

Leonti Labzowsky

List of Publications by Year in descending order

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152
papers

2,344
citations

279487

23
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253896

43
g-index

156
all docs

156
docs citations

156
times ranked

685
citing authors

#	ARTICLE	IF	CITATIONS
1	Parity violation effects in diatomics. Journal of Physics B: Atomic, Molecular and Optical Physics, 1995, 28, 1933-1961.	0.6	243
2	Full QED calculations of two-photon exchange for heliumlike systems: Analysis in the Coulomb and Feynman gauges. Physical Review A, 1995, 51, 1167-1195.	1.0	151
3	QED theory of the spectral line profile and its applications to atoms and ions. Physics Reports, 2008, 455, 135-246.	10.3	92
4	Nuclear polarization effects in spectra of multicharged ions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 222, 227-232.	0.9	84
5	Estimated valence-level Lamb shifts for group 1 and group 11 metal atoms. Physical Review A, 1998, 57, R689-R692.	1.0	75
6	Parity-violation effect in heliumlike gadolinium and europium. Physical Review A, 2001, 63, .	1.0	75
7	Calculated self-energy contributions for annvalence electron using the multiple-commutator method. Physical Review A, 1999, 59, 2707-2711.	1.0	72
8	Second order loop after loop self-energy correction for few-electron multicharged ions. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 200, 51-55.	0.9	70
9	Second-order QED corrections for few-electron heavy ions: reducible Breit-Coulomb correction and mixed self-energy-vacuum polarization correction. Journal of Physics B: Atomic, Molecular and Optical Physics, 1993, 26, L503-L509.	0.6	62
10	Second-order self-energyâ€“vacuum-polarization contributions to the Lamb shift in highly charged few-electron ions. Physical Review A, 1996, 54, 2805-2813.	1.0	59
11	QED calculation of E1M1 and E1E2 transition probabilities in one-electron ions with arbitrary nuclear charge. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 265-278.	0.6	52
12	QED corrections to the binding energy of the eka-radon(Z=118)negative ion. Physical Review A, 2003, 67, .	1.0	50
13	Asymmetry of the Natural Line Profile for the Hydrogen Atom. Physical Review Letters, 2001, 87, 143003.	2.9	48
14	Dynamic proton model for the hyperfine structure of the hydrogenlike ion Bi ⁸²⁺ . Physical Review A, 1995, 51, 4597-4602.	1.0	46
15	QED calculation of the interelectron interaction in two- and three-electron ions. Physical Review A, 2001, 64, .	1.0	44
16	Second-Order Electron Self-Energy in Hydrogenlike Ions. Physical Review Letters, 1999, 83, 2312-2315.	2.9	43
17	Higher-order QED corrections for multi-charged ions. Physica Scripta, 1993, T46, 150-156.	1.2	35
18	Parity violation in heliumlike uranium. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 172, 62-65.	0.9	28

