

Henning Schmidt

List of Publications by Year in descending order

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187
papers

3,925
citations

125106

35
h-index

175968

55
g-index

190
all docs

190
docs citations

190
times ranked

2113
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of the lifetime of a metastable excited state in Bi ⁺ . Physical Review A, 2022, 105, . State-Resolved Mutual Neutralization of Mg^+ and D^+ . Physical Review A, 2022, 105, .	1.0	1
2	Storage-ring study of the mutual neutralization of N^+ and O^+ . Physical Review A, 2022, 105, .	2.9	7
3	Experimental lifetime of the a ¹ electronically excited state of CH ⁺ . Physical Review Research, 2022, 4, .	1.3	2
4	Statistical vibrational autodetachment and radiative cooling rates of <i>para</i> -benzoquinone. Physical Chemistry Chemical Physics, 2022, 24, 12002-12010.	1.3	6
5	Mutual Neutralization in Li ⁺ +H ⁺ /D ⁺ and Na ⁺ +H ⁺ /D ⁺ Collisions: Implications of Experimental Results for Non-LTE Modeling of Stellar Spectra. Astrophysical Journal, 2021, 908, 245.	1.0	4
6	Final-state-resolved mutual neutralization of Li^+ and Na^+ . Physical Review A, 2021, 103, .	1.6	11
7	Roadmap on dynamics of molecules and clusters in the gas phase. European Physical Journal D, 2021, 75, 1.	1.0	13
8	Experimental and theoretical studies of excited states in Ir^+ . Physical Review A, 2021, 103, .	0.6	32
9	Mutual neutralisation of O^+ with O^+ : investigation of the role of metastable ions in a combined experimental and theoretical study. Physical Chemistry Chemical Physics, 2021, 23, 24607-24616.	1.3	5
10	Survival of polycyclic aromatic hydrocarbon knockout fragments in the interstellar medium. Nature Communications, 2021, 12, 6646.	5.8	15
11	Radiative cooling of carbon cluster anions C_{2n+1}^- ($n=3-5$). European Physical Journal D, 2020, 74, 1.	0.6	17
12	Photodetachment Studies of Ir^+ Ions at DESIREE. Journal of Physics: Conference Series, 2020, 1412, 132022.	0.3	0
13	Negative ion relaxation and reactions in a cryogenic storage ring. Journal of Physics: Conference Series, 2020, 1412, 062006.	0.3	1
14	Unimolecular fragmentation and radiative cooling of isolated PAH ions: A quantitative study. Journal of Chemical Physics, 2020, 153, 154303.	1.2	17
15	Cryogenic merged-ion-beam experiments in DESIREE: Final-state-resolved mutual neutralization of Li^+ and D^+ . Physical Review A, 2020, 102, .	1.0	18
16	Non-statistical fragmentation of C ₆₀ and the formation of endohedral defect fullerenes. Journal of Physics: Conference Series, 2020, 1412, 202032.	0.3	0
17	Spontaneous decay of small carbon cluster dianions C_n^{2-} ($n=7-11$). Journal of Physics: Conference Series, 2020, 1412, 232014.	0.3	0

