

# Vladimir A Yerokhin

## List of Publications by Year in descending order

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Version: 2024-02-01

196  
papers

6,031  
citations

61857

43  
h-index

95083

68  
g-index

206  
all docs

206  
docs citations

206  
times ranked

1281  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculations of Delbrück scattering to all orders in $\alpha$ $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} < \text{mml:mrow} < \text{mml:mi} \hat{\pm} < / \text{mml:mi} < \text{mml:mi} Z < / \text{mml:mi} < / \text{mml:mrow} > < / \text{mml:math} >$ Physical Review A, 2022, 105, .		
2	Screening effects in the electron bremsstrahlung from heavy ions. Physical Review A, 2022, 105, .	1.0	0
3	Two-photon annihilation of positrons with $K$ -shell $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} < \text{mml:mi} K < / \text{mml:mi} < / \text{mml:math} >$ -shell electrons of H-like ions. Physical Review A, 2022, 105, .	1.0	2
4	Model-QED operator for superheavy elements. Physical Review A, 2022, 106, .	1.0	13
5	Radiative $Z\alpha$ $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} < \text{mml:mrow} < \text{mml:msup} < \text{mml:mi} \hat{\pm} < / \text{mml:mi} < \text{mml:mrow} < \text{mml:mi} Z < / \text{mml:mi} < / \text{mml:mrow} > < / \text{mml:math} >$ QED contribution to the helium Lamb shift. Physical Review A, 2021, 103, .	1.0	10
6	Polarization studies on Rayleigh scattering of hard x rays by closed-shell atoms. Physical Review A, 2021, 103, .	1.0	5
7	Two-loop virtual light-by-light scattering corrections to the bound-electron $g$ $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} < \text{mml:mi} g < / \text{mml:mi} < / \text{mml:math} >$ factor. Physical Review A, 2021, 103, .	1.0	7
8	Complete $Z\alpha$ $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} < \text{mml:mrow} < \text{mml:msup} < \text{mml:mi} \hat{\pm} < / \text{mml:mi} < \text{mml:mrow} < \text{mml:mi} Z < / \text{mml:mi} < / \text{mml:mrow} > < / \text{mml:math} >$ Lamb shift of helium triplet states. Physical Review A, 2021, 103, .	1.0	18
9	Atomic Structure Calculations of Helium with Correlated Exponential Functions. Symmetry, 2021, 13, 1246.	1.1	14
10	Nonlinearities of King's plot and their dependence on nuclear radii. Physical Review A, 2021, 104, .	1.0	11
11	Two-photon-exchange corrections to the $g$ factor of Li-like ions. Physical Review A, 2021, 104, .	1.0	5
12	Atomic processes with twisted electrons. Journal of Physics: Conference Series, 2020, 1412, 052013.	0.3	1
13	QED calculation of ionization energies of $1s^2$ states in helium. Physical Review A, 2020, 102, .	1.0	7
14	Atomic Physics Studies at the Gamma Factory at CERN. Annalen Der Physik, 2020, 532, 2000204.	0.9	33
15	QED calculation of the $2s$ $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} < \text{mml:mrow} < \text{mml:mrow} < \text{mml:mn} 2 < / \text{mml:mn} < \text{mml:mi} p < / \text{mml:mi} < / \text{mml:mrow} > < / \text{mml:mrow} > < / \text{mml:math} >$ fine structure in Li-like ions. Physical Review A, 2020, 102, .	1.0	10
16	Self-energy screening effects in the $g$ factor of Li-like ions. Physical Review A, 2020, 102, .	1.0	7
17	High-Precision Determination of Oxygen $K$ $\text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} < \text{mml:mi} K < / \text{mml:mi} < / \text{mml:math} >$ $\text{display="inline"} < \text{mml:mrow} < \text{mml:msub} < \text{mml:mi} 2 < / \text{mml:mi} < \text{mml:mi} \alpha < / \text{mml:mi} < / \text{mml:mrow} > < / \text{mml:math} >$ Transition Energy Excludes Incongruent Motion of Interstellar Oxygen. Physical Review Letters, 2020, 125, 243001.	1.1	3
18	Calculations of QED Effects with the Dirac Green Function. Symmetry, 2020, 12, 800.	1.1	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.	2.9	25
20	Radiative electron capture to the continuum in $U^{89+}$ collisions: Experiment and theory. Physical Review A, 2020, 101, .		
21	Nonradiative QED effects in the Lamb shift of helium triplet states. Physical Review A, 2020, 101, .		
22	QED corrections to the $g$ factor of Li- and B-like ions. Physical Review A, 2020, 101, .	1.0	12
23	Bremsstrahlung from twisted electrons in the field of heavy nuclei. Physical Review A, 2020, 101, .	1.0	10
24	Self-energy-corrected Dirac wave functions for advanced QED calculations in highly charged ions. Physical Review A, 2020, 101, .	1.0	6
25	Nonlinear isotope-shift effects in Be-like, B-like, and C-like argon. Physical Review A, 2020, 101, .	1.0	22
26	Theory of the two-loop self-energy correction to the $g$ factor in nonperturbative Coulomb fields. Physical Review Research, 2020, 2, .	1.3	14
27	$g$ Factor of Boronlike Argon Ar4013+. Physical Review Letters, 2019, 122, 253001.	2.9	42
28	Complete quantum electrodynamic $\hat{\Gamma}_{\pm 6m}$ correction to energy levels of light atoms. Physical Review A, 2019, 100, .	1.0	12
29	Theoretical Energy Levels of $1s^2$ and $1snp$ States of Helium-Like Ions. Journal of Physical and Chemical Reference Data, 2019, 48, .	1.9	13
30	Theory of the Lamb Shift in Hydrogen and Light Hydrogen-Like Ions. Annalen Der Physik, 2019, 531, 1800324.	0.9	52
31	Quantum-electrodynamic corrections to the $1s3d$ states of the helium atom. Physical Review A, 2019, 99, .	1.0	11
32	Equation of motion for a bound system of charged particles. Physical Review A, 2019, 100, .	1.0	3
33	Unexpectedly Large Difference of the Electron Density at the Nucleus in the $4p\ 2P_{1/2,3/2}$ 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.	3.0	38
35	Diagnostics of polarization purity of x rays by means of Rayleigh scattering. Physical Review A, 2018, 98, .	1.0	10
36	The $g$ factor of highly charged ions. Journal of Physics: Conference Series, 2018, 1138, 012002.	0.3	7