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19	Two-photon decay of excited levels in hydrogen: The ambiguity of the separation of cascades and pure two-photon emission. <i>Physical Review A</i> , 2009, 80, .	1.0	27
20	Nonresonant corrections to the $1s^2$ two-photon resonance for the hydrogen atom. <i>Physical Review A</i> , 2002, 65, .	1.0	26
21	Evaluation of the low-lying energy levels of two- and three-electron configurations for multicharged ions. <i>Physical Review A</i> , 2003, 67, .	1.0	25
22	Overlapping resonances in the process of recombination of an electron with hydrogenlike uranium. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992, 161, 453-457.	0.9	24
23	Line-profile approach to the description of the electron-recombination process for the highly charged ions. <i>Physical Review A</i> , 2009, 80, .	1.0	24
24	QED derivation of the Stark shift and line broadening induced by blackbody radiation. <i>Physical Review A</i> , 2015, 92, .	1.0	24
25	Renormalization of the second-order electron self-energy for a tightly bound atomic electron: A detailed derivation. <i>Physical Review A</i> , 1996, 53, 3029-3043.	1.0	23
26	QED theory of multiphoton transitions in atoms and ions. <i>Physics Reports</i> , 2018, 737, 1-84.	10.3	22
27	Importance of the non-resonant corrections for the modern Lamb shift measurements in the multicharged hydrogen-like ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, L439-L445.	0.6	21
28	Multiple commutator expansion for the Lamb shift in a strong Coulomb field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997, 30, 177-187.	0.6	21
29	Vacuum-polarization corrections to the hyperfine-structure splitting of highly charged $^{83}209\text{Bi}$ ions. <i>Physical Review A</i> , 1997, 56, 4508-4516.	1.0	21
30	Standard model in strong fields: Electroweak radiative corrections for highly charged ions. <i>Physical Review A</i> , 1999, 61, .	1.0	21
31	Schemes for radiative polarization of ion beams in storage rings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 574, 180-185.	1.5	21
32	QED calculation of transition probabilities in two-electron ions. <i>Physical Review A</i> , 2009, 79, .	1.0	21
33	Testing the Time Dependence of Fundamental Constants in the Spectra of Multicharged Ions. <i>Physical Review Letters</i> , 2005, 94, .	2.9	20
34	Theory of the polarization of highly charged ions in storage rings: Production, preservation, observation and application to the search for a violation of the fundamental symmetries. <i>Physics Reports</i> , 2011, 507, 1-42.	10.3	20
35	Calculation of quasidegenerate energy levels of two-electron ions. <i>Physical Review A</i> , 2004, 69, .	1.0	19
36	Two-photon $E1M1$ and $E1E2$ transitions between $2p$ and $1s$ levels in hydrogen. <i>European Physical Journal D</i> , 2006, 37, 335-343.	0.6	19

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37	QED theory of cascades and two-photon transitions and calculation of the $E1\hat{M}1$ transition probability in two-electron highly charged ions. <i>Physical Review A</i> , 2004, 69, .	1.0	18
38	P , T -odd electron-nucleus interaction in atomic systems as an exchange by Higgs bosons. <i>Physical Review A</i> , 2016, 93, .	1.0	17
39	Overlap of the line profiles in the spectra of the heliumlike uranium. <i>Physica Scripta</i> , 1992, 46, 225-229.	1.2	15
40	Adiabatic S-matrix approach in QED theory of highly charged two-electron ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1993, 26, 1039-1069.	0.6	15
41	Renormalization of the second-order self-energy for a tightly bound atomic electron. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1995, 198, 333-340.	0.9	14
42	Electron self-energy calculations for tightly bound electrons in atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1998, 31, L477-L482.	0.6	14
43	Influence of external electric fields on multi-photon transitions between the 2s, 2p and 1s levels for hydrogen and antihydrogen atoms and hydrogen-like ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 074005.	0.6	14
44	Vacuum polarization - nuclear polarization corrections to the Lamb shift in heavy atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1996, 29, 3841-3854.	0.6	13
45	The non-resonant corrections to the process of the radiative electron capture of highly charged heavy ions. <i>Physica Scripta</i> , 1997, 56, 271-274.	1.2	13
46	Estimates of the bound-state QED contributions to the g-factor of valence ns electrons in alkali metal atoms. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1999, 258, 31-37.	0.9	13
47	Nonresonant corrections for the hydrogen atom. <i>Canadian Journal of Physics</i> , 2002, 80, 1187-1194.	0.4	13
48	Radiative interference effects in the dielectronic-recombination process of an electron with hydrogenlike uranium. <i>Physical Review A</i> , 1994, 49, 236-239.	1.0	12
49	Analytic evaluation of the nuclear polarization contribution to the energy shift in heavy ions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1994, 188, 371-375.	0.9	12
50	Hyperfine structure of the state of highly charged ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1997, 30, 1427-1435.	0.6	12
51	Estimate of the second order electron self energy corrections in highly charged heavy ions. , 2000, 127, 293-296.		12
52	On the electric dipole moment of the electron and the P, T -odd electron-nucleus interaction in highly-charged heavy ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 144007.	0.6	12
53	Chapter 8 QED theory of atoms. <i>Theoretical and Computational Chemistry</i> , 2002, 11, 401-467.	0.2	11
54	Nuclear anapole moments from beams of highly charged ions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 534, 52-56.	1.5	11