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19	Spontaneous Electron Emission from Hot Silver Dimer Anions: Breakdown of the Born-Oppenheimer Approximation. <i>Physical Review Letters</i> , 2020, 124, 173001.	2.9	10
20	Final state resolved mutual neutralization of Li^+ and $\text{D}^{\hat{+}}$. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 232008.	0.3	0
21	Vibrational autodetachment from hot copper dimer anions: breakdown of the Born-Oppenheimer approximation. <i>Journal of Physics: Conference Series</i> , 2020, 1412, 232012.	0.3	0
22	Roadmap on photonic, electronic and atomic collision physics: III. Heavy particles: with zero to relativistic speeds. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 171003.	0.6	22
23	Decay pathways for protonated and deprotonated adenine molecules. <i>Journal of Chemical Physics</i> , 2019, 151, 044306.	1.2	0
24	Ultraslow radiative cooling of $\text{Cn}^{\hat{+}}$ ($n = 3-5$). <i>Journal of Chemical Physics</i> , 2019, 151, 114304.	1.2	16
25	Storage time dependent photodissociation action spectroscopy of polycyclic aromatic hydrocarbon cations in the cryogenic electrostatic storage ring DESIREE. <i>Faraday Discussions</i> , 2019, 217, 126-137.	1.6	16
26	Intrinsic absorption profile and radiative cooling rate of a PAH cation revealed by action spectroscopy in the cryogenic electrostatic storage ring DESIREE. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 127-131.	0.0	5
27	Dianion diagnostics in DESIREE: High-sensitivity detection of $\text{Cn}2^{\hat{+}}$ from a sputter ion source. <i>Review of Scientific Instruments</i> , 2018, 89, 033112.	0.6	4
28	Decays of excited silver-cluster anions $\text{Ag}^n = \text{Ag}^n + 4e^- \rightarrow \text{Ag}^n + 4e^-$ to 7, in the Double ElectroStatic Ion Ring ExpERiment. <i>Physical Review A</i> , 2018, 98, .	1.0	13
29	The threshold displacement energy of buckminsterfullerene C_{60} and formation of the endohedral defect fullerene $\text{He}@C_{59}$. <i>Carbon</i> , 2018, 139, 906-912.	5.4	5
30	DESIREE electrospray ion source test bench and setup for collision induced dissociation experiments. <i>Review of Scientific Instruments</i> , 2018, 89, 075102.	0.6	7
31	Mutual Neutralization of O^+ and $\text{OH}^{\hat{+}}$ $\text{O}^+ + \text{OH}^{\hat{+}} \rightarrow \text{H}^+ + \text{O}_2^+$ with O^+ and $\text{OH}^{\hat{+}}$ ions in the Cryogenic Electrostatic Ion-Beam Storage Ring DESIREE. <i>Physical Review Letters</i> , 2017, 119, 073001.	2.9	26
32	Spontaneous decay of small copper-cluster anions $\text{Cu}^n = \text{Cu}^n + e^- \rightarrow \text{Cu}^n + e^-$ on long time scales. <i>Physical Review A</i> , 2017, 95, .	1.6	18
33	Knockout driven fragmentation of porphyrins. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 19750-19755.	1.3	2
34	Rotationally Cold $\text{OH}^{\hat{+}}$ molecular ions in the Cryogenic Electrostatic Ion-Beam Storage Ring DESIREE. <i>Physical Review Letters</i> , 2017, 119, 073001.	2.9	41
35	Rotationally cold ($> 99\% J = 0$) $\text{OH}^{\hat{+}}$ molecular ions in a cryogenic storage ring. <i>Journal of Physics: Conference Series</i> , 2017, 875, 012016.	0.3	1
36	Lifetimes of bound excited states of $\text{Pt}^{\hat{+}}$. <i>Journal of Physics: Conference Series</i> , 2017, 875, 022051.	0.3	1

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37	Physics book: CRYRING@ESR. European Physical Journal: Special Topics, 2016, 225, 797-882.	1.2	101
38	PHOTO-STABILITY OF SUPER-HYDROGENATED PAHs DETERMINED BY ACTION SPECTROSCOPY EXPERIMENTS. Astrophysical Journal, 2016, 832, 24.	1.6	29
39	Radiative lifetimes of the bound excited states of Pt^{IV} . Physical Review A, 2016, 94, .	0.1	1
40	Lifetime of the bound excited level in Ni^{II} . Physical Review A, 2016, 93, .	0.1	1
41	Hydrogenated pyrene: Statistical single-carbon loss below the knockout threshold. European Physical Journal D, 2016, 70, 1.	0.6	15
42	Failure of hydrogenation in protecting polycyclic aromatic hydrocarbons from fragmentation. Physical Review A, 2015, 92, .	1.0	40
43	Fragmentation studies of Hydrogenated-Pyrene Polycyclic Aromatic Hydrocarbons in collisions with He. Journal of Physics: Conference Series, 2015, 635, 022020.	0.3	0
44	Threshold Energies for Single-Carbon Knockout from Polycyclic Aromatic Hydrocarbons. Journal of Physical Chemistry Letters, 2015, 6, 4504-4509.	2.1	26
45	State-resolved measurements of mutual neutralization at subthermal collision energies. Journal of Physics: Conference Series, 2015, 635, 022043.	0.3	1
46	DESIREE: Physics with cold stored ion beams. EPJ Web of Conferences, 2015, 84, 01004.	0.1	3
47	Non-statistical fragmentation of large molecules in collisions with atoms. Journal of Physics: Conference Series, 2015, 635, 012036.	0.3	1
48	Radiative cooling of hot C_n^+ and C_nH^+ molecules. Journal of Physics: Conference Series, 2015, 635, 112124.	0.3	0
49	Molecular dynamics studies of impulse driven reactions in molecules and molecular clusters. Journal of Physics: Conference Series, 2015, 635, 032043.	0.3	1
50	Spontaneous decay of small copper cluster anions, Cu_N^- . Journal of Physics: Conference Series, 2015, 635, 072090.	0.3	5
51	Storing keV negative ions for hours: Lifetime measurements in new time domains. Journal of Physics: Conference Series, 2015, 635, 112119.	0.3	0
52	Improving detection efficiency in a cryogenic environment - implications for DESIREE. Journal of Physics: Conference Series, 2015, 635, 022039.	0.3	0
53	Collision Induced Dissociation of PAHs and Biomolecules. Journal of Physics: Conference Series, 2015, 635, 022045.	0.3	0
54	Measuring lifetimes of Polycyclic Aromatic Hydrocarbon fragments. Journal of Physics: Conference Series, 2015, 635, 032067.	0.3	0

