Vladimir A Yerokhin

List of Publications by Year
in descending order

196	6,031	61984	95266
papers	citations	43 h-index	68 g-index

206	206	206	1281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Calculations of DelbrÃ¼ck scattering to all orders in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mi>Z</mml:mi></mml:mrow></mml:m Physical Review A, 2022, 105, .	2.5	4
2	Screening effects in the electron bremsstrahlung from heavy ions. Physical Review A, 2022, 105, .	2.5	0
3	Two-photon annihilation of positrons with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>K</mml:mi></mml:math> -shell electrons of H-like ions. Physical Review A, 2022, 105, .	2.5	2
4	Model-QED operator for superheavy elements. Physical Review A, 2022, 106, .	2.5	13
5	Radiative <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>Î±</mml:mi><mml:mn>2</mml:mn></mml:m QED contribution to the helium Lamb shift. Physical Review A, 2021, 103, .	2.5	10
6	Polarization studies on Rayleigh scattering of hard x rays by closed-shell atoms. Physical Review A, 2021, 103, .	2.5	5
7	Two-loop virtual light-by-light scattering corrections to the bound-electron <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math> factor. Physical Review A, 2021, 103, .	2.5	7
8	Complete <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>Î±</mml:mi><mml:mn>2</mml:mn></mml:m Lamb shift of helium triplet states. Physical Review A, 2021, 103, .	2.5	28
9	Atomic Structure Calculations of Helium with Correlated Exponential Functions. Symmetry, 2021, 13, 1246.	2.2	14
10	Nonlinearities of King's plot and their dependence on nuclear radii. Physical Review A, 2021, 104, .	2.5	11
11	Two-photon-exchange corrections to the g factor of Li-like ions. Physical Review A, 2021, 104, .	2.5	5
12	Atomic processes with twisted electrons. Journal of Physics: Conference Series, 2020, 1412, 052013.	0.4	1
13	QED calculation of ionization energies of 1snd states in helium. Physical Review A, 2020, 102, .	2.5	7
14	Atomic Physics Studies at the Gamma Factory at CERN. Annalen Der Physik, 2020, 532, 2000204.	2.4	33
15	QED calculation of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mi>p</mml:mi></mml:mrow></mml fine structure in Li-like ions. Physical Review A, 2020, 102, .	2.5	11
16	Self-energy screening effects in the g factor of Li-like ions. Physical Review A, 2020, 102, .	2.5	7
17	High-Precision Determination of Oxygen <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>K</mml:mi></mml:mrow><mml:mrow><mml:mi>Î±</mml:mi></mml:mrow Transition Energy Excludes Incongruent Motion of Interstellar Oxygen. Physical Review Letters, 2020, 125, 243001.	7.8	8
18	Calculations of QED Effects with the Dirac Green Function. Symmetry, 2020, 12, 800.	2.2	9

