy electron capture by H ₂ O/D ₂ O. Journal of Physics B: Atomic, Molecular and Optical Physics, 2006, 39, 3935-3944.	1.5	69
35	Structures, Energetics, and Dynamics of Helium Adsorbed on Isolated Fullerene Ions. Physical Review Letters, 2012, 108, 076101.	7.8	68
36	Appearance and ionization energies of singly, doubly and triply charged C ₆₀ and its fragment ions produced by electron impact ionization. International Journal of Mass Spectrometry and Ion Processes, 1994, 138, 77-93.	1.8	67

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37	Appearance and ionization energies of $Cz+60\hat{\epsilon}2m$ and $Cz+70\hat{\epsilon}2m$ ions (with z and m up to 4) produced by electron impact ionization of C60 and C70, respectively. <i>Journal of Chemical Physics</i> , 1994, 101, 8674-8679.	3.0	65
38	High-resolution mass spectrometric study of pure helium droplets, and droplets doped with krypton. <i>European Physical Journal D</i> , 2011, 63, 209-214.	1.3	65
39	Dissociative electron attachment to gas-phase glycine. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 1115-1119.	3.7	64
40	Dissociative electron attachment to acetic acid (CH ₃ COOH). <i>Chemical Physics Letters</i> , 2003, 378, 250-256.	2.6	64
41	Production and stability of neon cluster ions up to Ne ⁺⁹⁰ . <i>Chemical Physics Letters</i> , 1987, 137, 245-249.	2.6	63
42	Direct Evidence for the Sequential Decay $C60z+\hat{\alpha}^+C58z+\hat{\alpha}^+C56z+\hat{\alpha}^+\hat{\alpha}^-$. <i>Physical Review Letters</i> , 1996, 77, 2654-2657.	1.5	62
43	Dissociative electron attachment cross section to CHCl ₃ using a high resolution crossed beams technique. <i>Journal of Chemical Physics</i> , 1997, 107, 8955-8962.	3.0	62
44	Electron attachment to 5-chloro uracil. <i>Journal of Chemical Physics</i> , 2003, 118, 4107-4114.	3.0	62
45	Triply charged argon clusters: production and stability (appearance energy and appearance size). <i>Chemical Physics Letters</i> , 1987, 136, 423-426.	2.6	60
46	Influence of Functional Groups on the Site-Selective Dissociation of Adenine upon Low-Energy Electron Attachment. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5238-5241.	13.8	60
47	Threshold electron impact ionization studies of uracil. <i>International Journal of Mass Spectrometry</i> , 2004, 238, 47-53.	1.5	58
48	Partial cross sections for positive and negative ion formation following electron impact on uracil. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 3013-3020.	1.5	57
49	High-resolution kinetic energy release distributions and dissociation energies for fullerene ions $Cn+$, $42\hat{\alpha}^{1/2n}\hat{\alpha}^{1/290}$. <i>Journal of Chemical Physics</i> , 2004, 121, 2137-2143.	3.0	56
50	Adsorption of hydrogen on neutral and charged fullerene: Experiment and theory. <i>Journal of Chemical Physics</i> , 2013, 138, 074311.	3.0	56
51	Extracting cluster distributions from mass spectra: IsotopeFit. <i>International Journal of Mass Spectrometry</i> , 2015, 379, 194-199.	1.5	56
52	Ultracold Water Cluster Anions. <i>Journal of the American Chemical Society</i> , 2008, 130, 5573-5578.	13.7	55
53	Experimental evidence for the time dependence of the metastable decay rate of Ne cluster ions: A further key to the magic number problem. <i>Journal of Chemical Physics</i> , 1987, 87, 1456-1458.	3.0	53
54	NCO ⁺ , a Key Fragment Upon Dissociative Electron Attachment and Electron Transfer to Pyrimidine Bases: Site Selectivity for a Slow Decay Process. <i>Journal of the American Society for Mass Spectrometry</i> , 2013, 24, 1787-1797.	2.8	53

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55	Detection of Negative Charge Carriers in Superfluid Helium Droplets: The Metastable Anions He ⁺ and He ₂ ⁺ . Journal of Physical Chemistry Letters, 2014, 5, 2444-2449.	4.6	53
