

Stefan Schippers

List of Publications by Year in descending order

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344
papers

6,596
citations

71102

41
h-index

106344

65
g-index

347
all docs

347
docs citations

347
times ranked

2110
citing authors

#	ARTICLE	IF	CITATIONS
1	X-ray emission associated with radiative recombination for Pb^{82} ions at threshold energies. Physical Review A, 2022, 105, .	2.5	8
2	Near K-edge Photoionization and Photoabsorption of Singly, Doubly, and Triply Charged Silicon Ions. Astrophysical Journal, 2022, 931, 100.	4.5	3
3	Non-dipole anisotropy parameters in the photoionization of Kr in the region of deep inner shell excitations. Journal of Electron Spectroscopy and Related Phenomena, 2022, 258, 147209.	1.7	1
4	Near L-edge Single and Multiple Photoionization of Doubly Charged Iron Ions. Astrophysical Journal, 2021, 908, 52.	4.5	17
5	Atomic Cascade Computations. Symmetry, 2021, 13, 520.	2.2	26
6	Direct double ionization of the Ar+ M shell by a single photon. Physical Review A, 2021, 103, .	2.5	3
7	Experimental studies on photoabsorption by endohedral fullerene ions with a focus on $Xe@C_{60}^{+}$ confinement resonances. Physica Scripta, 2021, 96, 064004.	2.5	6
8	Role of L -shell single and double core-hole production and decay in L -shell		

#	ARTICLE	IF	CITATIONS
19	Dielectronic recombination rate coefficients for F-like nickel. Journal of Physics: Conference Series, 2020, 1412, 232001.	0.4	0
20	Development of a detector to register low-energy, charge-changed ions from ionization experiments at CRYRING@ESR. Journal of Physics: Conference Series, 2020, 1412, 242003.	0.4	1
21	Ion thrusters for electric propulsion: Scientific issues developing a niche technology into a game changer. Review of Scientific Instruments, 2020, 91, 061101.	1.3	96
22	Hybrid subconfiguration-average and level-to-level distorted-wave treatment of electron-impact single ionisation of W^{15+} and W^{16+} . Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 175201.	1.5	5
23	Multiple Photodetachment of Carbon Anions via Single and Double Core-Hole Creation. Physical Review Letters, 2020, 124, 083203.	7.8	24
24	Electron-impact single ionisation of W^{14+} ions: subconfiguration-average and level-to-level distorted wave calculations. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 075201.	1.5	10
25	Multiple photodetachment of atomic anions via single and double core-hole creation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 192001.	1.5	5
26	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
27	Photoionization of tungsten ions: experiment and theory for W^{5+} . Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 195005.	1.5	5
28	Spin asymmetry in electron-impact ionization. Physical Review A, 2019, 100, .	2.5	6
29	Dielectronic recombination rate coefficients of fluorine-like nickel. Astronomy and Astrophysics, 2019, 627, A171.	5.1	10
30	Inner-shell X-ray absorption spectra of the cationic series NH_{y}^{z+} ($y = 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10$)	2.8	19
31	Roadmap on photonic, electronic and atomic collision physics: I. Light-matter interaction. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 171001.	1.5	52
32	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
33	Photoionization and photofragmentation of singly charged positive and negative Sc^{3+} and N^{3-} ions. Physical Review A, 2019, 99, .	2.5	20
34	Near L-edge Single and Multiple Photoionization of Triply Charged Iron Ions. Astrophysical Journal, 2019, 887, 189.	4.5	20
35	Electron-impact ionization of W^{5+} . Physical Review A, 2019, 100, .	2.5	26
36	Absorption spectra at the iodine 3d ionisation threshold following the CH_{x}^{y+} ($x = 0, 1, 2, 3$) cation sequence. Physical Chemistry Chemical Physics, 2019, 21, 25415-25424.	2.8	5

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37	Resonant and nonresonant indirect electron-impact single ionization of beryllium-like carbon ions via K-shell excitation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 035202.	1.5	2
38	PAMOP2: Towards Exascale Computations Supporting Experiments and Astrophysics. , 2019, , 37-61.		2
39	Dielectronic and Trielectronic Recombination Rate Coefficients of Be-like Ar $14+$. Astrophysical Journal, Supplement Series, 2018, 235, 2.	7.7	31
40	Indirect contributions to electron-impact ionization of Li+ ($1s2sS13$) ions: Role of intermediate double- K -vacancy states. Physical Review A, 2018, 97, .	2.5	9
41	Photoabsorption of the molecular IH cation at the iodine K -edge. Physical Review A, 2018, 97, .	2.5	9
42	PAMOP: Large-Scale Calculations Supporting Experiments and Astrophysical Applications. , 2018, , 37-59.		2
43	Near K -edge single, double, and triple photoionization of K ions.	2.5	20
44	Near K -Edge Double and Triple Detachment of the K ions.	7.8	15
45	Photoabsorption of the molecular K cation at the iodine K -edge. Physical Review A, 2018, 97, .		

