

Ronnie Hoekstra

List of Publications by Year in descending order

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283
papers

5,436
citations

71102

41
h-index

161849

54
g-index

286
all docs

286
docs citations

286
times ranked

2117
citing authors

#	ARTICLE	IF	CITATIONS
19	The missing single-scattering peak in tin ion collisions on Mo and Ru targets. Journal of Physics: Conference Series, 2020, 1412, 202019.	0.4	1
20	Time- and space-resolved optical Stark spectroscopy in the afterglow of laser-produced tin-droplet plasma. Physical Review E, 2020, 102, 013204.	2.1	6
21	Single-collision scattering of keV-energy Kr ions off a polycrystalline Cu surface. Nuclear Instruments & Methods in Physics Research B, 2020, 482, 58-63.	1.4	2
22	Prominent radiative contributions from multiply-excited states in laser-produced tin plasma for nanolithography. Nature Communications, 2020, 11, 2334.	12.8	68
23	Atomic hydrogen interactions with small polycyclic aromatic hydrocarbons cations. European Physical Journal D, 2020, 74, 1.	1.3	3
24	Spectroscopic investigations of YAG-laser-driven microdroplet-tin plasma sources of extreme ultraviolet radiation for nanolithography. Journal of Physics: Conference Series, 2020, 1412, 192006.	0.4	0
25	EUV spectroscopy of highly charged Sn^{21+} in an electron-beam ion trap. Physical Review A, 2020, 101, .	2.1	21
26	Solar wind charge exchange in cometary atmospheres. Astronomy and Astrophysics, 2020, 640, C3.	5.1	4
27	Solid-State-Laser-Produced Microdroplet-Tin Plasma Sources of Extreme Ultraviolet Radiation. , 2020, , .		0
28	Efficient Generation of Extreme Ultraviolet Light From Nd^{21+} :YAG-Driven Microdroplet-Tin Plasma. Physical Review Applied, 2019, 12, .	3.8	45
29	Roadmap on photonic, electronic and atomic collision physics: II. Electron and antimatter interactions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 171002.	1.5	22
30	Hole Migration in Telomere-Based Oligonucleotide Anions and G-Quadruplexes. Chemistry - A European Journal, 2019, 25, 16114-16119.	3.3	7
31	Solar wind charge exchange in cometary atmospheres. Astronomy and Astrophysics, 2019, 630, A36.	5.1	11
32	Radiation transport and scaling of optical depth in Nd:YAG laser-produced microdroplet-tin plasma. Applied Physics Letters, 2019, 115, 124101.	3.3	25
33	The Sequence of Coronene Hydrogenation Revealed by Gas-phase IR Spectroscopy. Astrophysical Journal, 2019, 875, 27.	4.5	20
34	Charge-Exchange Emission from Hydrogen-Like Carbon Ions Colliding with Water Molecules. Atoms, 2019, 7, 17.	1.6	4
35	Solar wind charge exchange in cometary atmospheres. Astronomy and Astrophysics, 2019, 630, A37.	5.1	21
36	Solar wind charge exchange in cometary atmospheres. Astronomy and Astrophysics, 2019, 630, A35.	5.1	14