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55	Relativistic calculations of transition probabilities in two-electron multicharged ions. Journal of Physics B: Atomic and Molecular Physics, 1974, 7, 2471-2475.	1.6	10
56	Reference state contributions to the two-photon interaction corrections for the energy shifts in multicharged few-electron ions. Journal of Physics B: Atomic, Molecular and Optical Physics, 1995, 28, 3717-3727.	0.6	10
57	One- and two-photon resonant spectroscopy of hydrogen and anti-hydrogen atoms in external electric fields. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, L227-L233.	0.6	10
58	Decay channels and decay rates for the hydrogen-antihydrogen quasimolecule. Physical Review A, 2005, 72, .	1.0	10
59	Nonresonant corrections for the optical resonance frequency measurements in the hydrogen atom. Physical Review A, 2009, 79, .	1.0	10
60	Two-photon transitions with cascades: Two-photon transition rates and two-photon level widths. Physical Review A, 2014, 89, .	1.0	10
61	$P, \hat{A}T$ -odd Faraday rotation in heavy neutral atoms. Physical Review A, 2018, 97, .	1.0	10
62	Spin rearrangement of atoms in strong magnetic fields. Physics Letters, Section A: General, Atomic and Solid State Physics, 1972, 40, 281-282.	0.9	9
63	Conjugated molecules in strong magnetic fields. International Journal of Quantum Chemistry, 1973, 7, 985-989.	1.0	9
64	QED Theory of Transition Probabilities and Line Profiles in Highly Charged Ions. Annals of Physics, 2002, 302, 22-58.	1.0	9
65	Theoretical Study of the Accuracy Limits of Optical Resonance Frequency Measurements. Physical Review Letters, 2007, 98, 203003.	2.9	9
66	P, T -odd Faraday effect in intracavity absorption spectroscopy. Physical Review A, 2017, 96, .	1.0	9
67	E1M1 and E1E2 transition probabilities in one-electron ions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 333, 289-297.	0.9	8
68	$\hat{I}\odot$ -doubling and a limit for the enhancement of the electron EDM effect in diatomic molecules. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 2857-2860.	0.9	8
69	Exclusion principle for photons: Spin-statistic selection rules for multiphoton transitions in atomic systems. Physical Review A, 2015, 91, .	1.0	8
70	On the Search for the Electric Dipole Moment of the Electron: P -, T -Odd Faraday Effect on a PbF Molecular Beam. JETP Letters, 2019, 110, 382-386.	0.4	8
71	A new variational principle for the Lamb shift of the levels of a many-electron atom. Physics Letters, Section A: General, Atomic and Solid State Physics, 1969, 29, 153-154.	0.9	7
72	The Reference State Coulomb-Breit Qed Corrections for the Few-Electron Highly Charged Ions. Advances in Quantum Chemistry, 1998, , 393-413.	0.4	7