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55	Photoionisation of Ca ⁺ ions in the valence-energy region 20–56 eV: experiment and theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 205001.	1.5	3
56	Near L-edge Single and Multiple Photoionization of Singly Charged Iron Ions. <i>Astrophysical Journal</i> , 2017, 849, 5.	4.5	39
57	Photoionization and photofragmentation of $\text{Sc}_{3}\text{N@C}_{80}^{+}$ at energies from the carbon K edge to the scandium L and nitrogen K edges. <i>Journal of Physics: Conference Series</i> , 2017, 875, 032033.	0.4	0
58	Photoionization of Ne ⁺ ions and Ne atoms near the K edge. <i>Journal of Physics: Conference Series</i> , 2017, 875, 022044.	0.4	0
59	Photoionization and photofragmentation of $\text{Lu}_{3}\text{N@C}_{80}^{q+}$ ions (q = 1,2,3). <i>Journal of Physics: Conference Series</i> , 2017, 875, 032034.	0.4	0
60	Photorecombination of berylliumlike and boronlike silicon ions. <i>Journal of Physics: Conference Series</i> , 2017, 875, 052005.	0.4	0
61	Developments towards a transverse free-electron target for the storage ring CRYRING@ESR. <i>Journal of Physics: Conference Series</i> , 2017, 875, 052040.	0.4	1
62	APPA R&D “BMBF collaborative research at FAIR. <i>Journal of Physics: Conference Series</i> , 2017, 875, 092001.	0.4	0
63	Multi-electron processes in K-shell double and triple photodetachment of oxygen anions. <i>Journal of Physics: Conference Series</i> , 2017, 875, 022004.	0.4	0
64	Commissioning of a high-power electron gun for electron-ion crossed-beams experiments. <i>Journal of Physics: Conference Series</i> , 2017, 875, 052037.	0.4	0
65	Inner-Shell Ionization and Fragmentation of Isolated Endohedral Fullerene Ions by XUV Radiation. <i>Condensed Matter</i> , 2016, 1, 6.	1.8	1
66	The cryogenic storage ring CSR. <i>Review of Scientific Instruments</i> , 2016, 87, 063115.	1.3	67
67	Physics book: CRYRING@ESR. <i>European Physical Journal: Special Topics</i> , 2016, 225, 797-882.	2.6	101
68	Electron-impact single ionization of W^{19+} ions. <i>Physical Review A</i> , 2016, 93, .	2.5	20
69	Photoionization and photofragmentation of the C_{60}^{25+} ion. <i>Physical Review A</i> , 2016, 93, .	2.5	12
70	Strong asymmetry of the electron-loss-to-continuum cusp of multielectron W^{28+} in near-relativistic collisions with gaseous targets. <i>Physical Review A</i> , 2016, 93, .	2.5	11
71	Recombination of W^{19+} with electrons: Absolute rate coefficients from a storage-ring experiment and from theoretical calculations. <i>Physical Review A</i> , 2016, 93, .	2.5	21
72	Storage ring cross section measurements for electron impact ionization of Fe ⁸⁺ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 084006.	1.5	6

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73	Prominent role of multielectron processes in K -shell double and triple photodetachment of oxygen anions. <i>Physical Review A</i> , 2016, 94, .	2.5	28
74	Photoionisation of ions with synchrotron radiation: from ions in space to atoms in cages. <i>Contemporary Physics</i> , 2016, 57, 215-229.	1.8	51
75	Absolute rate coefficients for photorecombination of beryllium-like and boron-like silicon ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 074004.	1.5	5
76	Photoionization of tungsten ions: experiment and theory for W^{2+} and W^{3+} . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 065201.	1.5	14
77	PAMOP Project: Petaflop Computations in Support of Experiments. , 2016, , 51-74.		6
78	PAMOP Project: Computations in Support of Experiments and Astrophysical Applications. , 2016, , 33-48.		3
79	APPA at FAIR: From fundamental to applied research. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2015, 365, 680-685.	1.4	41
80	Photoionization and photofragmentation of multiply charged Lu^{3+} ions. <i>Physical Review A</i> , 2015, 92, .	2.5	46
81	Experimental concepts of positron spectroscopy at HESR. <i>Physica Scripta</i> , 2015, T166, 014026.	2.5	5
82	9th International Conference on Atomic and Molecular Data and Their Applications. <i>Physica Scripta</i> , 2015, 90, 050201.	2.5	0
83	Forward-angle electron spectroscopy in heavy-ion atom collisions studied at the ESR. <i>Journal of Physics: Conference Series</i> , 2015, 635, 022005.	0.4	0
84	Electron-impact ionization of tungsten ions. <i>Journal of Physics: Conference Series</i> , 2015, 635, 052040.	0.4	0
85	Simultaneous measurement of photorecombination and electron-impact ionization of Fe^{14+} ions. <i>Journal of Physics: Conference Series</i> , 2015, 635, 052002.	0.4	0
86	Photoionization and photofragmentation of multiply charged $Lu^{3+}N@C_{80}$ ions. <i>Journal of Physics: Conference Series</i> , 2015, 635, 112120.	0.4	0
87	A lepton spectrometer for studies of fundamental atomic processes at HESR at FAIR. <i>Journal of Physics: Conference Series</i> , 2015, 635, 022087.	0.4	0
88	The cryogenic storage ring CSR for collision experiments with state-controlled and phase-space cooled molecular ion beams. <i>Journal of Physics: Conference Series</i> , 2015, 635, 072059.	0.4	1
89	Stepwise contraction of the nf Rydberg shells in the 3d photoionization of multiply-charged xenon ions. <i>Journal of Physics: Conference Series</i> , 2015, 635, 092002.	0.4	0
90	Electron-ion recombination of the open-4f-shell ion W^{19+} . <i>Journal of Physics: Conference Series</i> , 2015, 635, 052003.	0.4	0

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91	Observation of four-electron Auger processes. Journal of Physics: Conference Series, 2015, 635, 012033.	0.4	2
92	Observation of four-electron Auger processes. Journal of Physics: Conference Series, 2015, 635, 092101.	0.4	1
93	Single-photon single ionization of W^{n+} ions: experiment and theory. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 235203.	1.5	19
94	Ab-Initio Calculations of Level Energies, Oscillator Strengths and Radiative Rates for E1 Transitions in Beryllium-Like Iron. Atoms, 2015, 3, 2-52.	1.6	7
95	Stepwise contraction of the n Rydberg shells in the 3d photoionization of multiply-charged xenon ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144003.	1.5	12
96	Spectroscopy of berylliumlike xenon ions using dielectronic recombination. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144008.	1.5	20
97	Storage-ring experiments on dielectronic recombination at the interface of atomic and nuclear physics. Physica Scripta, 2015, T166, 014022.	2.5	15
98	High-resolution dielectronic recombination experiments at the upcoming CRYRING@ESR facility. Journal of Physics: Conference Series, 2015, 635, 022084.	0.4	1
99	STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF Fe^{7+} . Astrophysical Journal, 2015, 813, 16.	4.5	12
100	Electron emission spectra of U^{28+} ions colliding with gaseous targets. Journal of Physics: Conference Series, 2015, 635, 022049.	0.4	1
101	Electron-ion merged-beam experiments at heavy-ion storage rings. Nuclear Instruments & Methods in Physics Research B, 2015, 350, 61-65.	1.4	31
102	Electron-ion collision spectroscopy: Lithium-like xenon ions. Physical Review A, 2015, 91, .	2.5	19
103	Observation of a Four-Electron Auger Process in Near- K -Edge Photoionization of Singly Charged Carbon Ions. Physical Review Letters, 2015, 114, 013002.	7.8	63
104	Plasma rate coefficients for electron-impact ionization of Xe^{q+} ions ($q = 8, 17$). Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 035203.	1.5	8
105	An efficient, movable single-particle detector for use in cryogenic ultra-high vacuum environments. Review of Scientific Instruments, 2015, 86, 023303.	1.3	13
106	Electron-capture-to-continuum cusp in U^{20+} . Physical Review A, 2015, 91, .	2.5	20
107	Electron-impact ionization of Xe^{24+} . Theory versus experiment. Physical Review A, 2015, 92, .	2.4	4
108	Direct and indirect processes in electron-impact ionization of $1s^2 1S_0$ ground-state and $1s2s 3S_1$ metastable He-like N^{5+} ions. Journal of Physics: Conference Series, 2014, 488, 062024.	0.4	0