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55	Measuring the $^{2}D_{3/2}Ni$ excited state lifetime in DESIREE. Journal of Physics: Conference Series, 2015, 635, 092142.	0.3	1
56	Electrostatic storage rings for atomic and molecular physics. Physica Scripta, 2015, T166, 014063.	1.2	18
57	H ₂ formation from Polycyclic Aromatic Hydrocarbon molecules. Journal of Physics: Conference Series, 2015, 635, 032081.	0.3	1
58	Isomer effects in fragmentation of Polycyclic Aromatic Hydrocarbons. International Journal of Mass Spectrometry, 2015, 392, 58-62.	0.7	19
59	Storing keV Negative Ions for an Hour: The Lifetime of the Metastable P^{2-}	2.9	53
60	Formation of H ₂ from internally heated polycyclic aromatic hydrocarbons: Excitation energy dependence. Journal of Chemical Physics, 2015, 142, 144305.	1.2	43
61	High-energy collisions of protonated enantiopure amino acids with a chiral target gas. International Journal of Mass Spectrometry, 2015, 388, 59-64.	0.7	6
62	Absolute fragmentation cross sections in atom-molecule collisions: Scaling laws for non-statistical fragmentation of polycyclic aromatic hydrocarbon molecules. Journal of Chemical Physics, 2014, 140, 224306.	1.2	35
63	Fragmentation of anthracene C ₁₄ H ₁₀ , acridine C ₁₃ H ₉ N and phenazine C ₁₂ H ₈ N ₂ ions in collisions with atoms. Physical Chemistry Chemical Physics, 2014, 16, 21980-21987.	1.3	24
64	Ions colliding with mixed clusters of C ₆₀ and coronene: Fragmentation and bond formation. Physical Review A, 2014, 90, .	1.0	15
65	Non-statistical fragmentation of PAHs and fullerenes in collisions with atoms. International Journal of Mass Spectrometry, 2014, 365-366, 260-265.	0.7	34
66	Nonstatistical fragmentation of large molecules. Physical Review A, 2014, 89, .	1.0	57
67	First results from the Double ElectroStatic Ion-Ring Experiment, DESIREE. Journal of Physics: Conference Series, 2014, 488, 092003.	0.3	1
68	Bond formation in C ⁵⁹⁺ C ₆₀ collisions. Journal of Physics: Conference Series, 2014, 488, 012028.	0.3	0
69	Commissioning of the DESIREE storage rings – a new facility for cold ion-ion collisions. Journal of Physics: Conference Series, 2014, 488, 012040.	0.3	2
70	Ions colliding with polycyclic aromatic hydrocarbon clusters. Physica Scripta, 2013, T156, 014062.	1.2	1
71	First storage of ion beams in the Double Electrostatic Ion-Ring Experiment: DESIREE. Review of Scientific Instruments, 2013, 84, 055115.	0.6	116
72	Double core-hole formation in small molecules at the LCLS free electron laser. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 164030.	0.6	19