56	A Decade with VAMDC: Results and Ambitions. Atoms, 2020, 8, 76.	1.6	53
57	Doubly charged argon clusters and their critical size. Journal of Chemical Physics, 1987, 86, 3056-3057.	3.0	52
58	Free-electron attachment to coronene and corannulene in the gas phase. Journal of Chemical Physics, 2005, 123, 104308.	3.0	52
59	Kinetic energy release distributions and evaporation energies for metastable fullerene ions. Chemical Physics Letters, 1999, 303, 379-386.	2.6	51
60	Janus nanostructures for heterogeneous photocatalysis. Applied Physics Reviews, 2018, 5, 041111.	11.3	51
61	Highly Charged Droplets of Superfluid Helium. Physical Review Letters, 2019, 123, 165301.	7.8	51
62	Electron Impact Ionization of C ₆₀ . Physical Review Letters, 1995, 74, 3364-3367.	7.8	50
63	Low Energy Dissociative Electron Attachment to Ozone. Physical Review Letters, 1999, 82, 5028-5031.	7.8	50
64	Solvation of Na ⁺ , K ⁺ , and Their Dimers in Helium. Chemistry - A European Journal, 2012, 18, 4411-4418.	3.3	50
65	Energy gap of silicon clusters studied by scanning tunneling spectroscopy. Physical Review B, 2000, 62, 6892-6895.	3.2	49
66	Reactions in Nitroimidazole Triggered by Low Energy (0 < b> < /b> 2 eV) Electrons: Methylation at N1 Completely Blocks Reactivity. Angewandte Chemie - International Edition, 2014, 53, 12240-12243.	13.8	49
67	Absolute partial and total electron impact ionization cross sections for C ₃ H ₈ from threshold up to 950 eV. Zeitschrift für Physik D-Atoms Molecules and Clusters, 1993, 25, 217-226.	1.0	48
68	Dissociative electron attachment study to nitromethane. Journal of Chemical Physics, 2002, 117, 7989-7994.	3.0	48
69	Binding energy of C ₆₀ ⁺ revisited – What is the problem?. Chemical Physics Letters, 2001, 348, 194-202.	2.6	47
70	Combined Experimental and Theoretical Study on the Nature and the Metastable Decay Pathways of the Amino Acid Ion Fragment [<i>M</i> ~H] ⁺ . Angewandte Chemie - International Edition, 2007, 46, 8057-8059.	13.8	47
71	Dissociative Electron Attachment to DNA Bases Near Absolute Zero Temperature: Freezing Dissociation Intermediates. ChemPhysChem, 2008, 9, 1387-1389.	2.1	45
72	Electron-Impact Induced Fragmentation of Fullerene Ions. Physical Review Letters, 2000, 85, 3604-3607.	7.8	44

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73	Revised high energy behavior of the Deutsch-Märk (DM) formula for the calculation of electron impact ionization cross sections of atoms. <i>International Journal of Mass Spectrometry</i> , 2004, 233, 13-17.	1.5	44
74	Dissociative ionization of the nucleosides thymidine and uridine by electron impact. <i>Chemical Physics Letters</i> , 2005, 409, 270-276.	2.6	44
75	Electron-impact ionization of helium clusters close to the threshold: Appearance energies. <i>Journal of Chemical Physics</i> , 2006, 124, 054320.	3.0	44
76	Dissociative electron attachment to gas phase glycine: Exploring the decomposition pathways by mass separation of isobaric fragment anions. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 5680.	2.8	44
77	Quantized sequential decay series of metastable N ₂ cluster ions (N ₂) _n ⁺ → (N ₂) _{n-1} ⁺ → ... → N ₂ ⁺ . <i>Chemical Physics Letters</i> , 1988, 148, 393-400.	2.6	43
78	Measured appearance energies of fragment ions produced by electron impact on. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996, 29, 5193-5198.	1.5	43
79	Low energy electron attachment to CH ₃ CN. <i>Chemical Physics Letters</i> , 2003, 381, 216-222.	2.6	43
80	Ion-Molecule Reactions in Helium Nanodroplets Doped with C ₆₀ and Water Clusters. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8940-8943.	13.8	43