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109	Dielectronic recombination of berylliumlike Si10+ions at the heavy-ion storage ring TSR. Journal of Physics: Conference Series, 2014, 488, 062012.	0.4	0
110	Absolute cross sections for photoionization of Xe ^{q+} ions ($1 \leq q \leq 5$) at the 3d _{1.5} ionization threshold. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 115602.	1.5	51
111	High-power electron gun for electron-ion crossed-beams experiments. Journal of Physics: Conference Series, 2014, 488, 142007.	0.4	3
112	Absolute rate coefficients for photorecombination and electron-impact ionization of magnesiumlike iron ions from measurements at a heavy-ion storage ring. Physical Review A, 2014, 90, .	2.5	15
113	Radiative-electron-capture-to-continuum cusp in U88++N2 collisions and the high-energy endpoint of electron-nucleus bremsstrahlung. Physical Review A, 2014, 90, .	2.5	25
114	<p>in electron-impact single ionization of metastable two-electron</p> <p> $N \times \dots$ </p>		

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127	Dielectronic recombination of boronlike Si ⁹⁺ ions at the heavy-ion storage ring TSR. Journal of Physics: Conference Series, 2014, 488, 062011.	0.4	0
128	Electron-impact ionization of multiply charged tungsten ions. Journal of Physics: Conference Series, 2014, 488, 062026.	0.4	5
129	Dielectronic recombination of berylliumlike Xe ⁵⁰⁺ ions: Measurement and theoretical calculations. Journal of Physics: Conference Series, 2014, 488, 062013.	0.4	0
130	Dielectronic recombination of lithiumlike Xe ⁵¹⁺ ions: Storage ring experiment and theoretical calculations. Journal of Physics: Conference Series, 2014, 488, 062014.	0.4	0
131	First light on 3d photoionization of multiply charged xenon ions: a new photon-ion merged beam setup at PETRA III. Journal of Physics: Conference Series, 2014, 488, 142006.	0.4	0
132	Photoionization of Xe inside a C ₆₀ cage: a single-molecule electron interferometer. Journal of Physics: Conference Series, 2014, 488, 022033.	0.4	0
133	Recombination of open-4f-shell W ¹⁸⁺ ions with free electrons. Journal of Physics: Conference Series, 2014, 488, 062015.	0.4	0
134	Probing nuclear properties by resonant atomic collisions between electrons and ions. Physica Scripta, 2013, T156, 014050.	2.5	23
135	Single-Photon Multiple Detachment in Fullerene Negative Ions: Absolute Ionization Cross Sections and the Role of the Extra Electron. Physical Review Letters, 2013, 111, 043003.	7.8	21
136	Storage-ring measurements of hyperfine induced transition rates in berylliumlike ions. , 2013, , .		3
137	Cross-section measurements with interacting beams. , 2013, , .		3
138	STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT SINGLE AND DOUBLE IONIZATION OF Fe ¹³⁺ AND SINGLE IONIZATION OF Fe ¹⁶⁺ AND Fe ¹⁷⁺ . Astrophysical Journal, 2013, 767, 47.	4.5	18
139	Future experiments using forward electron spectroscopy to study the quantum dynamics of high-Z ions at the ESR/CRYRING storage rings. Physica Scripta, 2013, T156, 014087.	2.5	8
140	Electron-impact ionization of moderately charged xenon ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 215202.	1.5	6
141	Probing confinement resonances by photoionizing Xe inside a C ₆₀ molecular cage. Physical Review A, 2013, 88, .	2.5	69
142	Detailed investigation of electron-impact single-ionization cross sections and plasma rate coefficients of N-shell tin ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 175201.	1.5	13
143	Effect of an external magnetic field on the determination of E1M1 two-photon decay rates in Be-like ions. Physical Review A, 2013, 88, .	2.5	18
144	High-resolution photoionization of Xe ⁿ⁺ ions: Experiment and theory. Journal of Physics: Conference Series, 2012, 388, 022038.	0.4	0

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145	Electron-impact-ionization measurements using hyperfine-assisted state preparation of ground-state berylliumlike sulfur. <i>Physical Review A</i> , 2012, 85, 043407. Storage-ring measurement of the hyperfine-induced	2.5	10
146	s^2p	2.5	33
147	Energy- and angle-resolved spectroscopy of electrons from ion-atom collisions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 082051.	0.4	0
148	ELECTRON-ION RECOMBINATION OF Fe XII FORMING Fe XI: LABORATORY MEASUREMENTS AND THEORETICAL CALCULATIONS. <i>Astrophysical Journal</i> , 2012, 753, 57.	4.5	19
149	Confinement resonances in photoionization of endohedral Xe@C ₆₀ ⁺ . <i>Journal of Physics: Conference Series</i> , 2012, 388, 022003.	0.4	0
150	Electron-impact single and multiple ionization of xenon ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062024.	0.4	0
151	Dielectronic recombination of xenonlike tungsten ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062028.	0.4	1
152	Towards a measurement of the $2s2p^3P_{00} \rightarrow 2s^2 1S_{00}E1M1$ two photon transition rate in Be-like xenon ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 012007.	0.4	5
153	High-power electron gun for electron-ion crossed-beams experiments. <i>Journal of Physics: Conference Series</i> , 2012, 388, 142020.	0.4	0
154	Photo-multidetachment and Fragmentation of C ₆₀ ⁻ Anions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022039.	0.4	2
155	Electron-impact single and double ionization of tin ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062023.	0.4	0
156	K-shell photoionization of Be-like B ⁺ ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022101.	0.4	0
157	Photon-ion spectrometer PIPE at the Variable Polarization XUV Beamline of PETRA III. <i>Journal of Physics: Conference Series</i> , 2012, 388, 142016.	0.4	2
158	Electron-impact single-ionization of Ar ⁵⁺ ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062026.	0.4	1
159	Electron-impact single-ionization of Ar ⁶⁺ ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062027.	0.4	2
160	Storage ring meets astrophysics: Dielectronic recombination of L-shell and M-shell iron ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062029.	0.4	0
161	Strong quadrupole interaction between the krypton4p photoionization and 3d resonant excitation channels. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022005.	0.4	0
162	Dielectronic recombination of metastable berylliumlike xenon ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062036.	0.4	0

