

Krzysztof Pachucki

List of Publications by Year in descending order

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182
papers

8,057
citations

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docs citations

187
times ranked

2390
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nonrelativistic energy of tritium-containing hydrogen molecule isotopologues. <i>Molecular Physics</i> , 2022, 120, . | 0.8 | 3 |
| 2 | QED theory of the nuclear magnetic shielding in H and ^3He . <i>Physical Review A</i> , 2022, 105, . | 1.3 | 2 |
| 3 | Nuclear magnetic shielding in HD and HT. <i>Physical Review A</i> , 2022, 105, . | 1.0 | 3 |
| 4 | Born-Oppenheimer potentials for $1s$, $1s^2$, and $1s^3$ states of the hydrogen molecule. <i>Molecular Physics</i> , 2022, 120, . | 0.8 | 4 |
| 5 | Radiative QED contribution to the helium Lamb shift. <i>Physical Review A</i> , 2021, 103, . | 1.0 | 10 |
| 6 | Accurate Born-Oppenheimer potentials for excited $1s^2$ states of the hydrogen molecule. <i>Advances in Quantum Chemistry</i> , 2021, , 255-267. | 0.4 | 9 |
| 7 | ^3Be state in ^3He and the nuclear quadrupole moment. <i>Physical Review A</i> , 2021, 104, . | 1.3 | 7 |
| 8 | Complete Lamb shift of helium triplet states. <i>Physical Review A</i> , 2021, 103, . | 1.3 | 18 |
| 9 | Atomic Structure Calculations of Helium with Correlated Exponential Functions. <i>Symmetry</i> , 2021, 13, 1246. | 1.1 | 14 |
| 10 | Fine and hyperfine splitting of the low-lying states of ^3Be . <i>Physical Review A</i> , 2021, 104, . | 1.3 | 5 |
| 11 | Hyperfine structure of the ^3He atom. <i>Physical Review Letters</i> , 2021, 127, 263001. | 2.9 | 12 |
| 12 | QED calculation of ionization energies of $1s^2$ states in helium. <i>Physical Review A</i> , 2020, 102, . | 1.0 | 7 |
| 13 | QED calculation of the fine structure in Li-like ions. <i>Physical Review A</i> , 2020, 102, . | 1.0 | 11 |
| 14 | Hyperfine structure in the HD molecule. <i>Physical Review A</i> , 2020, 102, . | 1.0 | 15 |
| 15 | Long-range asymptotics of exchange energy in the hydrogen molecule. <i>Journal of Chemical Physics</i> , 2020, 152, 174308. | 1.2 | 6 |
| 16 | Nonradiative QED effects in the Lamb shift of helium triplet states. <i>Physical Review A</i> , 2020, 101, . | 1.0 | 11 |
| 17 | Complete quantum electrodynamic $1s^2$ correction to energy levels of light atoms. <i>Physical Review A</i> , 2019, 100, . | 1.0 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Dissociation energy of molecular hydrogen isotopologues. Physical Review A, 2019, 100, . | 1.0 | 25 |
| 20 | Rovibrational energy levels of the hydrogen molecule through nonadiabatic perturbation theory. Physical Review A, 2019, 100, . | 1.0 | 51 |
| 21 | Theory of the Lamb Shift in Hydrogen and Light Hydrogen-Like Ions. Annalen Der Physik, 2019, 531, 1800324. | 0.9 | 52 |
| 22 | Quantum-electrodynamic corrections to the 1s3d states of the helium atom. Physical Review A, 2019, 99, . | 1.0 | 11 |
| 23 | Nuclear Charge Radii of B . Physical Review Letters, 2019, 122, 162501. | 2.9 | 24 |
| 24 | Nonrelativistic energy levels of D_2 . Physical Chemistry Chemical Physics, 2019, 21, 10272-10276. | 1.3 | 9 |
| 25 | Refractive index and generalized polarizability. Physical Review A, 2019, 99, . | 1.0 | 5 |
| 26 | Nonadiabatic QED Correction to the Dissociation Energy of the Hydrogen Molecule. Physical Review Letters, 2019, 122, 103003. | 2.9 | 59 |
| 27 | Equation of motion for a bound system of charged particles. Physical Review A, 2019, 100, . | 1.0 | 3 |
| 28 | Nuclear Spin-Spin Coupling in HD, HT, and DT. Physical Review Letters, 2018, 120, 083001. | 2.9 | 11 |
| 29 | Toward a Determination of the Proton-Electron Mass Ratio from the Lamb-Dip Measurement of HD. Physical Review Letters, 2018, 120, 153001. | 2.9 | 67 |