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73	The interelectron interaction corrections to the hyperfine structure of the $2p_{3/2}$ state in Li-like, B-like and N-like 20983Bi ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 843-851.	0.6	7
74	Rydberg states of the hydrogen-antihydrogen quasimolecule. <i>Physical Review A</i> , 2006, 73, .	1.0	7
75	Theory of the multiphoton cascade transitions with two photon links: comparison of quantum electrodynamical and quantum mechanical approaches. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2014, 47, 115007.	0.6	7
76	Evaluation of the $P, \hat{A}T$ -odd Faraday effect in Xe and Hg atoms. <i>Physical Review A</i> , 2019, 99, .	1.0	7
77	Hyperfine Structure of Highly Charged U_{92238} Ions with Rotationally Excited Nuclei. <i>Physical Review Letters</i> , 2000, 84, 851-854.	2.9	6
78	Effects of QED and Beyond from the Atomic Binding Energy. <i>Hyperfine Interactions</i> , 2001, 132, 75-103.	0.2	6
79	Radiative corrections to hydrogenlike ions and heavy alkali-metal atoms in a magnetic field. <i>Physical Review A</i> , 2002, 66, .	1.0	6
80	Resonant spectroscopy of the antihydrogen atom. <i>Physical Review A</i> , 2003, 68, .	1.0	6
81	Multiple resonant photon scattering on the hydrogen atom and the shift of the photon intensity distribution. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 3271-3281.	0.6	6
82	Optical Rotation Approach to Search for the Electric Dipole Moment of the Electron. <i>Atoms</i> , 2019, 7, 56.	0.7	6
83	Importance of nonresonant corrections for the description of atomic spectra. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 125002.	0.6	6
84	Overlapping identical resonances and radiative interference effects in recombination of heavy multicharged ions. <i>Physical Review A</i> , 1999, 60, 2069-2075.	1.0	5
85	Intensity distribution shift for the resonant photon scattering on the hydrogen atom. <i>Physical Review A</i> , 2002, 66, .	1.0	5
86	Hyperfine quenching of polarized two-electron ions in an external magnetic field. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 6642-6647.	0.9	5
87	Two-photon approximation in the theory of electron recombination in hydrogen. <i>Physical Review A</i> , 2010, 81, .	1.0	5
88	Two-photon decays of highly excited states in hydrogen. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 175001.	0.6	5
89	Spin-statistic selection rules for multiphoton transitions: Application to helium atoms. <i>Physical Review A</i> , 2016, 93, .	1.0	5
90	Parity conserving weak interaction corrections to energy levels of highly charged ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1995, 28, L719-L722.	0.6	4

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91	The second-order electron self-energy counterterms in bound state QED. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 240, 225-234.	0.9	4
92	Evidence for the absence of regularization corrections to the partial-wave renormalization procedure in one-loop self-energy calculations in external fields. Physical Review A, 2002, 65, .	1.0	4
93	Hyperfine structure of the $2p_{3/2}$ state of Li-like, B-like, and N-like ions. Physical Review A, 2003, 68, .	1.0	4
94	Quantum Beats in Hydrogen and Antihydrogen Atoms in an External Electric Field. Physical Review Letters, 2004, 92, 133003.	2.9	4
95	Potential Energy Curves for Excited States of the Hydrogen-Antihydrogen System. Physical Review Letters, 2006, 97, 103005.	2.9	4
96	Nonresonant corrections and limits for the accuracy of the frequency measurements in modern hydrogen experiments. Canadian Journal of Physics, 2007, 85, 585-595.	0.4	4
97	Radiative double-electron capture by bare nucleus with emission of one photon. Physical Review A, 2011, 84, .	1.0	4
98	Counterterms for the second-order electron self-energy in bound-state QED. Physical Review A, 1998, 57, 4038-4040.	1.0	3
99	SPECTROSCOPY OF THE HYDROGEN AND ANTI-HYDROGEN ATOMS IN EXTERNAL FIELDS. International Journal of Modern Physics B, 2004, 18, 3875-3886.	1.0	3
100	A quadrupole moment of Bi nucleus: possible determination from the hyperfine structure of the few-electron Bi ions. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 323, 260-266.	0.9	3
101	Third-order negative-energy contributions to transition amplitudes in heliumlike ions. Physical Review A, 2005, 72, .	1.0	3
102	Antihydrogen atom in external electric and magnetic fields. Physical Review A, 2005, 71, .	1.0	3
103	Parity Nonconservation Effects in the Highly Charged Ions. Journal of Physics: Conference Series, 2007, 72, 012010.	0.3	3
104	Intensity distribution shift in multiple nonresonant photon scattering on the hydrogen atom. Journal of Physics B: Atomic, Molecular and Optical Physics, 2007, 40, 525-535.	0.6	3
105	Variational estimates for exchange-correlation interaction obtained within Super-CI approach to MCSCF approximation. International Journal of Quantum Chemistry, 2007, 107, 2616-2621.	1.0	3
106	Axial anomaly contribution to the parity-nonconservation effects in atoms and ions. Physical Review A, 2009, 80, .	1.0	3
107	Extension of the sum rule for the transition rates between multiplets to the multiphoton case. European Physical Journal D, 2011, 61, 297-304.	0.6	3
108	Method for the production of highly charged ions with polarized nuclei and zero total electron angular momentum. Physical Review A, 2014, 90, .	1.0	3