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163	Asymmetric photoelectron emission from the krypton 4p shell in the vicinity of 3d resonant excitations. Journal of Physics: Conference Series, 2012, 388, 022004.	0.4	0
164	Electron impact ionization measurements at the Heidelberg heavy ion storage ring TSR. Journal of Physics: Conference Series, 2012, 388, 062021.	0.4	0
165	Electron-impact single and double ionization of W^{17+} ions. Journal of Physics: Conference Series, 2012, 388, 062022.	0.4	0
166	ADDENDUM: σ STORAGE RING MEASUREMENT OF ELECTRON IMPACT IONIZATION FOR Mg^{7+} FORMING Mg^{8+} (2010, ApJ, 712, 1166). Astrophysical Journal, 2012, 761, 77.	4.5	0
167	ADDENDUM: σ STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF Fe^{11+} FORMING Fe^{12+} AND Fe^{13+} (2011, ApJ, 729, 76). Astrophysical Journal, 2012, 761, 78.	4.5	0
168	ADDENDUM: σ STORAGE RING CROSS-SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF Fe^{12+} FORMING Fe^{13+} AND Fe^{14+} (2011, ApJ, 735, 105). Astrophysical Journal, 2012, 761, 79.	4.5	2
169	Storage-ring ionization and recombination experiments with multiply charged ions relevant to astrophysical and fusion plasmas. Journal of Physics: Conference Series, 2012, 388, 012010.	0.4	7
170	Dielectronic recombination of in-flight synthesized exotic isotopes. Journal of Physics: Conference Series, 2012, 388, 062042.	0.4	7
171	Towards a storage-ring measurement of the hyperfine induced $2s2p^3P^{\circ} \rightarrow 2s21S^{\circ}$ transition rate in berylliumlike sulfur. Journal of Physics: Conference Series, 2012, 388, 152004.	0.4	0
172	Electrospray ionization source for collision experiments with keV-beams of biomolecular ions. Journal of Physics: Conference Series, 2012, 388, 142004.	0.4	0
173	Photoionization of singly and multiply charged tungsten ions. Journal of Physics: Conference Series, 2012, 388, 022037.	0.4	3
174	X-ray laser spectroscopy with an electron beam ion trap at the free electron laser LCLS. Journal of Physics: Conference Series, 2012, 388, 032037.	0.4	1
175	Breit interaction in dielectronic recombination of H-like uranium. Journal of Physics: Conference Series, 2012, 388, 062034.	0.4	0
176	An unexpectedly low oscillator strength as the origin of the Fe^{17} emission problem. Nature, 2012, 492, 225-228.	27.8	133
177	ELECTRON-ION RECOMBINATION OF Mg^{6+} FORMING Mg^{5+} AND OF Mg^{7+} FORMING Mg^{6+} : LABORATORY MEASUREMENTS AND THEORETICAL CALCULATIONS. Astrophysical Journal, 2012, 758, 40.	4.5	20
178	STORAGE RING CROSS-SECTION MEASUREMENTS FOR ELECTRON IMPACT SINGLE AND DOUBLE IONIZATION OF Fe^{9+} AND SINGLE IONIZATION OF Fe^{10+} . Astrophysical Journal, 2012, 760, 80.	4.5	17
179	Storage ring at HIE-ISOLDE. European Physical Journal: Special Topics, 2012, 207, 1-117.	2.6	101
180	Photodissociation of protonated leucine-enkephalin in the VUV range of 8-40 eV. Journal of Chemical Physics, 2011, 134, 024314.	3.0	77

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181	Breit interaction in dielectronic recombination of hydrogenlike uranium. <i>Physical Review A</i> , 2011, 83, .	2.5	61
182	Photoionization of tungsten ions with synchrotron radiation. <i>Physica Scripta</i> , 2011, T144, 014052.	2.5	16
183	Recombination of Au ²⁰⁺ at low electron-ion collision energies. <i>Physica Scripta</i> , 2011, T144, 014039.	2.5	9
184	STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF Fe ¹²⁺ FORMING Fe ¹³⁺ AND Fe ¹⁴⁺ . <i>Astrophysical Journal</i> , 2011, 735, 105.	4.5	25
185	STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF Fe ¹¹⁺ FORMING Fe ¹²⁺ AND Fe ¹³⁺ . <i>Astrophysical Journal</i> , 2011, 729, 76.	4.5	31
186	Electron-impact single ionization of Xe ¹⁰⁺ ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 205205.	1.5	10
187	Dielectronic recombination of xenonlike tungsten ions. <i>Physical Review A</i> , 2011, 83, .	2.5	67
188	Electron-impact single and double ionization of W ¹⁷⁺ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 165202.	1.5	40
189	STORAGE RING MEASUREMENT OF ELECTRON IMPACT IONIZATION FOR Mg ⁷⁺ FORMING Mg ⁸⁺ . <i>Astrophysical Journal</i> , 2010, 712, 1166-1171.	4.5	20
190	Resonant recombination at ion storage rings: a conceptual alternative for isotope shift and hyperfine studies. <i>Hyperfine Interactions</i> , 2010, 196, 115-127.	0.5	35
191	Publisher's Note: Confinement Resonances in Photoionization of Xe@C60+ [Phys. Rev. Lett. 105, 213001 (2010)]. <i>Physical Review Letters</i> , 2010, 105, 213001.	7.8	7
192	Interference effect in the dipole and nondipole anisotropy parameters of the Kr ⁴⁺ photoelectrons in the vicinity of the Kr ⁴⁺ resonance. <i>Physical Review Letters</i> , 2010, 105, 213001.	2.5	5
193	Continuum resonances in photoionization of Kr ⁴⁺ . <i>Physical Review Letters</i> , 2010, 105, 213001.	7.8	114
194	State-resolved valence shell photoionization of Be-like ions: experiment and theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 225201.	1.5	9
195	K-shell photoionization of ground-state Li-like boron ions [B ²⁺]: experiment and theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 135602.	1.5	21
196	Resonant recombination at ion storage rings: a conceptual alternative for isotope shift and hyperfine studies. , 2010, , 115-127.		0
197	ELECTRON-ION RECOMBINATION OF Fe X FORMING Fe IX AND OF Fe XI FORMING Fe X: LABORATORY MEASUREMENTS AND THEORETICAL CALCULATIONS. <i>Astrophysical Journal</i> , 2009, 698, 648-659.	4.5	27
198	Fullerene-Encapsulated Atoms in the Light of Synchrotron Radiation. , 2009, , .		1