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37	Nuclear-structure corrections to the hyperfine splitting in muonic deuterium. Physical Review A, 2018, 98, .	1.0	18
38	Relativistic corrections to the Bethe logarithm for the $S$ and $P$ states. Physical Review A, 2018, 97, .	1.0	24
39	Two-loop self-energy in the Lamb shift of the ground and excited states of hydrogenlike ions. Physical Review A, 2018, 97, .	1.0	19
40	Improving the accuracy of the muon mass and magnetic moment anomaly via the bound-muon $g$ factor. Physical Review D, 2018, 97, .	1.6	4
41	Three-photon-exchange nuclear structure correction in hydrogenic systems. Physical Review A, 2018, 97, .	1.0	35
42	Energy Levels of Core-Excited $1s2s$ States in Lithium-Like Ions: Argon to Uranium. Journal of Physical and Chemical Reference Data, 2018, 47, .	1.9	20
43	Higher-order recoil corrections for singlet states of the helium atom. Physical Review A, 2017, 95, .	1.0	27
44	Unexpectedly large difference of the electron density at the nucleus in the $4p_{1/2,3/2}$ fine-structure doublet of Ca <sup>+</sup> . Applied Physics B: Lasers and Optics, 2017, 123, 1.	1.1	29
45	Testing fundamental interactions on the helium atom. Physical Review A, 2017, 95, .	1.0	75
46	Relativistic configuration-interaction calculations of the energy levels of the $1s$ and $2s$ states. Physical Review A, 2017, 96, .	1.0	26
47	One-loop electron self-energy for the bound-electron $g$ factor. Physical Review A, 2017, 95, .	1.0	28
48	Electron-correlation effects in the $g$ factor of light Li-like ions. Physical Review A, 2017, 95, .	1.0	24
49	Electric dipole polarizabilities of Rydberg states of alkali-metal atoms. Physical Review A, 2016, 94, .	1.0	17
50	Weighted difference of $g$ factors of light Li-like and H-like ions for an improved determination of the fine-structure constant. Physical Review A, 2016, 94, .	1.0	19
51	Higher-order recoil corrections for triplet states of the helium atom. Physical Review A, 2016, 94, .	1.0	33
52	H2SOLV: Fortran solver for diatomic molecules in explicitly correlated exponential basis. Computer Physics Communications, 2016, 208, 162-168.	3.0	5
53	Many-electron effects on x-ray Rayleigh scattering by highly charged He-like ions. Physical Review A, 2016, 93, .	1.0	21
54	Nuclear recoil corrections to the Lamb shift of hydrogen and light hydrogenlike ions. Physical Review A, 2016, 93, .	1.0	17