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37	An empirical analysis of alleged misunderstandings of coefficient alpha. <i>International Journal of Social Research Methodology: Theory and Practice</i> , 2019, 22, 351-364.	4.4	52
38	Soft X-ray Spectroscopy as a Probe for Gas-phase Protein Structure: Electron Impact Ionization from Within. <i>Chemistry - A European Journal</i> , 2018, 24, 7631-7636.	3.3	23
39	Short-wavelength out-of-band EUV emission from Sn laser-produced plasma. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2018, 51, 045005.	1.5	27
40	Power-law scaling of plasma pressure on laser-ablated tin microdroplets. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	37
41	Sn ion energy distributions of ns- and ps-laser produced plasmas. <i>Plasma Sources Science and Technology</i> , 2018, 27, 045001.	3.1	20
42	Energy-level structure of Sn^{2+} . <i>Physical Review A</i> , 2018, 98, .	2.5	7
43	Expansion Dynamics after Laser-Induced Cavitation in Liquid Tin Microdroplets. <i>Physical Review Applied</i> , 2018, 10, .	3.8	30
44	Near-Edge Soft X-ray Absorption Mass Spectrometry of Protonated Melittin. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 2138-2151.	2.8	6
45	Controlling ion kinetic energy distributions in laser produced plasma sources by means of a picosecond pulse pair. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	13
46	Atomic hydrogen interactions with gas-phase coronene cations: hydrogenation versus fragmentation. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22427-22438.	2.8	22
47	Physics of Laser-Produced Plasma Sources of Extreme Ultraviolet Radiation. , 2018, , .		0
48	Cavitation-induced expansion dynamics of tin microdroplet target in EUV light sources. , 2018, , .		0
49	Ion distribution and ablation depth measurements of a fs-ps laser-irradiated solid tin target. <i>Journal of Applied Physics</i> , 2017, 121, 103301.	2.5	10
50	Optical spectroscopy of complex open-shell ions Sn^{2+} . <i>Physical Review A</i> , 2017, 95, .	2.5	37
51	Single-photon absorption of isolated collagen mimetic peptides and triple-helix models in the VUV-X energy range. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 18321-18329.	2.8	11
52	Radical-driven processes within a peptidic sequence of type I collagen upon single-photon ionisation in the gas phase. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 22895-22904.	2.8	17
53	A comparative VUV absorption mass-spectroscopy study on protonated peptides of different size. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 20608-20618.	2.8	14
54	Video instruction with explanation to another person for intellectually disabled students. <i>Journal of Computer Assisted Learning</i> , 2017, 33, 606-620.	5.1	1

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55	Statistical Reasoning Ability, Self-Efficacy, and Value Beliefs in a Reform Based University Statistics Course. <i>Electronic Journal of Research in Educational Psychology</i> , 2017, 9, 49-72.	0.6	7
56	The sequence to hydrogenate coronene cations: A journey guided by magic numbers. <i>Scientific Reports</i> , 2016, 6, 19835.	3.3	46
57	Multiple Ionization of Free Ubiquitin Molecular Ions in Extreme Ultraviolet Free-Electron Laser Pulses. <i>Angewandte Chemie</i> , 2016, 128, 10899-10903.	2.0	0
58	Analysis of the fine structure of Sn^{2+} by optical spectroscopy in an electron-beam ion trap. <i>Physical Review A</i> , 2016, 94, .	2.5	41
59	Plasma Propulsion of a Metallic Microdroplet and its Deformation upon Laser Impact. <i>Physical Review Applied</i> , 2016, 6, .	3.8	72
60	Multiple Ionization of Free Ubiquitin Molecular Ions in Extreme Ultraviolet Free-Electron Laser Pulses. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10741-10745.	13.8	13
61	Near edge X-ray absorption mass spectrometry of gas phase proteins: the influence of protein size. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 26213-26223.	2.8	34
62	An intense electrospray ionization source for soft X-ray photoionization of gas phase protein ions. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112083.	0.4	2
63	H_2 formation on PAHs in photodissociation regions: a high-temperature pathway to molecular hydrogen. <i>Astronomy and Astrophysics</i> , 2015, 579, A72.	5.1	46
64	Near edge X-ray absorption mass spectrometry on coronene. <i>Journal of Chemical Physics</i> , 2015, 142, 024308.	3.0	15
65	Electron capture and deprotonation processes observed in collisions between Xe and multiply protonated cytochrome c. <i>Physical Review A</i> , 2014, 89, .	2.5	9
66	Role of electron saddle swaps in the photon spectra following Li^{3+} charge-exchange collisions with H. <i>Physical Review A</i> , 2014, 89, .		