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199	Astrophysical relevance of storage-ring electron-ion recombination experiments. Journal of Physics: Conference Series, 2009, 163, 012001.	0.4	31
200	Electron impact ionization of ground-state and metastable Li ⁺ ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 025203.	1.5	27
201	Electron-impact ionization of B ³⁺ ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 175203.	1.5	10
202	K-shell photoionization of ground-state Li-like carbon ions [C ³⁺]: experiment, theory and comparison with time-reversed photorecombination. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 235602.	1.5	39
203	Relativistic, QED and nuclear effects in highly charged ions revealed by resonant electron-ion recombination in storage rings. Nuclear Instruments & Methods in Physics Research B, 2009, 267, 192-195.	1.4	9
204	High resolution low-energy dielectronic recombination rate coefficients of beryllium-like germanium: QED test bench for two-valence-electron systems. Journal of Physics: Conference Series, 2009, 163, 012058.	0.4	8
205	Low-energy collisions with atomic and molecular ions in a photocathode electron target. Journal of Physics: Conference Series, 2009, 194, 012024.	0.4	7
206	Redistribution of Ce 4d oscillator strength observed in photoionization of endohedral Ce@C ₈₂ ions. Journal of Physics: Conference Series, 2009, 194, 132009.	0.4	0
207	Low-lying dielectronic resonances of Fe XXII for accurate energy determination of autoionising Rydberg levels on boronlike cores. Journal of Physics: Conference Series, 2009, 163, 012059.	0.4	2
208	Experimental confirmation of left-right asymmetry in photoionization. Journal of Physics: Conference Series, 2009, 194, 012003.	0.4	2
209	Isotope shifts in dielectronic recombination: From stable to in-flight-produced nuclei. Journal of Physics: Conference Series, 2009, 194, 012023.	0.4	26
210	Experimental absolute cross section for photoionization of Xe ⁷⁺ . Journal of Physics: Conference Series, 2009, 194, 022094.	0.4	3
211	Electron impact ionization of ground-state and metastable Li ⁺ ions. Journal of Physics: Conference Series, 2009, 194, 062002.	0.4	0
212	Electron impact ionization of xenon ions. Journal of Physics: Conference Series, 2009, 194, 062014.	0.4	5
213	PIPE: A versatile photon-ion spectrometer at PETRAIII. Journal of Physics: Conference Series, 2009, 194, 142012.	0.4	5
214	Experimental confirmation of left-right asymmetry in photoionization. Journal of Physics: Conference Series, 2009, 194, 022051.	0.4	3
215	Experimental rate coefficient for dielectronic recombination of neonlike iron forming sodiumlike iron. Journal of Physics: Conference Series, 2009, 163, 012028.	0.4	4
216	Experimental studies of electron collisions with atomic ions for astrophysical plasmas. Journal of Physics: Conference Series, 2009, 194, 062025.	0.4	0

#	ARTICLE	IF	CITATIONS
217	Significant Shift in the Dielectronic Recombination of Three-Electron Nd^{57+} Ions. Physical Review Letters, 2008, 100, 073201.	7.8	102
218	Screened Radiative Corrections from Hyperfine-Split Dielectronic Resonances in Lithiumlike Scandium. Physical Review Letters, 2008, 100, 033001.	7.8	82
219	Significant Redistribution of Ce d Oscillator Strength Observed in Photoionization of Endohedral $\text{Ce}@\text{C}_{82}$ Ions. Physical Review Letters, 2008, 101, 133001.	7.8	66
220	Electron-ion recombination for Si^{8+} forming Si^{7+} and Si^{9+} forming Si^{8+} : measurements and theory. Astronomy and Astrophysics, 2008, 492, 265-275.	5.1	25
221	PHOTOIONIZATION AND FRAGMENTATION OF FULLERENE IONS. , 2008, , 177-186.		3
222	Dielectronic Recombination of Fe^{24+} Forming Fe^{23+} : Laboratory Measurements and Theoretical Calculations. Astrophysical Journal, 2007, 664, 1244-1252.	4.5	21
223	Photorecombination of berylliumlike Ti^{18+} : Hyperfine quenching of dielectronic resonances. Journal of Physics: Conference Series, 2007, 58, 137-140.	0.4	9
224	Storage-Ring Measurement of the Hyperfine Induced $\text{Ti}^{18+}(2s^2p^3\ ^4P_{3/2} \rightarrow 2s^2\ ^1S_0)$ Transition Rate. Physical Review Letters, 2007, 98, 033001.	7.8	75
225	Scully et al. Reply: Physical Review Letters, 2007, 98, .	7.8	24
226	Electron-ion recombination of Si^{IV} forming Si^{III} . Storage-ring measurement and multiconfiguration recombination measurements of Fe^{7+} , Fe^{8+} , Fe^{13+} motivated by active galactic nuclei x-ray absorption features. Journal of Physics: Conference Series, 2007, 58, 223-226.	2.5	23
227	Electron-ion recombination measurements of Fe^{7+} , Fe^{8+} , Fe^{13+} motivated by active galactic nuclei x-ray absorption features. Journal of Physics: Conference Series, 2007, 58, 223-226.	0.4	2
228	Photorecombination studies of highly charged ions at the storage ring ESR: a progress report. Journal of Physics: Conference Series, 2007, 58, 81-86.	0.4	2
229	Fine-structure resolved photoionization of metastable Be-like ions C III, N IV, and O V. Journal of Physics: Conference Series, 2007, 58, 383-386.	0.4	11
230	Photoionization of the endohedral fullerene ions $\text{Sc}_3\text{N}@C_{80}$ and $\text{Ce}@C_{82}$ by synchrotron radiation. Journal of Physics: Conference Series, 2007, 88, 012038.	0.4	37
231	Doubly excited resonances in the photoionization spectrum of Li^+ . Journal of Physics: Conference Series, 2007, 58, 387-390.	0.4	13
232	Progress in stored ion beam experiments on atomic and molecular processes. , 2007, , 111-124.		0
233	Dielectronic Recombination of Fe^{23+} Forming Fe^{22+} : Laboratory Measurements and Theoretical Calculations. Astrophysical Journal, 2006, 642, 1275-1285.	4.5	49
234	First dielectronic recombination measurements with H-like uranium. Radiation Physics and Chemistry, 2006, 75, 1763-1766.	2.8	15