81	Charge Separation Processes of Multiply-Charged Fullerene Ions C ₆₀ ^{2m+} , with 0 ≤ m ≤ 7 and 3 ≤ z ≤ 7. <i>The Journal of Physical Chemistry</i> , 1995, 99, 15428-15437.	2.9	42
82	Electron impact ionization of C ₆₀ revisited: corrected absolute cross section functions. <i>Chemical Physics Letters</i> , 1998, 289, 181-188.	2.6	42
83	and the Diffuse Interstellar Bands: An Independent Laboratory Check. <i>Astrophysical Journal</i> , 2017, 846, 168.	4.5	42
84	Cross sections and ion kinetic energies for electron impact ionization of CH ₄ . <i>International Journal of Mass Spectrometry</i> , 2003, 228, 307-320.	1.5	40
85	On the Size and Structure of Helium Snowballs Formed around Charged Atoms and Clusters of Noble Gases. <i>Journal of Physical Chemistry A</i> , 2014, 118, 8050-8059.	2.5	40
86	Probing trinitrotoluene (TNT) by low-energy electrons: Strong fragmentation following attachment of electrons near 0 eV. <i>International Journal of Mass Spectrometry</i> , 2008, 272, 149-153.	1.5	39
87	Electron impact ionization studies with the amino acid valine in the gas phase and (hydrated) in helium droplets. <i>European Physical Journal D</i> , 2009, 51, 73-79.	1.3	39
88	Determination of absolute partial and total electron impact ionization cross-sections for CF ₂ Cl ₂ from threshold up to 180 eV: an improved experimental method. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1989, 87, 209-224.	1.8	38
89	Isotope effects in the electron impact ionization of H ₂ /D ₂ , H ₂ O/D ₂ O, and C ₆ H ₆ /C ₆ D ₆ near threshold. <i>Journal of Chemical Physics</i> , 2002, 116, 2456-2463.	3.0	38
90	Solvation of ions in helium. <i>International Reviews in Physical Chemistry</i> , 2020, 39, 465-516.	2.3	38

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91	An intense source for cold cluster ions of a specific composition. Review of Scientific Instruments, 2020, 91, 033315.	1.3	38
92	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
93	Charge separation processes of highly charged fullerene ions. Journal of Chemical Physics, 1998, 108, 990-1000.	3.0	37
94	Kinetic energy release for metastable fullerene ions. International Journal of Mass Spectrometry, 1999, 185-187, 813-823.	1.5	37
95	Production and properties of singly, doubly, and triply charged N ₂ clusters. Journal of Chemical Physics, 1988, 88, 4289-4293.	3.0	35
96	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
97	Growth of silicon nanostructures on graphite. Surface Science, 2000, 458, 113-122.	1.9	34
98	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
99	Inelastic Electron Interaction with Chloroform Clusters embedded in Helium Droplets. Journal of the American Chemical Society, 2008, 130, 5065-5071.	13.7	34
100	Submersion of potassium clusters in helium nanodroplets. Physical Review B, 2012, 85, .	3.2	34
101	Absolute partial and total electron impact ionization cross sections for C ₂ H ₆ from threshold up to 950 eV. International Journal of Mass Spectrometry and Ion Processes, 1993, 129, 31-42.	1.8	33
102	Low energy electron attachment to SF ₅ CF ₃ . Chemical Physics Letters, 2002, 351, 71-78.	2.6	33
103	On the Size of Ions Solvated in Helium Clusters. Chemistry - A European Journal, 2009, 15, 7101-7108.	3.3	33
104	On enhanced hydrogen adsorption on alkali (cesium) doped C ₆₀ and effects of the quantum nature of the H ₂ molecule on physisorption energies. International Journal of Hydrogen Energy, 2017, 42, 3078-3086.	7.1	33
105	 C</mml:mi> C_{60} as a diffuse interstellar band carrier; a spectroscopic story in 6 acts. Journal of Molecular Spectroscopy, 2020, 367, 1112-13.		