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109	Considerations towards the possibility of the observation of parity nonconservation in highly charged ions in storage rings. <i>Physica Scripta</i> , 2018, 93, 025401.	1.2	3
110	P,T -odd Faraday rotation in intracavity absorption spectroscopy with a molecular beam as a possible way to improve the sensitivity of the search for time-reflection-noninvariant effects in nature. <i>Physical Review A</i> , 2021, 103, .	1.0	3
111	Collective excitations of the many-electron atom. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1969, 29, 44-45.	0.9	2
112	Density matrix expansions and their application in the theory of the many-electron systems. <i>International Journal of Quantum Chemistry</i> , 1975, 9, 35-46.	1.0	2
113	The Standard Model in strong fields: electroweak radiative corrections for highly charged ions. , 2000, 127, 301-304.		2
114	Evaluation of the low-lying energy levels of two- and three-electron configurations for highly charged ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2003, 205, 25-29.	0.6	2
115	Contribution of Gerhard Soff to bound state QED. <i>Physica Scripta</i> , 2006, 73, C119-C129.	1.2	2
116	The two-photon approximation for the four-photon decay of the 4d excited state in hydrogenThis paper was presented at the International Conference on Precision Physics of Simple Atomic Systems, held at École de Physique, les Houches, France, 30 Mayâ€”4 June, 2010.. <i>Canadian Journal of Physics</i> , 2011, 89, 123-127.	0.4	2
117	QED model of the radiation escape from matter. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2012, 45, 165006.	0.6	2
118	QED calculations of three-photon transition probabilities in H-like ions with arbitrary nuclear charge. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 055001.	0.6	2
119	Effects of parity nonconservation in a molecule of oxygen. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 105101.	0.6	2
120	Influence of BBR-Induced Level Mixing Effect on Cosmological Recombination of Hydrogen and Singly Ionized Helium Atoms. <i>Journal of Experimental and Theoretical Physics</i> , 2018, 126, 8-20.	0.2	2
121	Nuclear Spin-Dependent Effects of Parity Nonconservation in Ortho-H ₂ . <i>Symmetry</i> , 2020, 12, 141.	1.1	2
122	Photon-spin-dependent contribution to the P,T -odd Faraday rotation effect for atoms. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 055001.	0.6	2
123	Second-Order Self-Energy Calculations for Tightly Bound Electrons in Hydrogen-Like Ions. , 2001, , 619-636.		2
124	Second-order correlation potential in the Kohn-Sham approximation for atoms. <i>International Journal of Quantum Chemistry</i> , 1991, 40, 421-428.	1.0	1
125	Overlapping identical resonances and double radiative interference effects in recombination of heavy multicharged ions. <i>JETP Letters</i> , 1998, 68, 576-581.	0.4	1
126	Towards tests of QED in Lamb-shift measurements of highly charged ions. <i>X-Ray Spectrometry</i> , 2003, 32, 83-88.	0.9	1

