

# Stefan Schippers

## List of Publications by Year in descending order

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344  
papers

6,596  
citations

81434

41  
h-index

120465

65  
g-index

347  
all docs

347  
docs citations

347  
times ranked

2251  
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, .	1.0	8
2	Near K-edge Photoionization and Photoabsorption of Singly, Doubly, and Triply Charged Silicon Ions. Astrophysical Journal, 2022, 931, 100.	1.6	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.	0.8	1
4	Near L-edge Single and Multiple Photoionization of Doubly Charged Iron Ions. Astrophysical Journal, 2021, 908, 52.	1.6	17
5	Atomic Cascade Computations. Symmetry, 2021, 13, 520.	1.1	26
6	Direct double ionization of the Ar+ M shell by a single photon. Physical Review A, 2021, 103, .	1.0	3
7	Experimental studies on photoabsorption by endohedral fullerene ions with a focus on $Xe@C_{60}^{+}$ confinement resonances. Physica Scripta, 2021, 96, 064004.	1.2	6
8	Role of $L$ -shell single and double core-hole production and decay in $L$ -shell single		

#	ARTICLE	IF	CITATIONS
19	Dielectronic recombination rate coefficients for F-like nickel. Journal of Physics: Conference Series, 2020, 1412, 232001.	0.3	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.	0.3	1
21	Ion thrusters for electric propulsion: Scientific issues developing a niche technology into a game changer. Review of Scientific Instruments, 2020, 91, 061101.	0.6	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.	0.6	5
23	Multiple Photodetachment of Carbon Anions via Single and Double Core-Hole Creation. Physical Review Letters, 2020, 124, 083203.	2.9	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.	0.6	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.	0.6	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.	0.6	22
27	Photoionization of tungsten ions: experiment and theory for $W^{5+}$ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 195005.	0.6	5
28	Spin asymmetry in electron-impact ionization. Physical Review A, 2019, 100, .	1.0	6
29	Dielectronic recombination rate coefficients of fluorine-like nickel. Astronomy and Astrophysics, 2019, 627, A171.	2.1	10
30	Inner-shell X-ray absorption spectra of the cationic series $NH_{y}^{z+}$ ( $y = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10$ )	1.3	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.	0.6	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.	0.6	22
33	Photoionization and photofragmentation of singly charged positive and negative $Sc^{3+}$ and $N^{3-}$ ions. Physical Review A, 2019, 99, .	1.0	20
34	Near L-edge Single and Multiple Photoionization of Triply Charged Iron Ions. Astrophysical Journal, 2019, 887, 189.	1.6	20
35	Electron-impact ionization of $W^{5+}$ . Physical Review A, 2019, 100, .	1.0	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.	1.3	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.	0.6	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.	3.0	31
40	Indirect contributions to electron-impact ionization of Li+ ( $1s2sS13$ ) ions: Role of intermediate double- K -vacancy states. Physical Review A, 2018, 97, .	1.0	9
41	Photoabsorption of the molecular IH cation at the iodine $K$ -edge. Physical Review A, 2018, 97, .	1.0	9
42	PAMOP: Large-Scale Calculations Supporting Experiments and Astrophysical Applications. , 2018, , 37-59.		2
43	$K$ -edge single, double, and triple photoionization of ions.	1.0	20
44	$K$ -Edge Double and Triple Detachment of the $F$ .	2.9	15
45	Photoionization of $Li$ .		