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73	Ions colliding with clusters of fullerenesâ€”Decay pathways and covalent bond formations. Journal of Chemical Physics, 2013, 139, 034309. Formations of Dumbbell C_{118} and C_{119} inside Clusters of Cosmic Fullerenes and Fullerenic Aggregates. Proceedings of the International Astronomical Union, 2013, 9, 339-343.	1.2	21
74	Experimental Verification of the Chemical Sensitivity of Two-Site Double Core-Hole States Formed by an X-Ray Free-Electron Laser [Phys. Rev. Lett. 108 , 153003 (2012)]. Physical Review Letters, 2012, 108, .	2.9	61
75	Publisherâ€™s Note: Experimental Verification of the Chemical Sensitivity of Two-Site Double Core-Hole States Formed by an X-Ray Free-Electron Laser. Physical Review Letters, 2012, 108, 153003.	2.9	103
76	The lifetime of the helium anion. Journal of Physics: Conference Series, 2012, 388, 012006.	0.3	6
77	Ionization and fragmentation of cold clusters of PAH molecules â€” collisions with keV ions. Journal of Physics: Conference Series, 2012, 388, 012051.	0.3	4
78	Interaction of multiply charged ions with isolated polycyclic aromatic hydrocarbon molecules. Journal of Physics: Conference Series, 2012, 388, 102049.	0.3	0
79	X-Ray FEL-induced Double Core-Hole Formation in Polyatomic Molecules. Journal of Physics: Conference Series, 2012, 388, 022083.	0.3	0
80	Ionization and fragmentation of cold clusters of PAH molecules: collisions with keV ions. Journal of Physics: Conference Series, 2012, 388, 102060.	0.3	3
81	Molecular isomer effects in ionization and fragmentation of PAH monomers and clusters: pyrene and fluoranthene. Journal of Physics: Conference Series, 2012, 388, 102061.	0.3	0
82	Electron-transfer in MeVp-N ₂ collisions: Kinetic-energy releases and effects of the molecular orientation. Journal of Physics: Conference Series, 2012, 388, 102035.	0.3	0
83	The Double ElectroStatic Ion-Ring Experiment, DESIREE. Journal of Physics: Conference Series, 2012, 388, 142022.	0.3	0
84	Low-energy ions interacting with anthracene molecules and clusters. Nuclear Instruments & Methods in Physics Research B, 2012, 279, 140-143.	0.6	23
85	Double Core Hole Spectroscopy of Small Molecules. , 2012, , .		0
86	Double-core-hole spectroscopy for chemical analysis with an intense X-ray femtosecond laser. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16912-16915.	3.3	165
87	The double electrostatic ion ring experiment: A unique cryogenic electrostatic storage ring for merged ion-beams studies. Review of Scientific Instruments, 2011, 82, 065112.	0.6	105
88	DESIREE: a unique cryogenic electrostatic storage ring for merged ion-beams studies. Journal of Physics: Conference Series, 2011, 300, 012011.	0.3	6
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91	Two-site double-core-hole states formed when fast protons capture electrons from aligned $N_{₂}$. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 175201.	0.6	9
92	Polycyclic aromatic hydrocarbon-isomer fragmentation pathways: Case study for pyrene and fluoranthene molecules and clusters. Journal of Chemical Physics, 2011, 135, 064302.	1.2	21
93	Ionization and fragmentation of polycyclic aromatic hydrocarbon clusters in collisions with keV ions. Physical Review A, 2011, 84, .	1.0	38
94	Multiple ionization and fragmentation of isolated pyrene and coronene molecules in collision with ions. Physical Review A, 2011, 83, .	1.0	66
95	Electron capture induced dissociation of doubly protonated pentapeptides: Dependence on molecular structure and charge separation. Journal of Chemical Physics, 2011, 134, 035102.	1.2	8
96	Unimolecular dissociation of anthracene and acridine cations: The importance of isomerization barriers for the C ₂ H ₂ loss and HCN loss channels. Journal of Chemical Physics, 2011, 135, 084304.	1.2	20
97	Cryogenic keV ion-beam storage in ConeTrap™ A tool for ion-temperature control. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 621, 83-90.	0.7	19
98	Importance of Thomas single-electron transfer in fast $p\text{-He}$ collisions. Physical Review A, 2010, 81, .	1.0	32
99	Magic and hot giant fullerenes formed inside ion irradiated weakly bound C ₆₀ clusters. Journal of Chemical Physics, 2010, 133, 104301.	1.2	28
100	Angular scattering in fast ion-atom electron transfer collisions: projectile wave diffraction and Thomas mechanisms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 185209.	0.6	23
101	Ions Colliding with Cold Polycyclic Aromatic Hydrocarbon Clusters. Physical Review Letters, 2010, 105, 213401.	2.9	72
102	Two-Center Double-Capture Interference in Fast $H^+ + H_2 \rightarrow H_2^+ + H$ Collisions. Physical Review Letters, 2009, 102, 153201.	2.9	36
103	Precision Lifetime Measurements of $He^+ + He \rightarrow He^+ + He$ in a Cryogenic Electrostatic Ion-Beam Trap. Physical Review Letters, 2009, 103, 213002.	2.9	48
104	Electron-Capture-Induced Dissociation of Microsolvated Di- and Tripeptide Monocations: Elucidation of Fragmentation Channels from Measurements of Negative Ions. ChemPhysChem, 2009, 10, 1619-1623.	1.0	9
105	Collisions with biomolecules embedded in small water clusters. Journal of Physics: Conference Series, 2009, 194, 012053.	0.3	2
106	Electron capture induced dissociation of water embedded nucleotide anions. Journal of Physics: Conference Series, 2009, 194, 102023.	0.3	0
107	The DESIREE project – a status report. Journal of Physics: Conference Series, 2009, 194, 142013.	0.3	1
108	Electron-transfer to H ⁺ and He ²⁺ from He at high velocities. Journal of Physics: Conference Series, 2009, 194, 082019.	0.3	0