#	ARTICLE	IF	CITATIONS
235	Progress in stored ion beam experiments on atomic and molecular processes. <i>Hyperfine Interactions</i> , 2006, 172, 111-124.	0.5	25
236	Electron-Ion Recombination Measurements Motivated by AGN X-Ray Absorption Features: Fe xiv Forming Fe xiii. <i>Astrophysical Journal</i> , 2006, 641, L157-L160.	4.5	38
237	Doubly excited resonances in the photoionization spectrum of Li+: experiment and theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 3957-3968.	1.5	36
238	Photoionization and electron-impact ionization of Kr ⁵⁺ . <i>Physical Review A</i> , 2006, 74, .	2.5	9
239	Photorecombination and Photoionization Experiments at Heavy-Ion Storage-Rings and Synchrotron-Light Sources. <i>Highlights of Astronomy</i> , 2005, 13, 640-643.	0.0	0
240	Hyperfine quenching of resonances in dielectronic recombination of zinc-like Pt ⁴⁸⁺ . <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 235, 265-269.	1.4	11
241	Experimental Ne ^v and Ne ^{viii} low-temperature dielectronic recombination rate coefficients. <i>Astronomy and Astrophysics</i> , 2005, 437, 1151-1157.	5.1	10
242	K-shell photoionization of Be-like carbon ions: experiment and theory for C ²⁺ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, 1967-1975.	1.5	38
243	Multiple ionization of Sc ⁺ -ions by electron impact. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2005, 38, 2015-2028.	1.5	11
244	Photoexcitation of a Volume Plasmon in C ₆₀ Ions. <i>Physical Review Letters</i> , 2005, 94, 065503.	7.8	131
245	Experimental Mg ^{ix} photorecombination rate coefficient. <i>Astronomy and Astrophysics</i> , 2004, 421, 1185-1191.	5.1	52
246	Electron-impact single and multiple ionization of Mg ⁺ -ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 1503-1518.	1.5	19
247	Dielectronic recombination resonances in Na ⁸⁺ . <i>Physical Review A</i> , 2004, 70, .	2.5	16
248	Strong contributions of indirect processes to the electron-impact ionization cross section of Sc ⁺ ions. <i>Physical Review A</i> , 2004, 70, .	2.5	19
249	Determination of the 2s ² p excitation energy of lithiumlike scandium using dielectronic recombination. <i>Physical Review A</i> , 2004, 70, .	2.5	34
250	Electron-impact ionization of Ti ³⁺ -ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 4387-4395.	1.5	19
251	Threshold truncation of a giant dipole resonance in photoionization of Ti ³⁺ . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, L209-L216.	1.5	27
252	Dielectronic Recombination of Very Heavy Lithiumlike Ions. <i>Hyperfine Interactions</i> , 2003, 146/147, 41-45.	0.5	2

#	ARTICLE	IF	CITATIONS
253	Enhancement of Dielectronic Recombination by External Electromagnetic Fields. <i>Hyperfine Interactions</i> , 2003, 146/147, 23-27.	0.5	0
254	A high-current electron gun for electron-ion collision physics. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 201-206.	1.4	8
255	Photoionization of Sc 2+ : Experimental link with photorecombination of Sc 3+ by application of detailed balance. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 297-300.	1.4	5
256	Dielectronic recombination at low energies: Spectroscopy of doubly excited states in beryllium-like Na 7+ ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 99-101.	1.4	3
257	Strong contributions of indirect processes to the electron-impact ionization cross section of Sc + ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 410-412.	1.4	0
258	Electron-impact multiple ionization of Ba q+ ions ($1 \leq q \leq 13$) via resonant 3d excitation. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 433-436.	1.4	3
259	Autoionizing high-Rydberg states of very heavy Be-like ions: A tool for precision spectroscopy. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 66-69.	1.4	5
260	Trielectronic recombination in Be-like ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 367-369.	1.4	1
261	Measurement of the field-induced dielectronic recombination rate enhancement of N 4+ ions differential in the Rydberg quantum number n. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 370-373.	1.4	2
262	Photoionization of Sc 2+ ions by synchrotron radiation: Measurements and absolute cross sections in the photon energy range 23-68 eV. <i>Physical Review A</i> , 2003, 67, .	2.5	37
263	Observation of Trielectronic Recombination in Be-like Cl Ions. <i>Physical Review Letters</i> , 2003, 91, 043001.	7.8	62
264	Precise Determination of the $2s1/2 \sim 2p1/2$ Splitting in Very Heavy Lithiumlike Ions Utilizing Dielectronic Recombination. <i>Physical Review Letters</i> , 2003, 91, 073202.	7.8	131
265	Time-reversal Studies in Photorecombination and Photoionization Experiments with Ion Beams. <i>AIP Conference Proceedings</i> , 2003, , .	0.4	2
266	Photoionization studies of the B valence shell: experiment and theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 3371-3381.	1.5	35
267	Dielectronic Recombination of Fe xxi and Fe xxii via N $1s^2 2s^2 2p^6$ N $1s^2 2s^2 2p^6$ Core Excitations. <i>Astrophysical Journal, Supplement Series</i> , 2003, 147, 421-435.	7.7	41
268	Dielectronic Recombination in External Electromagnetic Fields. , 2003, , 269-301.		4
269	Experimental O VI dielectronic recombination rate coefficient and its enhancement by external electric fields. <i>Astronomy and Astrophysics</i> , 2003, 405, 1157-1162.	5.1	11
270	Dielectronic Recombination of Very Heavy Lithiumlike Ions. , 2003, , 41-45.		0