#	ARTICLE	IF	CITATIONS
55	Photoionisation of Ca <sup>+</sup> 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.	0.6	3
56	Near L-edge Single and Multiple Photoionization of Singly Charged Iron Ions. <i>Astrophysical Journal</i> , 2017, 849, 5.	1.6	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.	0.3	0
58	Photoionization of Ne <sup>+</sup> ions and Ne atoms near the K edge. <i>Journal of Physics: Conference Series</i> , 2017, 875, 022044.	0.3	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.	0.3	0
60	Photorecombination of berylliumlike and boronlike silicon ions. <i>Journal of Physics: Conference Series</i> , 2017, 875, 052005.	0.3	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.	0.3	1
62	APPA R&D “BMBF collaborative research at FAIR. <i>Journal of Physics: Conference Series</i> , 2017, 875, 092001.	0.3	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.	0.3	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.	0.3	0
65	Inner-Shell Ionization and Fragmentation of Isolated Endohedral Fullerene Ions by XUV Radiation. <i>Condensed Matter</i> , 2016, 1, 6.	0.8	1
66	The cryogenic storage ring CSR. <i>Review of Scientific Instruments</i> , 2016, 87, 063115.	0.6	67
67	Physics book: CRYRING@ESR. <i>European Physical Journal: Special Topics</i> , 2016, 225, 797-882.	1.2	101
68	Electron-impact single ionization of $\text{W}^{19+}$ ions. <i>Physical Review A</i> , 2016, 93, .	1.0	20
69	Photoionization and photofragmentation of the $\text{C}_{60}^{12+}$ ion. <i>Physical Review A</i> , 2016, 93, .	1.0	12
70	Strong asymmetry of the electron-loss-to-continuum cusp of multielectron $\text{W}^{28+}$ in near-relativistic collisions with gaseous targets. <i>Physical Review A</i> , 2016, 93, .	1.0	11
71	Recombination of $\text{W}^{19+}$ with electrons: Absolute rate coefficients from a storage-ring experiment and from theoretical calculations. <i>Physical Review A</i> , 2016, 93, .	1.0	21
72	Storage ring cross section measurements for electron impact ionization of Fe <sup>8+</sup> . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 084006.	0.6	6

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73	Prominent role of multielectron processes in $K$ -shell double and triple photodetachment of oxygen anions. Physical Review A, 2016, 94, .	1.0	28
74	Photoionisation of ions with synchrotron radiation: from ions in space to atoms in cages. Contemporary Physics, 2016, 57, 215-229.	0.8	51
75	Absolute rate coefficients for photorecombination of beryllium-like and boron-like silicon ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 074004.	0.6	5
76	Photoionization of tungsten ions: experiment and theory for $W^{2+}$ and $W^{3+}$ . Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 065201.	0.6	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. Nuclear Instruments & Methods in Physics Research B, 2015, 365, 680-685.	0.6	41
80	Photoionization and photofragmentation of multiply charged $Lu^{3+}$ ions. Physical Review A, 2015, 92, .	1.1	46
81	Experimental concepts of positron spectroscopy at HESR. Physica Scripta, 2015, T166, 014026.	1.2	5
82	9th International Conference on Atomic and Molecular Data and Their Applications. Physica Scripta, 2015, 90, 050201.	1.2	0
83	Forward-angle electron spectroscopy in heavy-ion atom collisions studied at the ESR. Journal of Physics: Conference Series, 2015, 635, 022005.	0.3	0
84	Electron-impact ionization of tungsten ions. Journal of Physics: Conference Series, 2015, 635, 052040.	0.3	0
85	Simultaneous measurement of photorecombination and electron-impact ionization of $Fe^{14+}$ ions. Journal of Physics: Conference Series, 2015, 635, 052002.	0.3	0
86	Photoionization and photofragmentation of multiply charged $Lu^{3+}N@C_{80}$ ions. Journal of Physics: Conference Series, 2015, 635, 112120.	0.3	0
87	A lepton spectrometer for studies of fundamental atomic processes at HESR at FAIR. Journal of Physics: Conference Series, 2015, 635, 022087.	0.3	0
88	The cryogenic storage ring CSR for collision experiments with state-controlled and phase-space cooled molecular ion beams. Journal of Physics: Conference Series, 2015, 635, 072059.	0.3	1
89	Stepwise contraction of the $nf$ Rydberg shells in the $3d$ photoionization of multiply-charged xenon ions. Journal of Physics: Conference Series, 2015, 635, 092002.	0.3	0
90	Electron-ion recombination of the open- $4f$ -shell ion $W^{19+}$ . Journal of Physics: Conference Series, 2015, 635, 052003.	0.3	0