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73	Angular differential studies of electron transfer in collisions of He-like ions with Na(3s): The role of electron saddle crossings. <i>Physical Review A</i> , 2013, 87, .	2.5	6
74	Fragmentation of protonated oligonucleotides by energetic photons and C $^{6+}$ ions. <i>Physical Review A</i> , 2013, 87, .	2.5	33
75	Oscillatory patterns in angular differential ion-atom charge exchange cross sections: The role of electron saddle swaps. , 2013, , .		1
76	Ion-atom polycyclic aromatic hydrocarbon collisions: kinetic energy releases for specific fragmentation channels. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 245201.	1.5	22
77	Towards imaging of ultrafast molecular dynamics using FELs. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2013, 46, 164029.	1.5	22
78	Areal density effects on the blocking of 3-keV Ne $^{7+}$ ions guided through nanocapillaries in polymers. <i>Physical Review A</i> , 2013, 88, .	2.5	15
79	Action Spectroscopy of Gas-Phase Peptide Ions with Energetic Photons. <i>Physical Chemistry in Action</i> , 2013, , 209-226.	0.6	1
80	Evidence of electron saddle swap oscillations in angular differential ion-atom charge exchange cross sections. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 175201.	1.5	9
81	Kinetic-energy-driven enhancement of secondary-electron yields of highly charged ions impinging on thin films of C 60 on Au. <i>Physical Review A</i> , 2012, 86, .	2.5	1
82	Influence of the environment on the fragmentation of amino acids provoked by low-energy ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 102052.	0.4	0
83	Dynamics of ion guiding through nanocapillaries in insulating polymers. <i>Journal of Physics: Conference Series</i> , 2012, 388, 012049.	0.4	2
84	Interaction of nucleobase clusters with multiply charged ions: Insight into base pairing. <i>Journal of Physics: Conference Series</i> , 2012, 388, 102050.	0.4	0
85	Electron transfer and ionization in collisions of He-like ions with Na(3s) and Na(3p). <i>Journal of Physics: Conference Series</i> , 2012, 388, 082024.	0.4	0
86	Length effects in VUV photofragmentation of protonated peptides. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4351.	2.8	21
87	State-selective electron transfer and ionization in collisions of highly charged ions with ground-state Na(3s) and laser-excited Na $^*(3p)$. <i>Physical Review A</i> , 2012, 85, .	2.5	11
88	Near-Edge X-ray Absorption Mass Spectrometry of a Gas-Phase Peptide. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10745-10751.	2.5	44
89	HYDROGENATION OF PAH CATIONS: A FIRST STEP TOWARD H $_2$ FORMATION. <i>Astrophysical Journal Letters</i> , 2012, 761, L33.	8.3	36
90	Activation energies for fragmentation channels of anthracene dication $^{2+}$ experiment and theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 215201.	1.5	20