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19	High Resolution Photoexcitation Measurements Exacerbate the Long-Standing Fe XVII Oscillator Strength Problem. Physical Review Letters, 2020, 124, 225001.	7.8	25
20	Radiative electron capture to the continuum in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mrow><mml:mi mathvariant="normal">U</mml:mi></mml:mrow><mml:mrow><mml:mn>89</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup><mml:mo>⁡</mml:mo><mml:msub><mml:mi mathvariant="normal">N</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:mrow></mml:math> collisions: Experiment and theory. Physical Review A, 2020, 101, .	2.5	8
21	Nonradiative <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msup><mml:mi>Î±</mml:mi><mml:mn>7</mml:mn></mml:msup><mml:mo>⁡</mml:mo></mml:mrow></mml:math> QED effects in the Lamb shift of helium triplet states. Physical Review A, 2020, 101, .	2.5	13
22	QED corrections to the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math> factor of Li- and B-like ions. Physical Review A, 2020, 101, .	2.5	12
23	Bremsstrahlung from twisted electrons in the field of heavy nuclei. Physical Review A, 2020, 101, .	2.5	10
24	Self-energy-corrected Dirac wave functions for advanced QED calculations in highly charged ions. Physical Review A, 2020, 101, .	2.5	6
25	Nonlinear isotope-shift effects in Be-like, B-like, and C-like argon. Physical Review A, 2020, 101, .	2.5	22
26	Theory of the two-loop self-energy correction to the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math> factor in nonperturbative Coulomb fields. Physical Review Research, 2020, 2, .	3.6	14
27	g Factor of Boronlike Argon Ar4013+. Physical Review Letters, 2019, 122, 253001.	7.8	42
28	Complete quantum electrodynamic Î±6m correction to energy levels of light atoms. Physical Review A, 2019, 100, .	2.5	12
29	Theoretical Energy Levels of 1sns and 1snp States of Helium-Like Ions. Journal of Physical and Chemical Reference Data, 2019, 48, .	4.2	13
30	Theory of the Lamb Shift in Hydrogen and Light Hydrogenâ€Like Ions. Annalen Der Physik, 2019, 531, 1800324.	2.4	52
31	Quantum-electrodynamic corrections to the 1s3d states of the helium atom. Physical Review A, 2019, 99, .	2.5	11
32	Equation of motion for a bound system of charged particles. Physical Review A, 2019, 100, .	2.5	3
33	Unexpectedly Large Difference of the Electron Density at the Nucleus in the 4p 2P1/2,3/2 Fine-Structure Doublet of Ca+. , 2018, , 1-19.		1
34	QEDMOD: Fortran program for calculating the model Lamb-shift operator. Computer Physics Communications, 2018, 223, 69.	7.5	38
35	Diagnostics of polarization purity of x rays by means of Rayleigh scattering. Physical Review A, 2018, 98, .	2.5	10
36	The g factor of highly charged ions. Journal of Physics: Conference Series, 2018, 1138, 012002.	0.4	7

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37	Nuclear-structure corrections to the hyperfine splitting in muonic deuterium. Physical Review A, 2018, 98, .	2.5	18
38	Relativistic corrections to the Bethe logarithm for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mspace width="4pt" /><mml:mmultiscripts><mml:mi>S</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:mrow></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>2</mml:mn><mml:mspace width="4pt" /><mml:mmultiscripts><mml:mi>P</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></ml	2.5	24
39	Two-loop self-energy in the Lamb shift of the ground and excited states of hydrogenlike ions. Physical Review A, 2018, 97, .	2.5	19
40	Improving the accuracy of the muon mass and magnetic moment anomaly via the bound-muon <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi></mml:math> factor. Physical Review D, 2018, 97, .	4.7	4
41	Three-photon-exchange nuclear structure correction in hydrogenic systems. Physical Review A, 2018, 97, .	2.5	35
42	Energy Levels of Core-Excited 1s2l2lâ€² States in Lithium-Like Ions: Argon to Uranium. Journal of Physical and Chemical Reference Data, 2018, 47, .	4.2	20
43	Higher-order recoil corrections for singlet states of the helium atom. Physical Review A, 2017, 95, .	2.5	27
44	Unexpectedly large difference of the electron density at the nucleus in the $$ 4p, ^2{mathrm {P}}_{{1}/{2},{3}/{2}}$$ 4 p 2 P 1 / 2 , 3 / 2 fine-structure doublet of Ca $$^+$$ +. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	29
45	Testing fundamental interactions on the helium atom. Physical Review A, 2017, 95, .	2.5	75
46	Relativistic configuration-interaction calculations of the energy levels of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:msup><mml:mi>s</mml:mi><mml:mr and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>s</mml:mi><mml:mn>2</mml:mn><mml:mr Physical Review A, 2017, 96, .	2.5	26
47	One-loop electron self-energy for the bound-electron <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math> factor. Physical Review A, 2017, 95, .	2.5	28
48	Electron-correlation effects in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math> factor of light Li-like ions. Physical Review A, 2017, 95, .	2.5	24
49	Electric dipole polarizabilities of Rydberg states of alkali-metal atoms. Physical Review A, 2016, 94, .	2.5	17
50	Weighted difference of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>g</mml:mi></mml:math>factors of light Li-like and H-like ions for an improved determination of the fine-structure constant. Physical Review A, 2016, 94, .	2.5	19
51	Higher-order recoil corrections for triplet states of the helium atom. Physical Review A, 2016, 94, .	2.5	33
52	H2SOLV: Fortran solver for diatomic molecules in explicitly correlated exponential basis. Computer Physics Communications, 2016, 208, 162-168.	7.5	5
53	Many-electron effects on x-ray Rayleigh scattering by highly charged He-like ions. Physical Review A, 2016, 93, .	2.5	21
54	Nuclear recoil corrections to the Lamb shift of hydrogen and light hydrogenlike ions. Physical Review A, 2016, 93, .	2.5	17