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127	Accurate spline solutions for the Dirac equation with a parity-nonconserving potential. <i>Physical Review A</i> , 2004, 69, .	1.0	1
128	Second-order electron self-energy loop-after-loop correction for low-Z hydrogen-like ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 235, 40-45.	0.6	1
129	The hyperfine quenching of polarized two-electron ions in an external magnetic field. <i>Journal of Physics: Conference Series</i> , 2009, 163, 012012.	0.3	1
130	Linear polarization of x-ray photons in hyperfine-quenched transitions of polarized He-like ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 245001.	0.6	1
131	Evaluation of the electron capture by the H-like Gd ion within line-profile approach. <i>Physical Review A</i> , 2011, 83, .	1.0	1
132	The 21 cm absorption line profile as a tool for the search for antimatter in the universe. <i>Progress of Theoretical and Experimental Physics</i> , 2014, 2014, 111E01-111E01.	1.8	1
133	Nuclear spin-independent effects of parity nonconservation in molecule of hydrogen. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 025003.	0.6	1
134	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e405" altimg="si118.svg" \rangle \langle \text{mml:mi mathvariant="script" \rangle P,T \langle /mml:mi \rangle \langle /mml:math \rangle$ -odd Faraday rotation in intracavity absorption spectroscopy with particle beam as a possible way to improve the sensitivity of the search for the time reflection noninvariant effects in nature. <i>Annals of Physics</i> , 2021, 434, 168591.	1.0	1
135	Effects of QED and Beyond from the Atomic Binding Energy. , 2001, , 75-103.		1
136	A new Approach to the Electron Self-Energy Calculations. <i>Physica Scripta</i> , 1999, T80, 498.	1.2	0
137	The Standard Model in Strong Fields: Electroweak Radiative Corrections for Highly Charged Ions. <i>Physica Scripta</i> , 1999, T80, 141.	1.2	0
138	Evaluation of the Two-Photon Self-Energy Correction for Hydrogenlike Ions. <i>Hyperfine Interactions</i> , 2001, 132, 395-398.	0.2	0
139	Parity Nonconserving (PNC) Electroweak Radiative Corrections for Highly Charged Ions (HCI). <i>Hyperfine Interactions</i> , 2001, 132, 363-366.	0.2	0
140	QED Effects in Heavy Elements. , 2004, , 407-421.		0
141	Evaluation of quasidegenerate energy levels of two-electron configurations for multicharged ions. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2005, 235, 51-54.	0.6	0
142	Coherent beam-foil excitation of $2s_{1/2}$ and $2p_{1/2}$ states of hydrogen and antihydrogen atoms in an external electric field. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2006, 39, 5091-5096.	0.6	0
143	Excited States of the Helium-Antihydrogen System. <i>Physical Review Letters</i> , 2007, 98, 103001.	2.9	0
144	Influence of an external electric field on the probabilities of two-photon transitions between $2s$, $2p$ and $1s$ levels for hydrogen and antihydrogen atoms. <i>Optics and Spectroscopy (English Translation of) Tj ETQq0 0 00gBT /Overclock 10 TF</i>		0

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145	QED calculation of interelectron interaction corrections for transition probabilities in two-electron ions. Journal of Physics: Conference Series, 2009, 163, 012014.	0.3	0
146	Dielectronic recombination with one-electron highly charged ions. Physica Scripta, 2011, T144, 014008.	1.2	0
147	Linear polarization of x-ray photons in HFQ transitions of polarized He-like ions with application to the search for parity nonconservation effects. Physica Scripta, 2011, T144, 014007.	1.2	0
148	Cross section of double electron capture by bare nucleus. Journal of Physics: Conference Series, 2012, 388, 062030.	0.3	0
149	A QED Calculation of Electron Interaction for He-Like and Li-Like Highly Charged Ions. Lecture Notes in Physics, 2001, , 591-604.	0.3	0
150	Radiative Corrections in Highly Charged Ions and Tests of QED in Strong Electric and Magnetic Fields. Physica Scripta, 2001, T92, 426-428.	1.2	0
151	Parity Nonconserving (PNC) Electroweak Radiative Corrections for Highly Charged Ions (HCI). , 2001, , 365-368.		0
152	QED Effects in Atoms. Progress in Theoretical Chemistry and Physics, 2003, , 487-556.	0.2	0