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91	Cometary charge exchange diagnostics in UV and X-ray. <i>Astronomische Nachrichten</i> , 2012, 333, 335-340.	1.2	5
92	Photodissociation of protonated leucine-enkephalin in the VUV range of 8–40 eV. <i>Journal of Chemical Physics</i> , 2011, 134, 024314.	3.0	77
93	Heavy ion induced damage to plasmid DNA: plateau region vs. spread out Bragg-peak. <i>European Physical Journal D</i> , 2011, 63, 359-367.	1.3	18
94	Ion-Induced Fragmentation of Amino Acids: Effect of the Environment. <i>ChemPhysChem</i> , 2011, 12, 930-936.	2.1	44
95	Fast side-chain losses in keV ion-induced dissociation of protonated peptides. <i>International Journal of Mass Spectrometry</i> , 2011, 299, 64-70.	1.5	24
96	Electron emission yields from boron-like Ar ions impinging on Au(100). <i>Nuclear Instruments & Methods in Physics Research B</i> , 2011, 269, 1203-1207.	1.4	5
97	n-Selective Single Capture Following Xe[¹⁸⁺] And Xe[⁵⁴⁺] Impact On Na(3s) And Na ⁺ (3p). , 2011, , .		0
98	Highly-charged-ion-induced electron emission from C ₆₀ thin films. <i>Physical Review A</i> , 2011, 84, .	2.5	6
99	Evidence of blocking effects on 3-keV Ne ⁷⁺ ions guided through nanocapillaries in polycarbonates. <i>Physical Review A</i> , 2011, 83, .	2.5	47
100	IONIZATION AND FRAGMENTATION OF ANTHRACENE UPON INTERACTION WITH keV PROTONS AND α PARTICLES. <i>Astrophysical Journal</i> , 2010, 708, 435-444.	4.5	61
101	Plasmid DNA damage by heavy ions at spread-out Bragg peak energies. <i>European Physical Journal D</i> , 2010, 60, 51-58.	1.3	9
102	Guided transmission of 3-keV Ne ⁷⁺ ions through nanocapillaries in insulating polymers: Dependence on the capillary diameter. <i>Physical Review A</i> , 2010, 82, .	2.5	36
103	Isotope effects on the charge transfer into n=1, 2, and 3 shells of He ²⁺ in collisions with H, D, and T. <i>Physical Review A</i> , 2010, 81, .	2.5	18
104	Peptide fragmentation by keV ion-induced dissociation. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 3376.	2.8	39
105	Guided transmission of Ne ⁷⁺ ions through nanocapillaries in insulating polymers: Scaling laws for projectile energies up to 50 keV. <i>Physical Review A</i> , 2009, 79, .	2.5	42
106	Dynamic properties of ion guiding through nanocapillaries in an insulating polymer. <i>Physical Review A</i> , 2009, 79, .	2.5	64
107	Time evolution of ion guiding through nanocapillaries in a PET polymer. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 669-673.	1.4	8
108	Atomic electron energy spectra of slow He ²⁺ ions impinging on metallic surfaces. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2009, 267, 594-597.	1.4	2

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109	Kinetic energy releases of small amino acids upon interaction with keV ions. European Physical Journal D, 2009, 51, 81-87.	1.3	26
110	Stability of pure, mixed and nanohydrated clusters of small biomolecules. Journal of Physics: Conference Series, 2009, 194, 102031.	0.4	0
111	Interactions of multiply charged ions with trapped complex biomolecular ions. Journal of Physics: Conference Series, 2009, 194, 102006.	0.4	0
112	Ion induced fragmentation of biomolecular systems at low collision energies. Journal of Physics: Conference Series, 2009, 194, 012048.	0.4	3
113	Fragmentation and ionization dynamics of polycyclic aromatic hydrocarbons. Journal of Physics: Conference Series, 2009, 194, 102003.	0.4	0
114	Role of charge patches in ion guiding through nanocapillaries in a PET polymer. Journal of Physics: Conference Series, 2009, 194, 132031.	0.4	0
115	HITRAP " a facility for experiments on heavy highly charged ions and on antiprotons. Journal of Physics: Conference Series, 2009, 194, 142007.	0.4	3
116	Precise Determination of 2DeoxyD Ribose Internal Energies after keV Proton Collisions. ChemPhysChem, 2008, 9, 1254-1258.	2.1	35
117	Collision induced fragmentation of free sulfur clusters. International Journal of Mass Spectrometry, 2008, 277, 197-205.	1.5	7
118	Fragmentation of isolated and nanosolvated biomolecular systems. , 2008, , .		2
119	Fragmentation of $\hat{1}\pm$ - and $\hat{1}^2$ -alanine molecules by ions at Bragg-peak energies. Journal of Chemical Physics, 2008, 128, 074306.	3.0	41
120	Single-electron capture in keV Ar^{15+} $\{18+\}$ He collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2008, 41, 195203.	1.5	16
121	Laser-frequency locking using light-pressure-induced spectroscopy in a calcium beam. Physical Review A, 2008, 77, .	2.5	2
122	Isomeric effects in ion-induced fragmentation of $\hat{1}\pm$ - and $\hat{1}^2$ -alanine. Journal of Physics: Conference Series, 2008, 101, 012006.	0.4	3
123	Interactions of neutral and singly charged keV atomic particles with gas-phase adenine molecules. Journal of Chemical Physics, 2007, 127, 034301.	3.0	42
124	Electron capture in collisions between O^{6+} and H_2 . Journal of Physics: Conference Series, 2007, 101, 012006.	2.5	22
125	Enormous Isotope Effects on Charge Transfer in Slow Collisions of He^{2+} with H, D, and T. AIP Conference Proceedings, 2007, , .	0.4	0
126	State selective capture by highly charged Xe ions. Journal of Physics: Conference Series, 2007, 58, 199-202.	0.4	9