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91	Observation of four-electron Auger processes. Journal of Physics: Conference Series, 2015, 635, 012033.	0.3	2
92	Observation of four-electron Auger processes. Journal of Physics: Conference Series, 2015, 635, 092101.	0.3	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.	0.6	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.	0.7	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.	0.6	12
96	Spectroscopy of berylliumlike xenon ions using dielectronic recombination. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144008.	0.6	20
97	Storage-ring experiments on dielectronic recombination at the interface of atomic and nuclear physics. Physica Scripta, 2015, T166, 014022.	1.2	15
98	High-resolution dielectronic recombination experiments at the upcoming CRYRING@ESR facility. Journal of Physics: Conference Series, 2015, 635, 022084.	0.3	1
99	STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF $Fe^{7+}$ . Astrophysical Journal, 2015, 813, 16.	1.6	12
100	Electron emission spectra of $U^{28+}$ ions colliding with gaseous targets. Journal of Physics: Conference Series, 2015, 635, 022049.	0.3	1
101	Electron-ion merged-beam experiments at heavy-ion storage rings. Nuclear Instruments & Methods in Physics Research B, 2015, 350, 61-65.	0.6	31
102	Electron-ion collision spectroscopy: Lithium-like xenon ions. Physical Review A, 2015, 91, .	1.0	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.	2.9	63
104	Plasma rate coefficients for electron-impact ionization of $Xe^{q+}$ ions ( $q = 8, \dots, 17$ ). Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 035203.	0.6	8
105	An efficient, movable single-particle detector for use in cryogenic ultra-high vacuum environments. Review of Scientific Instruments, 2015, 86, 023303.	0.6	13
106	Electron-capture-to-continuum cusp in $U^{n+}$ . Physical Review A, 2015, 91, .	1.0	20
107	Electron-impact ionization of $Xe^{24+}$ . Theory versus experiment. Physical Review A, 2015, 92, .	1.0	24
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.	0.3	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.	0.3	0
110	Absolute cross sections for photoionization of Xe <sup>q+</sup> ions ( $1 \leq q \leq 5$ ) at the 3d ionization threshold. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 115602.	0.6	51
111	High-power electron gun for electron-ion crossed-beams experiments. Journal of Physics: Conference Series, 2014, 488, 142007.	0.3	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, .	1.0	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, .	1.0	25
114	<p>in electron-impact single ionization of metastable two-electron</p> $\text{N}^{\text{N}}$		