#	ARTICLE	IF	CITATIONS
271	Enhancement of Dielectronic Recombination by External Electromagnetic Fields. , 2003, , 23-27.		0
272	Interference effects in the photorecombination of argonlike Sc ³⁺ ions: Storage-ring experiment and theory. Physical Review A, 2002, 65, .	2.5	52
273	Measurement of the field-induced dielectronic-recombination-rate enhancement of O ⁵⁺ ions differential in the Rydberg quantum numbers. Physical Review A, 2002, 65, .	2.5	22
274	High Rydberg Resonances in Dielectronic Recombination of Pb ⁷⁹⁺ . Physical Review Letters, 2002, 89, 053201.	7.8	40
275	Experimental Link of Photoionization of Sc ²⁺ to Photorecombination of Sc ³⁺ : An Application of Detailed Balance in a Unique Atomic System. Physical Review Letters, 2002, 89, 193002.	7.8	38
276	Rate enhancement in the recombination of Bi ⁸⁰⁺ ions with electrons. Physical Review A, 2002, 66, .	2.5	18
277	Dielectronic recombination resonances in F ⁶⁺ . Physical Review A, 2002, 66, .	2.5	55
278	Dielectronic Recombination (via N $\hat{\epsilon}\%_0=\hat{\epsilon}\%_02\hat{\epsilon}\%_0$ N $\hat{\epsilon}\%_02\hat{\epsilon}\%_0$ Core Excitations) and Radiative Recombination of Fe xx : Laboratory Measurements and Theoretical Calculations. Astrophysical Journal, Supplement Series, 2002, 138, 337-370.	7.7	44
279	Dielectronic Recombination of Fe xix Forming Fe xviii: Laboratory Measurements and Theoretical Calculations. Astrophysical Journal, 2002, 576, 1098-1107.	4.5	41
280	Photorecombination of Lithium-like Sc ¹⁸⁺ at Threshold: a Challenge for Atomic Structure Theory. Physica Scripta, 2001, T92, 376-378.	2.5	0
281	Dielectronic Recombination of Iron L-Shell Ions. Physica Scripta, 2001, T92, 319-321.	2.5	3
282	Influence of Electromagnetic Fields on the Dielectronic Recombination of Ne ⁷⁺ and O ⁵⁺ Ions. Physica Scripta, 2001, T92, 395-397.	2.5	2
283	Dielectronic Recombination and Spectroscopy of the Heaviest Li-like Ions. Physica Scripta, 2001, T92, 191-194.	2.5	1
284	Recombination of Bare Cl ¹⁷⁺ Ions in an Electron Cooler. Physica Scripta, 2001, T92, 402-405.	2.5	7
285	Interference in Electron-Impact Ionization of C ³⁺ Ions: Unified R-Matrix Calculation and Experiment. Physica Scripta, 2001, T92, 379-381.	2.5	4
286	Recombination of U ⁹²⁺ ions with electrons. European Physical Journal D, 2001, 15, 145-154.	1.3	37
287	Storage Ring Measurement of the CIV Recombination Rate Coefficient. Astrophysical Journal, 2001, 555, 1027-1037.	4.5	101
288	Field Enhanced Dielectronic Recombination of Lithiumlike Ti ¹⁹⁺ and Ni ²⁵⁺ Ions. Physica Scripta, 2001, T92, 391-394.	2.5	0

#	ARTICLE	IF	CITATIONS
289	Influence of electromagnetic fields on the dielectronic recombination of Ne ⁷⁺ ions. <i>Physical Review A</i> , 2001, 64, .	2.5	14
290	Recombination in electron coolers. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 441, 183-190.	1.6	25
291	Field effects on the recombination of atomic ions studied at a storage ring electron cooler. <i>AIP Conference Proceedings</i> , 2000, , .	0.4	0
292	Measurements of low temperature dielectronic recombination in L-shell iron for modeling X-ray photoionized cosmic plasmas. <i>AIP Conference Proceedings</i> , 2000, , .	0.4	1
293	Enhanced dielectronic recombination of lithium-like Ti ¹⁹⁺ ions in external E \times B fields. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, L453-L460.	1.5	18
294	Influence of Magnetic Fields on Electron-Ion Recombination at Very Low Energies. <i>Physical Review Letters</i> , 2000, 84, 4822-4825.	7.8	98
295	Recombination of bare Bi ⁸³⁺ ions with electrons. <i>Physical Review A</i> , 2000, 63, .	2.5	39
296	Interference of direct and resonant channels in electron-impact ionization of C ³⁺ ions: Unified R-matrix calculation and experiment. <i>Physical Review A</i> , 2000, 61, .	2.5	35
297	Dielectronic recombination of lithium-like Ni ²⁵⁺ ions: High-resolution rate coefficients and influence of external crossed electric and magnetic fields. <i>Physical Review A</i> , 2000, 62, .	2.5	50
298	Dielectronic Recombination in Photoionized Gas. II. Laboratory Measurements for Fe xviii and Fe xix. <i>Astrophysical Journal, Supplement Series</i> , 1999, 123, 687-702.	7.7	62
299	Experimental search for interference effects in the total $\hat{\alpha}^{\wedge} + \text{Sc}^{3+}$ recombination rate. <i>Physical Review A</i> , 1999, 59, 3092-3094.	2.5	8
300	Experimental Evidence for Magnetic Field Effects on Dielectronic Recombination via High Rydberg States. <i>Physical Review Letters</i> , 1999, 82, 3779-3782.	7.8	43
301	Recombination of F ⁶⁺ with Free Electrons at Very Low Energies. <i>Physica Scripta</i> , 1999, T80, 298.	2.5	8
302	Photorecombination of Sc ³⁺ and Ti ⁴⁺ ions: Search for Interference Effects and Recombination at low Energies. <i>Physica Scripta</i> , 1999, T80, 314.	2.5	2
303	Influence of Magnetic Fields on Recombination Rates of Au ²⁵⁺ . <i>Physica Scripta</i> , 1999, T80, 316.	2.5	3
304	Recombination Measurements of the Heaviest Ions. <i>Physica Scripta</i> , 1999, T80, 318.	2.5	3
305	Recombination of HCl with Electrons ? Fundamental Atomic Physics and Applications. <i>Physica Scripta</i> , 1999, T80, 158.	2.5	15
306	Field Enhanced Dielectronic Recombination of Si ¹¹⁺ and Cl ¹⁴⁺ ions. <i>Physica Scripta</i> , 1999, T80, 305.	2.5	0