106	Production and properties of singly and multiply charged Kr clusters. Journal of Chemical Physics, 1989, 91, 3240-3245.	3.0	32
107	Near-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
108	Electron attachment to simple organic acids. Vacuum, 2003, 70, 429-433.	3.5	32

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109	Sequential Penning Ionization: Harvesting Energy with Ions. <i>Physical Review Letters</i> , 2010, 105, 243402.	7.8	32
110	ON THE POSSIBLE PRESENCE OF WEAKLY BOUND FULLERENE-H ₂ COMPLEXES IN THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal Letters</i> , 2011, 738, L4.	8.3	32
111	Dynamics and kinetics of the metastable decay series: Ar ³⁺ Ar ²⁺ Ar ⁺ . <i>Journal of Chemical Physics</i> , 1988, 89, 295-301.	3.0	31
112	Electron attachment and electron impact ionization of SF ₆ and SF ₆ /Ar clusters. <i>Journal of Chemical Physics</i> , 1988, 88, 6884-6888.	3.0	31
113	Dissociation of singly and multiply charged fullerenes: Emission of C ₄ , or sequential emission of C ₂ ? <i>Journal of Chemical Physics</i> , 1997, 107, 6246-6256.	3.0	31
114	Decomposition of nitroimidazole ions: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 12598-12607.	2.8	31
115	Formation of SO ₂ , SO ₂ -O and SO ₂ -SO by electron attachment to van der waals SO ₂ clusters. <i>Chemical Physics Letters</i> , 1987, 136, 177-180.	2.6	30
116	Low energy electron attachment to formic acid. <i>European Physical Journal D</i> , 2002, 20, 441-444.	1.3	30
117	Multiply Charged Neon Clusters: Failure of the Liquid Drop Model?. <i>Physical Review Letters</i> , 2007, 98, 023401.	7.8	30
118	Electron attachment to trinitrotoluene (TNT) embedded in He droplets: complete freezing of dissociation intermediates in an extended range of electron energies. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 8240.	2.8	30
119	Calculation of electron impact ionization cross-sections. The fluorine anomaly. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1986, 74, 81-95.	1.8	29
120	Kinetic-energy release in Coulomb explosion of metastable C ₃ H ₅ ²⁺ . <i>Journal of Chemical Physics</i> , 2003, 118, 3090-3095.	3.0	29
121	Positive and negative ion formation via slow electron collisions with 5-bromouridine. <i>European Physical Journal D</i> , 2005, 35, 391-398.	1.3	29
122	Dissociative electron attachment to nitromethane. <i>International Journal of Mass Spectrometry</i> , 2008, 271, 15-21.	1.5	29
123	Argon clusters embedded in helium nanodroplets. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9791.	2.8	29
124	Electron attachment to amino acid clusters in helium nanodroplets: Glycine, alanine, and serine. <i>Journal of Chemical Physics</i> , 2010, 132, 214306.	3.0	29
125	Adsorption of Polar and Nonpolar Molecules on Isolated Cationic C ₆₀ , C ₇₀ , and Their Aggregates. <i>ChemPlusChem</i> , 2013, 78, 910-920.	2.8	29
126	Anionic Hydrogen Cluster Ions as a New Form of Condensed Hydrogen. <i>Physical Review Letters</i> , 2016, 117, 273001.	7.8	29

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127	Electron-impact-induced production and isotope-resolved identification of C ₅ +60. <i>Chemical Physics Letters</i> , 1994, 220, 141-144.	2.6	28
128	Stability of multiply-charged cluster and fullerene ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1995, 98, 469-478.	1.4	28
129	Electron attachment to C ₂ Cl ₄ and Trojan horse ionization. <i>Journal of Chemical Physics</i> , 2003, 118, 7394.	3.0	28
130	Electron Attachment to Higher Fullerenes and to Sc ₃ N@C ₈₀ . <i>Journal of Physical Chemistry A</i> , 2006, 110, 8451-8456.	2.5	28
131	Effects of Precursors and Plasma Parameters on Fullerene Synthesis in RF Thermal Plasma Reactor. <i>Plasma Chemistry and Plasma Processing</i> , 2006, 26, 597-608.	2.4	28
132	Probing di-nitrobenzene by low energy electrons. <i>International Journal of Mass Spectrometry</i> , 2007, 266, 138-148.	1.5	28
133	Formation of even-numbered hydrogen cluster cations in ultracold helium droplets. <i>Journal of Chemical Physics</i> , 2008, 129, 224306.	3.0	28
134	Electron attachment and electron ionization of acetic acid clusters embedded in helium nanodroplets. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 11631.	2.8	28