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127	Dielectronic recombination of boronlike Si <sup>9+</sup> ions at the heavy-ion storage ring TSR. Journal of Physics: Conference Series, 2014, 488, 062011.	0.3	0
128	Electron-impact ionization of multiply charged tungsten ions. Journal of Physics: Conference Series, 2014, 488, 062026.	0.3	5
129	Dielectronic recombination of berylliumlike Xe <sup>50+</sup> ions: Measurement and theoretical calculations. Journal of Physics: Conference Series, 2014, 488, 062013.	0.3	0
130	Dielectronic recombination of lithiumlike Xe <sup>51+</sup> ions: Storage ring experiment and theoretical calculations. Journal of Physics: Conference Series, 2014, 488, 062014.	0.3	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.	0.3	0
132	Photoionization of Xe inside a C <sub>60</sub> cage: a single-molecule electron interferometer. Journal of Physics: Conference Series, 2014, 488, 022033.	0.3	0
133	Recombination of open-4f-shell W <sup>18+</sup> ions with free electrons. Journal of Physics: Conference Series, 2014, 488, 062015.	0.3	0
134	Probing nuclear properties by resonant atomic collisions between electrons and ions. Physica Scripta, 2013, T156, 014050.	1.2	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.	2.9	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 <sup>13+</sup> AND SINGLE IONIZATION OF Fe <sup>16+</sup> AND Fe <sup>17+</sup> . Astrophysical Journal, 2013, 767, 47.	1.6	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.	1.2	8
140	Electron-impact ionization of moderately charged xenon ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 215202.	0.6	6
141	Probing confinement resonances by photoionizing Xe inside a C <sub>60</sub> molecular cage. Physical Review A, 2013, 88, .	1.0	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.	0.6	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, .	1.0	18
144	High-resolution photoionization of Xe <sup>n+</sup> ions: Experiment and theory. Journal of Physics: Conference Series, 2012, 388, 022038.	0.3	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	1.0	10
146	$s^2p$	1.0	33
147	Energy- and angle-resolved spectroscopy of electrons from ion-atom collisions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 082051.	0.3	0
148	ELECTRON-ION RECOMBINATION OF Fe XII FORMING Fe XI: LABORATORY MEASUREMENTS AND THEORETICAL CALCULATIONS. <i>Astrophysical Journal</i> , 2012, 753, 57.	1.6	19
149	Confinement resonances in photoionization of endohedral Xe@C <sub>60</sub> <sup>+</sup> . <i>Journal of Physics: Conference Series</i> , 2012, 388, 022003.	0.3	0
150	Electron-impact single and multiple ionization of xenon ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062024.	0.3	0
151	Dielectronic recombination of xenonlike tungsten ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062028.	0.3	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.	0.3	5
153	High-power electron gun for electron-ion crossed-beams experiments. <i>Journal of Physics: Conference Series</i> , 2012, 388, 142020.	0.3	0
154	Photo-multidetachment and Fragmentation of C <sub>60</sub> <sup>-</sup> Anions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022039.	0.3	2
155	Electron-impact single and double ionization of tin ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062023.	0.3	0
156	K-shell photoionization of Be-like B <sup>+</sup> ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022101.	0.3	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.	0.3	2
158	Electron-impact single-ionization of Ar <sup>5+</sup> ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062026.	0.3	1
159	Electron-impact single-ionization of Ar <sup>6+</sup> ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062027.	0.3	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.	0.3	0
161	Strong quadrupole interaction between the krypton4pphotoionization and3dresonant excitation channels. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022005.	0.3	0
162	Dielectronic recombination of metastable berylliumlike xenon ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062036.	0.3	0