#	ARTICLE	IF	CITATIONS
55	$\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle mml:mi>g</mml:mi> \langle /mml:math>$ Factor of Light Ions for an Improved Determination of the Fine-Structure Constant. Physical Review Letters, 2016, 116, 100801.	2.9	49
56	Polarization transfer in Rayleigh scattering of hard x-rays. New Journal of Physics, 2016, 18, 103034.	1.2	12
57	QED corrections to radiative recombination and radiative decay of heavy hydrogenlike ions. Physical Review A, 2015, 92, .	1.0	8
58	Target effects in negative-continuum-assisted dielectronic recombination. Physical Review A, 2015, 92, .	1.0	2
59	Spin-orbit interaction in bremsstrahlung and its effect on the electron motion in a strong Coulomb field. Physical Review A, 2015, 92, .	1.0	12
60	Nuclear Recoil Effect in the Lamb Shift of Light Hydrogenlike Atoms. Physical Review Letters, 2015, 115, 233002.	2.9	34
61	Lamb Shift of $\langle i>n</i> = 1$ and $\langle i>n</i> = 2$ States of Hydrogen-like Atoms, $1 \hat{\%} \langle i>Z</i> \hat{\%} 110$ . Journal of Physical and Chemical Reference Data, 2015, 44, .	1.9	98
62	Theory of the Helium Isotope Shift. Journal of Physical and Chemical Reference Data, 2015, 44, .	1.9	31
63	Strong effect of the electron spin on bremsstrahlung observed in the relativistic regime. Journal of Physics: Conference Series, 2015, 635, 052089.	0.3	0
64	Rayleigh scattering of x-rays by many-electron ions. Journal of Physics: Conference Series, 2015, 635, 092016.	0.3	0
65	Compton polarimetry using double-sided segmented x-ray detectors. Journal of Physics: Conference Series, 2015, 583, 012041.	0.3	8
66	Rayleigh x-ray scattering from many-electron atoms and ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2015, 48, 144015.	0.6	16
67	QEDMOD: Fortran program for calculating the model Lamb-shift operator. Computer Physics Communications, 2015, 189, 175-181.	3.0	80
68	Relativistic configuration-interaction calculation of $K_{\pm}$ transition energies in beryllium-like argon. Physica Scripta, 2015, 90, 054003.	1.2	6
69	Relativistic calculations of double-K-shell-photoionization cross sections for neutral medium-Z atoms. Physical Review A, 2014, 90, .	1.0	4
70	Radiative-electron-capture-to-continuum cusp in $U^{88++}N_2$ collisions and the high-energy endpoint of electron-nucleus bremsstrahlung. Physical Review A, 2014, 90, .	1.0	25
71	Relativistic theory for radiative forward electron emission in heavy ion-atom encounters. European Physical Journal D, 2014, 68, 1.	0.6	2
72	Polarization of atomic bremsstrahlung in coincidence studies. Physical Review A, 2014, 90, .	1.0	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.	3.0	12
74	Relativistic configuration-interaction calculation of $K\pm$ transition energies in berylliumlike iron. Physical Review A, 2014, 90, .	1.0	22
75	Electron polarimetry with bremsstrahlung. Journal of Physics: Conference Series, 2014, 488, 012057.	0.3	3
76	Bremsstrahlung polarization correlations and their application for polarimetry of electron beams. Journal of Physics: Conference Series, 2014, 488, 042021.	0.3	0
77	Model operator approach to the Lamb shift calculations in relativistic many-electron atoms. Physical Review A, 2013, 88, .	1.0	133
78	Polarization correlations in the elastic Rayleigh scattering of photons by hydrogenlike ions. Physical Review A, 2013, 88, .	1.0	19
79	Relativistic theory for radiative ionization of light atoms by heavy ions. European Physical Journal D, 2013, 67, 1.	0.6	3
80	Observation of the spin-orbit interaction in bremsstrahlung. Physica Scripta, 2013, T156, 014071.	1.2	2
81	Bremsstrahlung of polarized positrons scattered off atoms. Physica Scripta, 2013, T156, 014072.	1.2	0
82	Two-loop QED corrections with closed fermion loops for the bound-electron $\langle \mathbf{g} \rangle$ factor. Physical Review A, 2013, 88, .	1.0	34
83	Application of the fully correlated basis of exponential functions for molecular hydrogen. Physical Review A, 2013, 87, .	1.0	6
84	Bremsstrahlung polarization correlations and their application for polarimetry of electron beams. Physical Review A, 2013, 87, .	1.0	30
85	Nuclear-size self-energy and vacuum-polarization corrections to the bound-electron $\langle \mathbf{g} \rangle$ factor. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 245002.	0.6	15
86	Polarization Transfer of Bremsstrahlung Arising from Spin-Polarized Electrons. Physical Review Letters, 2012, 108, 264801.	2.9	59
87	Frequency Metrology of Helium around 1083 Å and Determination of the Nuclear Charge Radius. Physical Review Letters, 2012, 108, 143001.	2.9	80
88	Relativistic configuration-interaction calculation of energy levels of core-excited states in lithiumlike ions: Argon through krypton. Physical Review A, 2012, 86, .	1.0	26
89	QED calculation of the nuclear magnetic shielding for hydrogenlike ions. Physical Review A, 2012, 85, .	1.0	26
90	Comparative study of the electron-atom and positron-atom bremsstrahlung. Physical Review A, 2012, 86, .	1.0	8