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109	Kinetic energy release distributions for C ²⁺ emission from multiply charged C ₆₀ and C ₇₀ fullerenes. Journal of Physics: Conference Series, 2009, 163, 012088.	0.3	0
110	Young-type interferences in double-electron capture. Journal of Physics: Conference Series, 2009, 194, 102017.	0.3	0
111	On the Hydrogen Loss from Protonated Nucleobases after Electronic Excitation or Collisional Electron Capture. European Journal of Mass Spectrometry, 2009, 15, 681-688.	0.5	4
112	Commissioning and first tests of a table-top electrostatic ion storage ring, the Mini-Ring. Journal of Physics: Conference Series, 2009, 194, 142002.	0.3	0
113	Long-time storage (multiseconds) of ions in an electrostatic ion-beam trap at cryogenic and ultra-high vacuum conditions. Journal of Physics: Conference Series, 2009, 194, 142008.	0.3	0
114	Electron capture-induced dissociation of AK dipeptide dications: Influence of ion velocity, crown-ether complexation and collision gas. International Journal of Mass Spectrometry, 2008, 276, 77-81.	0.7	11
115	Fragmentation of isolated and nanosolvated biomolecular systems. , 2008, , . Kinetic energy release distributions and barrier heights for		2
116	Kinetic energy release distributions and barrier heights for C^{2+} emission from multiply charged C^{2+} ions. Journal of Physics: Conference Series, 2009, 194, 142002.	1.0	13
117	A table-top electrostatic ion storage ring: Mini-Ring. Review of Scientific Instruments, 2008, 79, 075109.	0.6	54
118	Evidence of Wave-Particle Duality for Single Fast Hydrogen Atoms. Physical Review Letters, 2008, 101, 083201.	2.9	40
119	DESIREE as a new tool for interstellar ion chemistry. International Journal of Astrobiology, 2008, 7, 205-208.	0.9	29
120	Electron capture induced dissociation of nucleotide anions in water nanodroplets. Journal of Chemical Physics, 2008, 128, 075102.	1.2	26
121	Two-center interference in H^{2+} electron-transfer collisions. Journal of Physics: Conference Series, 2007, 88, 012021.	0.3	7
122	Operating a triple stack microchannel plate-phosphor assembly for single particle counting in the 12-300K temperature range. Review of Scientific Instruments, 2007, 78, 113301.	0.6	33
123	Multiple ionization and fragmentation of fullerene dimers by highly charged ion impact. Journal of Physics: Conference Series, 2007, 88, 012039.	0.3	2
124	Stabilities of multiply charged dimers and clusters of fullerenes. Journal of Chemical Physics, 2007, 126, 224303.	1.2	39
125	Even-odd effects in the ionization cross sections of $[C_{60}]_2$ and $[C_{60}C_{70}]$ dimers. Physical Review A, 2007, 75, .	1.0	36
126	Lifetimes of C_{60}^{2-} and C_{70}^{2-} dianions in a storage ring. Journal of Chemical Physics, 2006, 124, 024310.	1.2	47