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127	Strong Isotope Effects on the Charge Transfer in Slow Collisions of He ²⁺ with Atomic Hydrogen, Deuterium, and Tritium. <i>Physical Review Letters</i> , 2007, 99, 103201.	7.8	29
128	Spectral analysis of the Chandracomet survey. <i>Astronomy and Astrophysics</i> , 2007, 469, 1183-1195.	5.1	85
129	Investigation of spin-polarized surfaces with multiple electron capture spectroscopy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 258, 125-129.	1.4	4
130	Chandra observations of Comet 9P/Tempel 1 during the Deep Impact campaign. <i>Icarus</i> , 2007, 191, 295-309.	2.5	6
131	Chandra observations of Comet 9P/Tempel 1 during the Deep Impact campaign. <i>Icarus</i> , 2007, 190, 391-405.	2.5	16
132	Quantification of ion-induced molecular fragmentation of isolated 2-deoxy-d-ribose molecules. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 1922-1928.	2.8	64
133	Ion-induced ionization and fragmentation of DNA building blocks. <i>Physica Scripta</i> , 2006, 73, C113-C117.	2.5	27
134	Charge Exchange Emission from Solar Wind Helium Ions. <i>Astrophysical Journal</i> , 2006, 642, 593-605.	4.5	50
135	Atom Trap Trace Analysis of Ca Isotopes. <i>Hyperfine Interactions</i> , 2006, 162, 167-172.	0.5	3
136	Ion-Induced Biomolecular Radiation Damage: From Isolated Nucleobases to Nucleobase Clusters. <i>ChemPhysChem</i> , 2006, 7, 2339-2345.	2.1	82
137	Identification of distinct two-electron transfer processes in O ⁶⁺ + Na collisions. <i>Europhysics Letters</i> , 2006, 74, 992-998.	2.0	4
138	Single ionization of Na(3s) and Na*(3p) by low energy ion impact. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 2021-2029.	1.5	5
139	Multielectron removal processes in He ²⁺ + Na collisions. <i>Physical Review A</i> , 2006, 73, .	2.5	1
140	Probing local spin ordering at surfaces by He ²⁺ ions. <i>Physical Review A</i> , 2006, 74, .	2.5	17
141	Local Spin Polarization at Surfaces Probed by Hollow Atoms. <i>Physical Review Letters</i> , 2006, 96, 177601.	7.8	17
142	PROBING THE SOLAR WIND WITH COMETARY X-RAY AND FAR-ULTRAVIOLET EMISSION. , 2006, , .		0
143	Atom Trap Trace Analysis of Ca Isotopes. , 2006, , 167-172.		0
144	Chandra Observations of Comet 2P/Encke 2003: First Detection of a Collisionally Thin, Fast Solar Wind Charge Exchange System. <i>Astrophysical Journal</i> , 2005, 635, 1329-1347.	4.5	44