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91	Quantum electrodynamic calculation of the hyperfine structure of $^3\text{He}$ . Physical Review A, 2012, 85, .	1.0	22
92	PEBSI – 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.	0.6	12
93	Fine structure of helium and light helium-like ions This paper was presented at the International Conference on Precision Physics of Simple Atomic Systems, held at $\text{A}^{\circ}\text{cole de Physique, les Houches, France, 30 May – 4 June, 2010.}$ Canadian Journal of Physics, 2011, 89, 95-101.	0.4	10
94	QED Theory of the Nuclear Magnetic Shielding in Hydrogenlike Ions. Physical Review Letters, 2011, 107, 043004.	2.9	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.	0.3	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, .	1.0	8
98	Interelectronic interaction effects on the polarization of recombination photons. Physical Review A, 2011, 83, .	1.0	4
99	Nuclear-size correction to the Lamb shift of one-electron atoms. Physical Review A, 2011, 83, .	1.0	38
100	Helium fine structure theory for determination of $\hat{I}_{\pm}$ . Journal of Physics: Conference Series, 2011, 264, 012007.	0.3	18
101	The two-loop self-energy: diagrams in the coordinate-momentum representation. European Physical Journal D, 2010, 58, 57-68.	0.6	19
102	Off-resonant dielectronic recombination in a collision of an electron with a heavy hydrogenlike ion. Physical Review A, 2010, 81, .	1.0	4
103	Electron-atom bremsstrahlung: Double-differential cross section and polarization correlations. Physical Review A, 2010, 82, .	1.0	58
104	Fine Structure of Heliumlike Ions and Determination of the Fine Structure Constant. Physical Review Letters, 2010, 104, 070403.	2.9	89
105	Theoretical energies of low-lying states of light helium-like ions. Physical Review A, 2010, 81, .	1.0	107
106	QED corrections of order $\hat{I}_{\pm}$ . Self-energy correction to the hyperfine splitting and the electron $\hat{I}_{\pm}$ factor in hydrogenlike ions. Physical Review A, 2010, 81, .	1.0	10
107	Self-energy correction to the hyperfine splitting and the electron $\hat{I}_{\pm}$ factor in hydrogenlike ions. Physical Review A, 2010, 81, .	1.0	37
108	Publisher's Note: Reexamination of the helium fine structure [Phys. Rev. A <b>79</b> , 062516 (2009)]. Physical Review A, 2009, 80, .	1.0	19