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127	DESIREE " A Double Electrostatic Storage Ring for Merged-Beam Experiments. AIP Conference Proceedings, 2006, , .	0.3	10
128	Fullerene collisions and clusters of fullerenes. International Journal of Mass Spectrometry, 2006, 252, 117-125.	0.7	5
129	Fragmentation and ionization of C70 and C60 by slow ions of intermediate charge. European Physical Journal D, 2006, 38, 299-306.	0.6	4
130	Experimental separation of the Thomas charge-transfer process in high-velocity He collisions. Physical Review A, 2006, 73, .	1.0	33
131	CLUSTERS AND CLUSTERS OF CLUSTERS IN COLLISIONS. , 2006, , .		1
132	LIFETIMES OF $\{m C\}^{2-}_{60}$ AND $\{m C\}^{2-}_{70}$ DIANIONS IN A STORAGE RING. , 2006, , .		0
133	Many-particle fragmentation processes in atomic and molecular physics " new insight into the world of correlation. Nuclear Instruments & Methods in Physics Research B, 2005, 233, 3-11.	0.6	7
134	Transfer ionization in p+He collisions. Nuclear Instruments & Methods in Physics Research B, 2005, 233, 43-47.	0.6	6
135	Fragmentation of charged fullerene dimers: Kinetic energy release. Nuclear Instruments & Methods in Physics Research B, 2005, 235, 419-424.	0.6	5
136	Ion beams of carbon clusters and multiply charged fullerenes produced with electron cyclotron resonance ion sources. Review of Scientific Instruments, 2005, 76, 053304.	0.6	5
137	Two-center interference in fast proton H2-electron transfer and excitation processes. Physical Review A, 2005, 72, .	1.0	31
138	Recoil-ion momentum distributions for transfer ionization in fast proton-He collisions. Physical Review A, 2005, 72, .	1.0	25
139	Electrostatic model calculations of fission barriers for fullerene ions. European Physical Journal D, 2004, 29, 63-68.	0.6	13
140	Photodissociation of protonated amino acids and peptides in an ion storage ring. Determination of Arrhenius parameters in the high-temperature limit. Physical Chemistry Chemical Physics, 2004, 6, 2676-2681.	1.3	53
141	Ionization of C70 and C60 molecules by slow highly charged ions: A comparison. Physical Review A, 2004, 69, .	1.0	27
142	STABILITY AND FRAGMENTATION OF HIGHLY CHARGED FULLERENE CLUSTERS. , 2004, , 301-311.		0
143	Electron capture and loss by protonated peptides and proteins in collisions with $\{C_{60}\}$ and Na. European Physical Journal D, 2003, 22, 75-79.	0.6	16
144	Power-law decay of collisionally excited amino acids and quenching by radiative cooling. European Physical Journal D, 2003, 25, 139-148.	0.6	52

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145	Energy releases in the fission of multiply charged C 60 ions. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 643-650.	0.6	6
146	Highly Charged Clusters of Fullerenes: Charge Mobility and Appearance Sizes. Physical Review Letters, 2003, 91, 215504.	2.9	60
147	Barriers for asymmetric fission of multiply charged C60fullerenes. Physical Review A, 2003, 67, .	1.0	35
148	Kinetic energy releases of exploding C60 ions produced by slow highly charged ions. AIP Conference Proceedings, 2003, , .	0.3	0
149	Transfer Ionization in MeV p-He Collisions Studied by Pulsed Recoil-Ion-Momentum Spectroscopy in a Storage Ring/Gas Target Experiment. AIP Conference Proceedings, 2003, , .	0.3	1
150	Revealing the non-s ² contributions in the momentum wave function of ground-state He. Europhysics Letters, 2003, 62, 477-483.	0.7	30
151	Double-to-Single Target Ionization Ratio for Electron Capture in Fastp-He Collisions. Physical Review Letters, 2002, 89, 163201.	2.9	36
152	Static over-the-barrier model for electron transfer between metallic spherical objects. Physical Review A, 2002, 66, .	1.0	55
153	Experimental investigation of the asymptotic momentum wave function of the He ground state. AIP Conference Proceedings, 2002, , .	0.3	4
154	Nonfragmenting charge transfer in slow peripheral C60q+âˆ’C60collisions. Physical Review A, 2001, 63, .	1.0	13
155	The Aarhus warm EBIS storage ring injection program. AIP Conference Proceedings, 2001, , .	0.3	1
156	Electron impact single detachment on the F ⁻ ions using the heavy ion storage ring CRYRING: Cross-section determination. European Physical Journal D, 2001, 13, 323-328.	0.6	8
157	Conetrap: A compact electrostatic ion trap. Nuclear Instruments & Methods in Physics Research B, 2001, 173, 523-527.	0.6	88
158	Electron Scattering on CN ⁻ . Physica Scripta, 2001, 64, 467-473.	1.2	5
159	Electron-impact detachment and dissociation of C4 ^{âˆ’} ions. Journal of Chemical Physics, 2001, 115, 10671-10677.	1.2	12
160	Stabilization of electrons on Arq ⁺ ions after slow collisions with C60. Physical Review A, 2001, 63, .	1.0	18
161	Lifetime measurements for metastable He like ions. , 2000, 127, 247-250.		5
162	Electronic response of C60in slow collisions with highly charged ions. Physical Review A, 2000, 61, .	1.0	91