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55	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi></mml:math>Factor of Light Ions for an Improved Determination of the Fine-Structure Constant. Physical Review Letters, 2016, 116, 100801.	7.8	49
56	Polarization transfer in Rayleigh scattering of hard x-rays. New Journal of Physics, 2016, 18, 103034.	2.9	12
57	QED corrections to radiative recombination and radiative decay of heavy hydrogenlike ions. Physical Review A, 2015, 92, .	2.5	8
58	Target effects in negative-continuum-assisted dielectronic recombination. Physical Review A, 2015, 92, .	2.5	2
59	Spin-orbit interaction in bremsstrahlung and its effect on the electron motion in a strong Coulomb field. Physical Review A, 2015, 92, .	2.5	12
60	Nuclear Recoil Effect in the Lamb Shift of Light Hydrogenlike Atoms. Physical Review Letters, 2015, 115, 233002.	7.8	34
61	Lamb Shift of n = 1 and n = 2 States of Hydrogen-like Atoms, 1 â‰¤ Z â‰¤ 110. Journal of Physical and Chemical Reference Data, 2015, 44, .	4.2	98
62	Theory of the Helium Isotope Shift. Journal of Physical and Chemical Reference Data, 2015, 44, .	4.2	31
63	Strong effect of the electron spin on bremsstrahlung observed in the relativistic regime. Journal of Physics: Conference Series, 2015, 635, 052089.	0.4	0
64	Rayleigh scattering of xâ€“rays by manyâ€“electron ions. Journal of Physics: Conference Series, 2015, 635, 092016.	0.4	0
65	Compton polarimetry using double-sided segmented x-ray detectors. Journal of Physics: Conference Series, 2015, 583, 012041.	0.4	8
66	Rayleigh x-ray scattering from many-electron atoms and ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144015.	1.5	16
67	QEDMOD: Fortran program for calculating the model Lamb-shift operator. Computer Physics Communications, 2015, 189, 175-181.	7.5	80
68	Relativistic configuration-interaction calculation ofKÎ± transition energies in beryllium-like argon. Physica Scripta, 2015, 90, 054003.	2.5	6
69	Relativistic calculations of doubleK-shell-photoionization cross sections for neutral medium-Zatoms. Physical Review A, 2014, 90, .	2.5	4
70	Radiative-electron-capture-to-continuum cusp inU88++N2collisions and the high-energy endpoint of electron-nucleus bremsstrahlung. Physical Review A, 2014, 90, .	2.5	25
71	Relativistic theory for radiative forward electron emission in heavy ion-atom encounters. European Physical Journal D, 2014, 68, 1.	1.3	2
72	Polarization of atomic bremsstrahlung in coincidence studies. Physical Review A, 2014, 90, .	2.5	11