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163	Asymmetric photoelectron emission from the krypton 4p shell in the vicinity of 3d resonant excitations. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022004.	0.3	0
164	Electron impact ionization measurements at the Heidelberg heavy ion storage ring TSR. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062021.	0.3	0
165	Electron-impact single and double ionization of $W^{17+}$ ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062022.	0.3	0
166	ADDENDUM: $\sigma$ STORAGE RING MEASUREMENT OF ELECTRON IMPACT IONIZATION FOR $Mg^{7+}$ FORMING $Mg^{8+}$ (2010, <i>ApJ</i> , 712, 1166). <i>Astrophysical Journal</i> , 2012, 761, 77.	1.6	0
167	ADDENDUM: $\sigma$ STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF $Fe^{11+}$ FORMING $Fe^{12+}$ AND $Fe^{13+}$ (2011, <i>ApJ</i> , 729, 76). <i>Astrophysical Journal</i> , 2012, 761, 78.	1.6	0
168	ADDENDUM: $\sigma$ STORAGE RING CROSS-SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF $Fe^{12+}$ FORMING $Fe^{13+}$ AND $Fe^{14+}$ (2011, <i>ApJ</i> , 735, 105). <i>Astrophysical Journal</i> , 2012, 761, 79.	1.6	2
169	Storage-ring ionization and recombination experiments with multiply charged ions relevant to astrophysical and fusion plasmas. <i>Journal of Physics: Conference Series</i> , 2012, 388, 012010.	0.3	7
170	Dielectronic recombination of in-flight synthesized exotic isotopes. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062042.	0.3	7
171	Towards a storage-ring measurement of the hyperfine induced $2s2p^3P^{\circ} \rightarrow 2s2^1S^{\circ}$ transition rate in berylliumlike sulfur. <i>Journal of Physics: Conference Series</i> , 2012, 388, 152004.	0.3	0
172	Electrospray ionization source for collision experiments with keV-beams of biomolecular ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 142004.	0.3	0
173	Photoionization of singly and multiply charged tungsten ions. <i>Journal of Physics: Conference Series</i> , 2012, 388, 022037.	0.3	3
174	X-ray laser spectroscopy with an electron beam ion trap at the free electron laser LCLS. <i>Journal of Physics: Conference Series</i> , 2012, 388, 032037.	0.3	1
175	Breit interaction in dielectronic recombination of H-like uranium. <i>Journal of Physics: Conference Series</i> , 2012, 388, 062034.	0.3	0
176	An unexpectedly low oscillator strength as the origin of the $Fe^{17}$ emission problem. <i>Nature</i> , 2012, 492, 225-228.	13.7	133
177	ELECTRON-ION RECOMBINATION OF $Mg^{6+}$ FORMING $Mg^{5+}$ AND OF $Mg^{7+}$ FORMING $Mg^{6+}$ : LABORATORY MEASUREMENTS AND THEORETICAL CALCULATIONS. <i>Astrophysical Journal</i> , 2012, 758, 40.	1.6	20
178	STORAGE RING CROSS-SECTION MEASUREMENTS FOR ELECTRON IMPACT SINGLE AND DOUBLE IONIZATION OF $Fe^{9+}$ AND SINGLE IONIZATION OF $Fe^{10+}$ . <i>Astrophysical Journal</i> , 2012, 760, 80.	1.6	17
179	Storage ring at HIE-ISOLDE. <i>European Physical Journal: Special Topics</i> , 2012, 207, 1-117.	1.2	101
180	Photodissociation of protonated leucine-enkephalin in the VUV range of 8–40 eV. <i>Journal of Chemical Physics</i> , 2011, 134, 024314.	1.2	77

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181	Breit interaction in dielectronic recombination of hydrogenlike uranium. <i>Physical Review A</i> , 2011, 83, .	1.0	61
182	Photoionization of tungsten ions with synchrotron radiation. <i>Physica Scripta</i> , 2011, T144, 014052.	1.2	16
183	Recombination of Au <sup>20+</sup> at low electron-ion collision energies. <i>Physica Scripta</i> , 2011, T144, 014039.	1.2	9
184	STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF Fe <sup>12+</sup> FORMING Fe <sup>13+</sup> AND Fe <sup>14+</sup> . <i>Astrophysical Journal</i> , 2011, 735, 105.	1.6	25
185	STORAGE RING CROSS SECTION MEASUREMENTS FOR ELECTRON IMPACT IONIZATION OF Fe <sup>11+</sup> FORMING Fe <sup>12+</sup> AND Fe <sup>13+</sup> . <i>Astrophysical Journal</i> , 2011, 729, 76.	1.6	31
186	Electron-impact single ionization of Xe <sup>10+</sup> ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 205205.	0.6	10
187	Dielectronic recombination of xenonlike tungsten ions. <i>Physical Review A</i> , 2011, 83, .	1.0	67
188	Electron-impact single and double ionization of W <sup>17+</sup> . <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 165202.	0.6	40
189	STORAGE RING MEASUREMENT OF ELECTRON IMPACT IONIZATION FOR Mg <sup>7+</sup> FORMING Mg <sup>8+</sup> . <i>Astrophysical Journal</i> , 2010, 712, 1166-1171.	1.6	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.	0.2	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.	2.9	7
192	Interference effect in the dipole and nondipole anisotropy parameters of the Kr <sup>4+</sup> photoelectrons in the vicinity of the Kr <sup>4+</sup> resonance. <i>Physical Review Letters</i> , 2010, 105, 213001.	1.0	5
193	Continuum resonances in photoionization of Kr <sup>4+</sup> . <i>Physical Review Letters</i> , 2010, 105, 213001.	2.9	114
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