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163	Electronic excitation in $H^+ + C_{60}$ collisions: Evaporation and ionization. <i>Physical Review A</i> , 2000, 62, .	1.0	60
164	Absolute and total electron-capture cross sections in slow $Ar^q + C_{60}$ collisions. <i>Physical Review A</i> , 2000, 63, .	1.0	16
165	Collisional deexcitation of metastable ions: A new technique to separate radiative and nonradiative contributions. , 1999, , .		0
166	Electron collisions with diatomic anions. <i>Physical Review A</i> , 1999, 60, 2882-2899.	1.0	53
167	Thermionic emission laser spectroscopy of stored C_{60}^- . <i>European Physical Journal D</i> , 1999, 9, 351-354.	0.6	12
168	Absolute rates for radiative and non-radiative collisional deexcitation of metastable He^+ (2s) in targets of variable polarizability. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1999, 154, 83-89.	0.6	0
169	Highly Charged Ions colliding with Atoms, Surfaces and Clusters. <i>Physica Scripta</i> , 1999, T80, 46.	1.2	9
170	Status Report on the Internal Gas-Jet Target for the Heavy-Ion Storage Ring CRYRING. <i>Physica Scripta</i> , 1999, T80, 527.	1.2	1
171	Angular Differential Cross Sections and Mean Energy Gain for Single- and Multiple-Electron Capture in Slow $Ar^{8+} + C_{60}$ Collisions. <i>Physica Scripta</i> , 1999, T80, 203.	1.2	0
172	Radiative and Nonradiative Collisional Deexcitation of Metastable Hydrogen-like Ions. <i>Physica Scripta</i> , 1999, T80, 403.	1.2	0
173	Electron capture and energy loss in ~ 100 keV collisions of atomic and molecular ions on C_{60} . <i>International Journal of Mass Spectrometry</i> , 1998, 177, 51-62.	0.7	68
174	Method for determining absolute partial cross sections for radiative and nonradiative deexcitation of metastable hydrogenlike ions. <i>Physical Review A</i> , 1998, 58, 2887-2894.	1.0	4
175	Absolute rates for radiative and nonradiative collisional deexcitation of metastable $He^+(2s)$ ions. <i>Physical Review A</i> , 1998, 57, R4082-R4085.	1.0	3
176	Complete Branching Ratios for the Dissociative Recombination of H_2O^+ , H_3O^+ , and		

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181	Electron-Impact Detachment of D^{∞} : Near-Threshold Behavior and the Nonexistence of D_2^{∞} Resonances. <i>Physical Review Letters</i> , 1995, 74, 892-895.	2.9	81
182	High-precision measurement of the magnetic-dipole decay rate of metastable heliumlike carbon ions in a storage ring. <i>Physical Review Letters</i> , 1994, 72, 1616-1619.	2.9	97
183	Radiative recombination with highly charged Si^{6+} and Si^{11+} ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992, 25, 277-283.	0.6	10
184	Dielectronic recombination with $\Delta n=0$ and $\Delta n=1$ core excitations and radiative recombination for C-like F^{3+} ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1992, 25, 3165-3174.	0.6	8
185	State-selective measurements and calculations of dielectronic recombination with Li-like N^{4+} , F^{6+} , and Si^{11+} ions. <i>Physical Review A</i> , 1992, 45, 6332-6338.	1.0	25
186	Absolute measurements and calculations of dielectronic recombination with metastable He-like N, F, and Si ions. <i>Physical Review A</i> , 1992, 45, 7868-7875.	1.0	20
187	Dielectronic recombination of light Be-like and B-like ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1991, 24, 4441-4452.	0.6	22