135	Ionization of doped helium nanodroplets: Complexes of C ₆₀ with water clusters. <i>Journal of Chemical Physics</i> , 2010, 132, 234307.	3.0	28
136	Dissociative electron attachment to gas-phase formamide. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 12305.	2.8	28
137	Cationic Complexes of Hydrogen with Helium. <i>ChemPhysChem</i> , 2013, 14, 227-232.	2.1	28
138	Mass distribution and multiple fragmentation events in high energy cluster-cluster collisions: evidence for a predicted phase transition. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1997, 164, 225-230.	1.8	27
139	Electron attachment to chlorouracil: A comparison between 6-ClU and 5-ClU. <i>Journal of Chemical Physics</i> , 2004, 120, 704-709.	3.0	27
140	Electron impact ionization of 5- and 6-chlorouracil: appearance energies. <i>International Journal of Mass Spectrometry</i> , 2004, 232, 99-105.	1.5	27
141	On the Stabilization of Fullerenes by Caged Atoms: Singly and Multiply Charged Sc ₃ N@C ₇₈ and Sc ₃ N@C ₈₀ Ions. <i>Journal of Physical Chemistry A</i> , 2004, 108, 6990-6995.	2.5	27
142	Generation of (M-H) ⁺ ions by dissociative electron attachment to simple organic acids M. <i>Vacuum</i> , 2005, 78, 631-634.	3.5	27
143	Detailed dissociative electron attachment studies on the amino acid proline. <i>International Journal of Mass Spectrometry</i> , 2008, 277, 274-278.	1.5	27
144	Bond dissociation of the dipeptide dialanine and its derivative alanine anhydride induced by low energy electrons. <i>Journal of Chemical Physics</i> , 2011, 134, 054305.	3.0	27

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145	Multiple Ionization and Fragmentation of Negatively Charged Fullerene Ions by Electron Impact. <i>Physical Review Letters</i> , 2000, 84, 55-58.	7.8	26
146	On the kinetic energy release distribution for C ₂ evaporation from fullerene ions. <i>Chemical Physics Letters</i> , 2004, 385, 449-455.	2.6	26
147	Appearance energies of singly, doubly, and triply charged coronene and corannulene ions produced by electron impact. <i>International Journal of Mass Spectrometry</i> , 2006, 249-250, 353-358.	1.5	26
148	Reactions in Nitroimidazole and Methylnitroimidazole Triggered by Low-Energy (0–8 eV) Electrons. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6668-6675.	2.5	26
149	Isomeric Broadening of C ₆₀ ⁺ Electronic Excitation in Helium Droplets: Experiments Meet Theory. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 1237-1242.	4.6	26
150	Isotope enrichment in Ne clusters. <i>Journal of Chemical Physics</i> , 1987, 87, 5238-5241.	3.0	25
151	Sequential Reaction Channels of Metastable C ₆₀ ⁺ . <i>Physical Review Letters</i> , 1997, 79, 3861-3864.	7.8	25
152	Multiply charged clusters. <i>Comptes Rendus Physique</i> , 2002, 3, 353-364.	0.9	25
153	Probing Electronic States of Ne ₂ ⁺ and Ar ₂ ⁺ by Measuring Kinetic-Energy-Release Distributions. <i>Physical Review Letters</i> , 2003, 91, 133401.	7.8	25
154	High resolution measurements of kinetic energy release distributions of neon, argon, and krypton cluster ions using a three sector field mass spectrometer. <i>Journal of Chemical Physics</i> , 2004, 120, 2686-2692.	3.0	25
155	Isotope effects in dissociative electron attachment to the DNA base thymine. <i>International Journal of Mass Spectrometry</i> , 2008, 277, 296-299.	1.5	25
156	Ionization of Methane Clusters in Helium Nanodroplets. <i>ChemPhysChem</i> , 2012, 13, 469-476.	2.1	25
157	Communication: Dopant-induced solvation of alkalis in liquid helium nanodroplets. <i>Journal of Chemical Physics</i> , 2016, 145, 181101.	3.0	25
158	The adsorption of helium atoms on coronene cations. <i>Journal of Chemical Physics</i> , 2016, 145, 064305.	3.0	25
159	Lithium ions solvated in helium. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 25569-25576.	2.8	25
160	Relative dissociation energies of singly and doubly charged fullerene ions, C _n ^{z+} , for n = 52 to 70. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1997, 167-168, 753-759.	1.8	24
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