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145	Experimental observation of reduced electronic stopping in photo-excited C60. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, L55-L62.	1.5	2
146	Surface spin polarization in Fe(110) and Ni(110). Nuclear Instruments & Methods in Physics Research B, 2005, 230, 356-360.	1.4	6
147	Transfer of spin polarization in ion-surface scattering. Nuclear Instruments & Methods in Physics Research B, 2005, 232, 1-7.	1.4	10
148	Ion-biomolecule interactions and radiation damage. Nuclear Instruments & Methods in Physics Research B, 2005, 233, 62-69.	1.4	36
149	Fingerprints of charge exchange between He ²⁺ and water molecules. Nuclear Instruments & Methods in Physics Research B, 2005, 235, 358-361.	1.4	4
150	Probing the interaction between comets and the solar wind. , 2005, , .		0
151	State selective single-electron capture in O ⁶⁺ Na collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 3163-3172.	1.5	13
152	Single-atom detection of calcium isotopes by atom-trap trace analysis. Physical Review A, 2005, 71, .	2.5	15
153	Charge exchange and dissociative processes in collisions of slow He ²⁺ ions with H ₂ O molecules. Physical Review A, 2005, 71, .	2.5	33
154	Response of Polyatomic Molecules to Ultrastrong Laser- and Ion-Induced Fields. Physical Review Letters, 2005, 94, 233001.	7.8	22
155	Dissociation of water molecules upon keV H ⁺ and He ^{q+} -induced ionization. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 4085-4094.	1.5	52
156	Inner- and outer-shell electron dynamics in proton collisions with sodium atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 2353-2369.	1.5	61
157	Single ionization and electron capture in He ²⁺ +Na collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 1987-1998.	1.5	17
158	X-Ray and Far-Ultraviolet Emission from Comets: Relevant Charge Exchange Processes. Physica Scripta, 2004, 70, C17-C20.	2.5	8
159	Direct observation of pure one-electron capture from the target inner shell in low-energy p+Na collisions. Physical Review A, 2004, 70, .	2.5	8
160	Charge driven fragmentation of biologically relevant molecules. International Journal of Mass Spectrometry, 2004, 233, 173-179.	1.5	45
161	Ionization and Fragmentation Modes of Nucleobases after Collisions with Multiply Charged Ions. Physica Scripta, 2004, 110, 336.	2.5	25
162	Catching Some Sun: Probing the Solar Wind with Cometary X-Ray and Far-Ultraviolet Emission. Astrophysical Journal, 2004, 606, L81-L84.	4.5	45

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163	Multiple ionization and fragmentation of the DNA base thymine by interaction with C ^{q+} ions. European Physical Journal D, 2003, 24, 161-164.	1.3	42
164	Multi-electron processes in slow He ²⁺ - Na collisions measured with MOTRIMS. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 560-567.	1.4	10
165	TRIP - a radioactive isotope trapping facility under construction at KVI. Nuclear Instruments & Methods in Physics Research B, 2003, 204, 532-535.	1.4	8
166	TRIP - A radioactive isotope trapping facility at KVI. Nuclear Physics A, 2003, 721, C1107-C1110.	1.5	4
167	TRIP - trapped radioactive isotopes: microlaboratories for fundamental physics. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 939-941.	0.4	1
168	Charge Driven Fragmentation of Nucleobases. Physical Review Letters, 2003, 91, 053401.	7.8	121
169	Photon Emission Spectroscopy of Electron Capture and Excitation by Multiply Charged Ions. , 2003, , 169-192.		1
170	TRIP - Trapped Radioactive Isotopes: microlaboratories for fundamental Physics. , 2003, , 939-941.		0
171	Charge Localization in Collision-Induced Multiple Ionization of van der Waals Clusters with Highly Charged Ions. Physical Review Letters, 2002, 88, 143401.	7.8	35
172	Cq-induced excitation and fragmentation of uracil: effects of the projectile electronic structure. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 4373-4381.	1.5	67
173	Recoil Momentum Spectroscopy of Highly Charged Ion Collisions on Magneto-Optically Trapped Na. Physical Review Letters, 2001, 87, 123202.	7.8	53
174	Projectile atomic-number effect on ion-induced fragmentation and ionization of fullerenes. Physical Review A, 2001, 63, .	2.5	40
175	Electronic stopping in ion-fullerene collisions. Applied Physics A: Materials Science and Processing, 2001, 72, 281-287.	2.3	9
176	Low-Energy State-Selective Charge Transfer by Multiply Charged Ions. Physical Review Letters, 2001, 86, 616-619.	7.8	31
177	HCI-Induced Ionization and Fragmentation of Fullerenes and Organic Molecules. Physica Scripta, 2001, T92, 51-56.	2.5	0
178	Molecular fragmentation by slow highly charged ion impact. Europhysics Letters, 2000, 49, 41-47.	2.0	16
179	Laser cooled targets and recoil ion momentum spectroscopy for fundamental physics studies. , 2000, 127, 533-536.		10
180	Hydrogenated carbon clusters produced by highly charged ion impact on solid. European Physical Journal D, 2000, 12, 323-327.	1.3	12