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73	Extended Gaussian quadratures for functions with an end-point singularity of logarithmic type. Computer Physics Communications, 2014, 185, 2913-2919.	7.5	12
74	Relativistic configuration-interaction calculation ofKÎ±transition energies in berylliumlike iron. Physical Review A, 2014, 90, .	2.5	22
75	Electron polarimetry with bremsstrahlung. Journal of Physics: Conference Series, 2014, 488, 012057.	0.4	3
76	Bremsstrahlung polarization correlations and their application for polarimetry of electron beams. Journal of Physics: Conference Series, 2014, 488, 042021.	0.4	0
77	Model operator approach to the Lamb shift calculations in relativistic many-electron atoms. Physical Review A, 2013, 88, .	2.5	133
78	Polarization correlations in the elastic Rayleigh scattering of photons by hydrogenlike ions. Physical Review A, 2013, 88, .	2.5	19
79	Relativistic theory for radiative ionization of light atoms by heavy ions. European Physical Journal D, 2013, 67, 1.	1.3	3
80	Observation of the spinâ€“orbit interaction in bremsstrahlung. Physica Scripta, 2013, T156, 014071.	2.5	2
81	Bremsstrahlung of polarized positrons scattered off atoms. Physica Scripta, 2013, T156, 014072.	2.5	0
82	Two-loop QED corrections with closed fermion loops for the bound-electron<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi></mml:math>factor. Physical Review A, 2013, 88, .	2.5	34
83	Application of the fully correlated basis of exponential functions for molecular hydrogen. Physical Review A, 2013, 87, .	2.5	6
84	Bremsstrahlung polarization correlations and their application for polarimetry of electron beams. Physical Review A, 2013, 87, .	2.5	30
85	Nuclear-size self-energy and vacuum-polarization corrections to the bound-electrongfactor. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 245002.	1.5	15
86	Polarization Transfer of Bremsstrahlung Arising from Spin-Polarized Electrons. Physical Review Letters, 2012, 108, 264801.	7.8	59
87	Frequency Metrology of Helium around 1083Ânm and Determination of the Nuclear Charge Radius. Physical Review Letters, 2012, 108, 143001.	7.8	80
88	Relativistic configuration-interaction calculation of energy levels of core-excited states in lithiumlike ions: Argon through krypton. Physical Review A, 2012, 86, .	2.5	26
89	QED calculation of the nuclear magnetic shielding for hydrogenlike ions. Physical Review A, 2012, 85, .	2.5	26
90	Comparative study of the electron-atom and positron-atom bremsstrahlung. Physical Review A, 2012, 86, .	2.5	8

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91	Quantum electrodynamic calculation of the hyperfine structure of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>3</mml:mn></mml:msup></mml:math>He. Physical Review A, 2012, 85, .	2.5	22
92	PEBSI â€“ A Monte Carlo simulator for bremsstrahlung arising from electrons colliding with thin solid-state targets. Nuclear Instruments & Methods in Physics Research B, 2012, 279, 155-159.	1.4	12
93	Fine structure of helium and light helium-like ionsThis paper was presented at the International Conference on Precision Physics of Simple Atomic Systems, held at Ã‰cole de Physique, les Houches, France, 30 May â€“ 4 June, 2010.. Canadian Journal of Physics, 2011, 89, 95-101.	1.1	10
94	QED Theory of the Nuclear Magnetic Shielding in Hydrogenlike Ions. Physical Review Letters, 2011, 107, 043004.	7.8	39
95	Compton transmission polarimeter for a very precise polarization measurement within a wide range of electron currents. Journal of Physics: Conference Series, 2011, 298, 012022.	0.4	5
96	Polarization Of The High-Energy End Of The Electron-Nucleus Bremsstrahlung In Electron-Atom Collisions. , 2011, , .		1
97	Relativistic theory of the double photoionization of heliumlike atoms. Physical Review A, 2011, 84, .	2.5	8
98	Interelectronic interaction effects on the polarization of recombination photons. Physical Review A, 2011, 83, .	2.5	4
99	Nuclear-size correction to the Lamb shift of one-electron atoms. Physical Review A, 2011, 83, .	2.5	38
100	Helium fine structure theory for determination of Î±. Journal of Physics: Conference Series, 2011, 264, 012007.	0.4	18
101	The two-loop self-energy: diagrams in the coordinate-momentum representation. European Physical Journal D, 2010, 58, 57-68.	1.3	19
102	Off-resonant dielectronic recombination in a collision of an electron with a heavy hydrogenlike ion. Physical Review A, 2010, 81, .	2.5	4
103	Electron-atom bremsstrahlung: Double-differential cross section and polarization correlations. Physical Review A, 2010, 82, .	2.5	58
104	Fine Structure of Heliumlike Ions and Determination of the Fine Structure Constant. Physical Review Letters, 2010, 104, 070403.	7.8	89
105	Theoretical energies of low-lying states of light helium-like ions. Physical Review A, 2010, 81, .	2.5	107
106	QED corrections of order<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î±</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mi>Z</mml:mi><mml:mi>Î±</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (stret /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup><mml:msub><mml:mi>E</mml:mi><mml:mrow><mml:mi>F</mml:mi><mml:mi	2.5	10
107	the hyperfine splitting of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inlin Self-energy correction to the hyperfine splitting and the electron<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>g</mml:mi></mml:mrow></mml:math>factor in hydrogenlike ions. Physical Review A, 2010, 81, .	2.5	37
108	Publisher's Note: Reexamination of the helium fine structure [Phys. Rev. A79, 062516 (2009)]. Physical Review A, 2009, 80, .	2.5	19