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109	Two-loop self-energy for the ground state of medium- $Z$ hydrogenlike ions. Physical Review A, 2009, 80, .	1.0	30
110	Reexamination of the helium fine structure. Physical Review A, 2009, 79, .	1.0	50
111	Hyperfine structure of Li and $Be^+$ . Physical Review A, 2008, 78, .	1.0	38
112	Hyperfine structure of Sstates in Li and $Be^+$ . Physical Review A, 2008, 77, .	1.0	10
113	Two-loop QED corrections with closed fermion loops. Physical Review A, 2008, 77, .	1.0	39
114	Electron Self-Energy in the Presence of a Magnetic Field: Hyperfine Splitting and $g$ Factor. Physical Review Letters, 2008, 100, 163001.	2.9	32
115	Two-loop QED corrections in few-electron ions. Canadian Journal of Physics, 2007, 85, 521-529.	0.4	15
116	QED treatment of electron correlation in Li-like ions. Physical Review A, 2007, 75, .	1.0	63
117	QED Calculation of the $2p_{3/2} \rightarrow 2p_{1/2}$ Transition Energy in Boronlike Argon. Physical Review Letters, 2007, 98, .	2.9	67
118	Anomalous magnetic moments of free and bound leptons. Canadian Journal of Physics, 2006, 84, 453-462.	0.4	5
119	Quantum electrodynamic corrections to the hyperfine structure of excited Sstates. Physical Review A, 2006, 73, .	1.0	23
120	Quantum Electrodynamics of Heavy Ions and Atoms. AIP Conference Proceedings, 2006, , .	0.3	2
121	Mass measurements and the bound-electron $g$ factor. International Journal of Mass Spectrometry, 2006, 251, 102-108.	0.7	32
122	QED effects in heavy few-electron ions. International Journal of Mass Spectrometry, 2006, 251, 109-118.	0.7	20
123	Nonperturbative Calculation of the Two-Loop Lamb Shift in Li-Like Ions. Physical Review Letters, 2006, 97, 253004.	2.9	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.	0.6	0
125	$g$ factor of lithiumlike ions. Nuclear Instruments & Methods in Physics Research B, 2005, 235, 55-60.	0.6	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.	0.6	1



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127	Screened Self-energy Correction to the $2p_{3/2} \rightarrow 2s$ Transition Energy in Li-Like Ions. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2005, 99, 12.	0.2	10
128	Two-loop self-energy correction in a strong Coulomb nuclear field. Journal of Experimental and Theoretical Physics, 2005, 101, 280-293.	0.2	23
129	One-loop self-energy correction in a strong binding field. Physical Review A, 2005, 72, .	1.0	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, .	1.0	22
131	QED Corrections to the Parity-Nonconserving $6s \rightarrow 7s$ Amplitude in $^{133}\text{Cs}$ . Physical Review Letters, 2005, 94, 213002.	2.9	66
132	Two-loop self-energy contribution to the Lamb shift in H-like ions. Physical Review A, 2005, 71, .	1.0	52
133	Complete two-loop correction to the bound-electron g-factor. Physical Review A, 2005, 72, .	1.0	133
134	Radiative and correlation effects on the parity-nonconserving transition amplitude in heavy alkali-metal atoms. Physical Review A, 2005, 72, .	1.0	77
135	QED calculation of the $n=1$ and $n=2$ energy levels in He-like ions. Physical Review A, 2005, 71, .	1.0	213
136	Evaluation of the self-energy correction to the g-factor of S states in H-like ions. Physical Review A, 2004, 69, .	1.0	80
137	Nonrelativistic QED Approach to the Bound-Electron g-Factor. Physical Review Letters, 2004, 93, 150401.	2.9	67
138	Dual Kinetic Balance Approach to Basis-Set Expansions for the Dirac Equation. Physical Review Letters, 2004, 93, 130405.	2.9	271
139	Relativistic and QED corrections to the g-factor of Li-like ions. Physical Review A, 2004, 70, .	1.0	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.	0.6	47
141	Quantum electrodynamical effects in heavy highly-charged ions. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 47-56.	0.6	5
142	Determination of the electron's mass from g-factor experiments on $^{12}\text{C}^{5+}$ and $^{16}\text{O}^{7+}$ . Nuclear Instruments & Methods in Physics Research B, 2003, 205, 15-19.	0.6	13
143	Theory of the g factor of lithium-like ions. Nuclear Instruments & Methods in Physics Research B, 2003, 205, 20-24.	0.6	9
144	Towards tests of QED in Lamb-shift measurements of highly charged ions. X-Ray Spectrometry, 2003, 32, 83-88.	0.9	1