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181	Collisions of slow multicharged ions with atoms, molecules, clusters and surfaces. AIP Conference Proceedings, 2000, , .	0.4	0
182	State-selective electron-capture cross section measurements for low-energy collisions of He-like ions on H ₂ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 5275-5296.	1.5	36
183	Neutral beam stopping and emission in fusion plasmas I: deuterium beams. Plasma Physics and Controlled Fusion, 2000, 42, 781-806.	2.1	69
184	ZOscillations in Ion-Induced Fullerene Fragmentation. Physical Review Letters, 2000, 84, 4076-4079.	7.8	37
185	Sputtering of hollow atoms from carbon surfaces. Physical Review A, 2000, 62, .	2.5	8
186	Experimental Study of the Excitation Mechanisms in Heq ⁺ -Fullerene Collisions. Physica Scripta, 1999, T80, 207.	2.5	2
187	Strong Velocity Effects in Collisions of He ⁺ with Fullerenes. Physical Review Letters, 1999, 82, 73-76.	7.8	73
188	Five-body calculations of D ₂ fragmentation by Xe ¹⁹⁺ impact. Physical Review A, 1999, 60, 2112-2117.	2.5	13
189	Lithium excitation by slow H ⁺ and He ²⁺ ions. Physical Review A, 1999, 60, 4627-4634.	2.5	3
190	Electronic versus vibrational excitation in Heq ⁺ collisions with fullerenes. International Journal of Mass Spectrometry, 1999, 192, 245-257.	1.5	34
191	Hollow atom dynamics on thin-film covered surfaces. Nuclear Instruments & Methods in Physics Research B, 1999, 157, 304-308.	1.4	3
192	DATABASE FOR INELASTIC COLLISIONS OF LITHIUM ATOMS WITH ELECTRONS, PROTONS, AND MULTIPLY CHARGED IONS. Atomic Data and Nuclear Data Tables, 1999, 72, 239-273.	2.4	56
193	L-shell filling of N ₆ ⁺ and O ₇ ⁺ ions from a clean and LiF-covered Au(111) surface. Physical Review A, 1999, 60, 3800-3808.	2.5	4
194	Hollow Atom Dynamics on Thin Films. Physica Scripta, 1999, T80, 66.	2.5	2
195	Formation of hollow atoms at metal- and insulator surfaces. Applied Physics A: Materials Science and Processing, 1998, 67, 705-710.	2.3	1
196	Energy loss of keV He ²⁺ scattered off an Al(110) surface. Surface Science, 1998, 409, 541-552.	1.9	5
197	Spin-sensitive electron capture into excited states as a probe to investigate magnetic surfaces. Surface Science, 1998, 398, 84-90.	1.9	8
198	Hollow Atom Dynamics on LiF Covered Au(111): Role of the Surface Electronic Structure. Physical Review Letters, 1998, 81, 1219-1222.	7.8	30

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199	Collisions of with neutral : Charge transfer and fragmentation. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 1321-1331.	1.5	42
200	Charge exchange from D(n= 2) atoms to low-Zreceiver ions. Plasma Physics and Controlled Fusion, 1998, 40, 1541-1550.	2.1	46
201	State-selective electron-capture measurements forN4+-H andN4+-H2collisions. Physical Review A, 1998, 57, 221-226.	2.5	26
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