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109	Two-loop self-energy for the ground state of medium-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Z</mml:mi></mml:math>hydrogenlike ions. Physical Review A, 2009, 80, .	2.5	30
110	Reexamination of the helium fine structure. Physical Review A, 2009, 79, .	2.5	50
111	Hyperfine structure of Li and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi mathvariant="normal">Be</mml:mi><mml:mo>+</mml:mo></mml:msup></mml:math>. Physical Review A, 2008, 78, .	2.5	38
112	Hyperfine structure ofSstates in Li andBe+. Physical Review A, 2008, 77, .	2.5	10
113	Two-loop QED corrections with closed fermion loops. Physical Review A, 2008, 77, .	2.5	39
114	Electron Self-Energy in the Presence of a Magnetic Field: Hyperfine Splitting and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>g</mml:mi></mml:math>Factor. Physical Review Letters, 2008, 100, 163001.	7.8	32
115	Two-loop QED corrections in few-electron ions. Canadian Journal of Physics, 2007, 85, 521-529.	1.1	15
116	QED treatment of electron correlation in Li-like ions. Physical Review A, 2007, 75, .	2.5	63
117	QED Calculation of the2p3/2â^'2p1/2Transition Energy in Boronlike Argon. Physical Review Letters, 2007, 98, .	7.8	67
118	Anomalous magnetic moments of free and bound leptons. Canadian Journal of Physics, 2006, 84, 453-462.	1.1	5
119	Quantum electrodynamic corrections to the hyperfine structure of excitedSstates. Physical Review A, 2006, 73, .	2.5	23
120	Quantum Electrodynamics of Heavy Ions and Atoms. AIP Conference Proceedings, 2006, , .	0.4	2
121	Mass measurements and the bound-electron g factor. International Journal of Mass Spectrometry, 2006, 251, 102-108.	1.5	32
122	QED effects in heavy few-electron ions. International Journal of Mass Spectrometry, 2006, 251, 109-118.	1.5	20
123	Nonperturbative Calculation of the Two-Loop Lamb Shift in Li-Like Ions. Physical Review Letters, 2006, 97, 253004.	7.8	71
124	Two-loop self-energy correction to the ground-state Lamb shift in H-like ions. Nuclear Instruments & Methods in Physics Research B, 2005, 235, 36-39.	1.4	0
125	g factor of lithiumlike ions. Nuclear Instruments & Methods in Physics Research B, 2005, 235, 55-60.	1.4	2
126	Negative-continuum dielectronic recombination into low-lying bound states of heavy ions. Nuclear Instruments & Methods in Physics Research B, 2005, 235, 270-275.	1.4	1