#	ARTICLE	IF	CITATIONS
307	Recombination of Sc ³⁺ ions with free electrons. , 1998, 114, 273-276.		5
308	Recent dielectronic recombination experiments. , 1998, 114, 229-235.		3
309	Dielectronic recombination of lithium-like gold: Towards QED tests. , 1998, 114, 45-48.		12
310	Recombination of Au ²⁵⁺ with free electrons at low energies. , 1998, 114, 257-261.		1
311	Hollow Atom Dynamics on LiF Covered Au(111): Role of the Surface Electronic Structure. Physical Review Letters, 1998, 81, 1219-1222.	7.8	30
312	Photorecombination of ions: search for interference effects, recombination at low energies and rate coefficient in plasmas. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 4873-4886.	1.5	43
313	Recombination of with free electrons at very low energies. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 2415-2428.	1.5	45
314	Electron-impact ionization and recombination of atomic ions studied at storage rings. , 1998, , .		0
315	Dielectronic Recombination in Photoionized Gas: The Importance of Fine-structure Core Excitations. Astrophysical Journal, 1997, 489, L115-L118.	4.5	64
316	Enhancement effects on electron-ion recombination rates. , 1997, , .		0
317	Interaction of slow multicharged ions with solid surfaces. Surface Science Reports, 1997, 27, 113-239.	7.2	361
318	On the formation of hollow atoms in front of an insulating LiF surface. Nuclear Instruments & Methods in Physics Research B, 1996, 115, 237-241.	1.4	15
319	Projectile velocity and target temperature dependence of charge-state distributions of multicharged ions scattered during grazing interactions with a Au(110) surface. Physical Review A, 1996, 54, 641-648.	2.5	27
320	Anisotropy and polarization in charge changing collisions of with Na(3s) and laser aligned Na(3p). Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, 2819-2836.	1.5	17
321	Anisotropy effects in single electron transfer between laser excited atoms and highly charged ions. Nuclear Instruments & Methods in Physics Research B, 1995, 98, 177-183.	1.4	9
322	Probing hollow atom states formed during impact of highly charged ions on surfaces: N _{6,7+} and O ₇₊ on Al(110) and Si(100). Nuclear Instruments & Methods in Physics Research B, 1995, 98, 436-440.	1.4	22
323	Projectile image acceleration, neutralization and electron emission during grazing interactions of multicharged ions with Au(110). Nuclear Instruments & Methods in Physics Research B, 1995, 98, 441-444.	1.4	41
324	Angular and charge state distributions of highly charged ions scattered during low energy surface-channeling interactions with Au(110). Nuclear Instruments & Methods in Physics Research B, 1995, 100, 366-372.	1.4	43

#	ARTICLE	IF	CITATIONS
325	Time Scales for Charge Equilibration of O_{q+} ($3 \leq q \leq 8$) Ions during Surface-Channeling Interactions with Au(110). <i>Physical Review Letters</i> , 1995, 75, 983-983.	7.8	12
326	Do Hollow Atoms Exist in Front of an Insulating LiF(100) Surface?. <i>Physical Review Letters</i> , 1995, 75, 217-219.	7.8	66
327	Time Scales for Charge Equilibration of O_{q+} ($3 \leq q \leq 8$) Ions during Surface-Channeling Interactions with Au(110). <i>Physical Review Letters</i> , 1995, 74, 2204-2207.	7.8	101
328	Polarized light emission in keV He $^{2+}$ Na(3s) collisions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, 3271-3282.	1.5	35
329	Velocity dependence of KLL Auger emission from hollow atoms formed during collisions of hydrogenic N_6^+ ions on surfaces. <i>Physical Review A</i> , 1995, 51, 3873-3882.	2.5	38
330	Determination of the absolute excited state density of a sodium target by means of beam deflection measurements. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, 3725-3734.	1.5	2
331	Anisotropy effects in electron capture by O_6^+ from aligned $Na^*(3p)$. <i>Physical Review Letters</i> , 1994, 72, 1628-1631.	7.8	28
332	Coster-Kronig transitions in hollow atoms created during highly charged ion-surface interactions. <i>Physical Review Letters</i> , 1994, 73, 786-789.	7.8	35
333	Atomic structure calculations of KLL Auger spectra from highly charged ion-“solid-surface collisions. <i>Physical Review A</i> , 1994, 50, 540-552.	2.5	41
334	Target effects in the interaction of highly charged Ne ions with an Al(110) surface. <i>Physical Review A</i> , 1994, 50, 4993-4999.	2.5	13
335	The interaction of hydrogenic ions with metal and semiconductor surfaces. <i>Surface Science</i> , 1994, 313, 355-364.	1.9	28
336	Dependence of electron capture from $Na^{n-}(3p)$ on orbital alignment: A kinematic effect?. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1993, 181, 80-84.	2.1	22
337	Interaction of Ne_{q+} ($q = 8, 9, 10$) with a Pt(110) surface. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1993, 78, 93-98.	1.4	6
338	Deexcitation of hollow atoms: autoionization of multiply excited N, O and Ne atoms at a Pt(110) surface. <i>Nuclear Instruments & Methods in Physics Research B</i> , 1993, 78, 106-112.	1.4	24
339	Electron emission following the interaction of highly charged ions with a Pt(110) target. <i>Physical Review A</i> , 1993, 48, 3731-3740.	2.5	22
340	Inner Shell Target Ionization by the Impact of N_6^+ , O_7^+ and Ne_9^+ on Pt(110). <i>NATO ASI Series Series B: Physics</i> , 1993, , 117-127.	0.2	0
341	Auger-electron emission from slow, highly charged ions interacting with solid Cu targets. <i>Physical Review A</i> , 1992, 45, 4653-4660.	2.5	53
342	Excitation of target Auger-electron emission by the impact of highly charged ions: N_6^+ , O_7^+ , and Ne_9^+ on Pt(110). <i>Physical Review A</i> , 1992, 46, 4003-4011.	2.5	43

#	ARTICLE	IF	CITATIONS
343	Neutralization of He ⁺ and He ²⁺ on Pb surfaces. <i>Surface Science</i> , 1991, 257, 289-296.	1.9	30
344	Accommodation in Ar(Kr, Xe) and metal-surface systems as a test for electronic dissipation. <i>Vacuum</i> , 1990, 41, 396-398.	3.5	3