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145	Evaluation of the two-photon exchange diagrams for the $(1s)2p^3/2$ electron configuration in Li-like ions. <i>Physical Review A</i> , 2003, 67, .	1.0	23
146	Negative-continuum dielectronic recombination for heavy ions. <i>Physical Review A</i> , 2003, 67, .	1.0	19
147	Two-Loop Self-Energy Correction in High-Z Hydrogenlike Ions. <i>Physical Review Letters</i> , 2003, 91, 073001.	2.9	96
148	New value for the electron's mass theoretical foundations. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 1019-1028.	0.6	6
149	Self-Energy Correction to the Bound-Electron g Factor in H-like Ions. <i>Physical Review Letters</i> , 2002, 89, 143001.	2.9	100
150	Spin-flip process in radiative recombination of an electron with H- and Li-like uranium. <i>Physical Review A</i> , 2002, 66, .	1.0	16
151	g factor of high-Z lithiumlike ions. <i>Physical Review A</i> , 2002, 65, .	1.0	69
152	Recoil Correction to the Bound-Electron g Factor in H-Like Atoms to All Orders in $1/Z$ . <i>Physical Review Letters</i> , 2002, 88, 091801.	2.9	119
153	Hyperfine quenching of the $2^3P_{0,2}$ states in He-like ions. <i>Canadian Journal of Physics</i> , 2002, 80, 1263-1269.	0.4	5
154	One-loop self-energy correction to the bound-electron g factor. <i>Canadian Journal of Physics</i> , 2002, 80, 1249-1254.	0.4	12
155	Evaluation of the two-photon exchange graphs for the $2p_{1/2} \rightarrow 2s$ transition in Li-like ions. <i>Physical Review A</i> , 2001, 64, .	1.0	71
156	Loop-After-Loop Contribution to the Second-Order Self-Energy in Hydrogen. <i>Lecture Notes in Physics</i> , 2001, , 800-809.	0.3	0
157	Towards a Test of QED in Investigations of the Hyperfine Splitting in Heavy Ions. <i>Physical Review Letters</i> , 2001, 86, 3959-3962.	2.9	111
158	Rigorous quantum electrodynamics treatment of electron correlations in high-Z ions: Beyond the Breit and effective-potential approximations. <i>The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties</i> , 2001, 81, 1547-1555.	0.6	0
159	Vacuum-Polarization Screening Corrections to the Low-Lying Energy Levels of Heliumlike Ions. <i>Hyperfine Interactions</i> , 2001, 132, 367-372.	0.2	1
160	QED Effects in Heavy Few-Electron Ions. <i>Hyperfine Interactions</i> , 2001, 132, 339-346.	0.2	4
161	Title is missing!. <i>Hyperfine Interactions</i> , 2001, 132, 391-394.	0.2	1
162	Leading Logarithmic Contribution to the Second-Order Lamb Shift Induced by the Loop-After-Loop Diagram. <i>Physical Review Letters</i> , 2001, 86, 1990-1993.	2.9	19

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163	One-loop self-energy correction to the 1s and 2s hyperfine splitting in H-like systems. Physical Review A, 2001, 64, .	1.0	38
164	Vacuum-polarization corrections to the hyperfine splitting in heavy ions and to the nuclear magnetic moments. Physical Review A, 2001, 63, .	1.0	25
165	Two-loop self-energy correction in H-like ions. Physical Review A, 2001, 64, .	1.0	65
166	QED Effects in Heavy Few-Electron Ions. , 2001, , 341-348.		0
167	Vacuum-Polarization Screening Corrections to the Low-Lying Energy Levels of Heliumlike Ions. , 2001, , 369-374.		0
168	Third-order interelectronic-interaction correction to the $2p_{1/2} \rightarrow 2s$ transition energy in lithiumlike ions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 277, 227-232.	0.9	18
169	Calculation of the hyperfine structure of heavy H and Li like ions. , 2000, 127, 279-286.		29
170	Lamb shift calculations for high-Z lithium like ions. , 2000, 127, 311-314.		0
171	Interelectronic-interaction effect on the radiative recombination of an electron with a heavy He-like ion. Physical Review A, 2000, 62, .	1.0	16
172	Vacuum-polarization screening corrections to the energy levels of heliumlike ions. Physical Review A, 2000, 62, .	1.0	26
173	QED corrections to the radiative recombination of an electron with a bare nucleus. Physical Review A, 2000, 61, .	1.0	35
174	Two-Photon Exchange Corrections to the $2p_{1/2} \rightarrow 2s$ Transition Energy in Li-Like High-Z Ions. Physical Review Letters, 2000, 85, 4699-4702.	2.9	61
175	Loop-after-loop contribution to the second-order Lamb shift in hydrogenlike low-Z atoms. Physical Review A, 2000, 62, .	1.0	48
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