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127	Screened Self-energy Correction to the 2p[sub 3â^•2]â€“2s Transition Energy in Li-Like Ions. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2005, 99, 12.	0.6	10
128	Two-loop self-energy correction in a strong Coulomb nuclear field. Journal of Experimental and Theoretical Physics, 2005, 101, 280-293.	0.9	23
129	One-loop self-energy correction in a strong binding field. Physical Review A, 2005, 72, .	2.5	21
130	All-order results for the one-loop QED correction to the hyperfine structure in light H-like atoms. Physical Review A, 2005, 72, .	2.5	22
131	QED Corrections to the Parity-Nonconserving6sâ~7sAmplitude inCs133. Physical Review Letters, 2005, 94, 213002.	7.8	66
132	Two-loop self-energy contribution to the Lamb shift in H-like ions. Physical Review A, 2005, 71, .	2.5	52
133	Complete two-loop correction to the bound-electrongfactor. Physical Review A, 2005, 72, .	2.5	133
134	Radiative and correlation effects on the parity-nonconserving transition amplitude in heavy alkali-metal atoms. Physical Review A, 2005, 72, .	2.5	77
135	QED calculation of then=1andn=2energy levels in He-like ions. Physical Review A, 2005, 71, .	2.5	213
136	Evaluation of the self-energy correction to thegfactor ofSstates in H-like ions. Physical Review A, 2004, 69, .	2.5	80
137	Nonrelativistic QED Approach to the Bound-ElectrongFactor. Physical Review Letters, 2004, 93, 150401.	7.8	67
138	Dual Kinetic Balance Approach to Basis-Set Expansions for the Dirac Equation. Physical Review Letters, 2004, 93, 130405.	7.8	271
139	Relativistic and QED corrections to thegfactor of Li-like ions. Physical Review A, 2004, 70, .	2.5	68
140	Evaluation of the two-loop self-energy correction to the ground state energy of H-like ions to all orders in Z$alpha$. European Physical Journal D, 2003, 25, 203-238.	1.3	47
141	Quantum electrodynamical effects in heavy highly-charged ions. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 47-56.	1.4	5
142	Determination of the electronâ€™s mass from g -factor experiments on 12 C 5+ and 16 O 7+. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 15-19.	1.4	13
143	Theory of the g factor of lithium-like ions. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 20-24.	1.4	9
144	Towards tests of QED in Lamb-shift measurements of highly charged ions. X-Ray Spectrometry, 2003, 32, 83-88.	1.4	1

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145	Evaluation of the two-photon exchange diagrams for the(1s)22p3/2electron configuration in Li-like ions. Physical Review A, 2003, 67, .	2.5	23
146	Negative-continuum dielectronic recombination for heavy ions. Physical Review A, 2003, 67, .	2.5	19
147	Two-Loop Self-Energy Correction in High-ZHydrogenlike Ions. Physical Review Letters, 2003, 91, 073001.	7.8	96
148	New value for the electronÂs massÂtheoretical foundations. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 1019-1028.	1.5	6
149	Self-Energy Correction to the Bound-ElectrongFactor in H-like Ions. Physical Review Letters, 2002, 89, 143001.	7.8	100
150	Spin-flip process in radiative recombination of an electron with H- and Li-like uranium. Physical Review A, 2002, 66, .	2.5	16
151	gfactor of high-Zlithiumlike ions. Physical Review A, 2002, 65, .	2.5	69
152	Recoil Correction to the Bound-ElectrongFactor in H-Like Atoms to All Orders inÎ±Z. Physical Review Letters, 2002, 88, 091801.	7.8	119
153	Hyperfine quenching of the 23P0,2 states in He-like ions. Canadian Journal of Physics, 2002, 80, 1263-1269.	1.1	5
154	One-loop self-energy correction to the bound-electron g factor. Canadian Journal of Physics, 2002, 80, 1249-1254.	1.1	12
155	Evaluation of the two-photon exchange graphs for the2p1/2â^'2stransition in Li-like ions. Physical Review A, 2001, 64, .	2.5	71
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