| 30 | The CODATA 2017 values of h , e , k , and N_A for the revision of the SI. Metrologia, 2018, 55, L13-L16. | 0.6 | 228 |
| 31 | Nonadiabatic rotational states of the hydrogen molecule. Physical Chemistry Chemical Physics, 2018, 20, 247-255. | 1.3 | 31 |
| 32 | Nonrelativistic energy levels of HD. Physical Chemistry Chemical Physics, 2018, 20, 26297-26302. | 1.3 | 13 |
| 33 | Nonadiabatic relativistic correction in H_2 , D_2 , and HD. Physical Review A, 2018, 98, . | 1.0 | 43 |
| 34 | Nuclear-structure corrections to the hyperfine splitting in muonic deuterium. Physical Review A, 2018, 98, . | 1.0 | 18 |
| 35 | Relativistic corrections to the Bethe logarithm for the S_2 and S_3 states of H_2 and D_2 . Physical Review A, 2018, 98, . | 1.0 | 24 |
| 36 | Three-photon-exchange nuclear structure correction in hydrogenic systems. Physical Review A, 2018, 97, . | 1.0 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Accurate deuterium spectroscopy for fundamental studies. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 213, 41-51 Nonadiabatic Relativistic Correction to the Dissociation Energy of H^+ | 1.1 | 54 |
| 38 | Nonadiabatic Relativistic Correction to the Dissociation Energy of H^+ , D^+ | 1.0 | 27 |
| 39 | Higher-order recoil corrections for singlet states of the helium atom. Physical Review A, 2017, 95, . | 1.0 | 27 |
| 40 | One-loop binding corrections to the electron g factor. Physical Review A, 2017, 96, . | 1.0 | 11 |
| 41 | Testing fundamental interactions on the helium atom. Physical Review A, 2017, 95, . | 1.0 | 75 |
| 42 | Relativistic corrections for the ground electronic state of molecular hydrogen. Physical Review A, 2017, 95, . | 1.0 | 50 |
| 43 | Measurement of the Frequency of the $2S \rightarrow 2P$ Transition in H^+ | 2.9 | 52 |
| 44 | Analytic Formulas for Two-Center Two-Electron Integrals with Exponential Functions. Advances in Quantum Chemistry, 2016, 73, 103-118. | 0.4 | 2 |
| 45 | Complete $2S \rightarrow 2P$ Transition in H^+ to the Ground State of H^+ | 2.9 | 57 |
| 46 | Schrödinger equation solved for the hydrogen molecule with unprecedented accuracy. Journal of Chemical Physics, 2016, 144, 164306. | 1.2 | 36 |
| 47 | Higher-order recoil corrections for triplet states of the helium atom. Physical Review A, 2016, 94, . | 1.0 | 33 |
| 48 | H2SOLV: Fortran solver for diatomic molecules in explicitly correlated exponential basis. Computer Physics Communications, 2016, 208, 162-168. | 3.0 | 5 |
| 49 | Nuclear mass corrections to the Casimir-Polder interaction. Physical Review A, 2016, 93, . | 1.0 | 0 |
| 50 | Quantum electrodynamics m corrections to the fine splitting in Li and Li^+ | 1.0 | 21 |
| 51 | Deuteron and triton magnetic moments from NMR spectra of the hydrogen molecule. Physical Review A, 2015, 92, . | 1.0 | 16 |
| 52 | Explicitly correlated wave function for a boron atom. Physical Review A, 2015, 92, . | 1.0 | 27 |
| 53 | Precision Test of Many-Body QED in the Be Fine Structure Doublet Using Short-Lived Isotopes. | 2.9 | 17 |
| 54 | Theory of the Helium Isotope Shift. Journal of Physical and Chemical Reference Data, 2015, 44, . | 1.9 | 31 |

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|----|---|-----|-----------|
| 55 | Leading order nonadiabatic corrections to rovibrational levels of H ₂ , D ₂ , and T ₂ . Journal of Chemical Physics, 2015, 143, 034111. | 1.2 | 44 |
| 56 | Nuclear structure effects in light muonic atoms. Physical Review A, 2015, 91, . | 1.0 | 36 |
| 57 | Functional form of the imaginary part of the atomic polarizability. European Physical Journal D, 2015, 69, 1. | 0.6 | 10 |
| 58 | Accurate adiabatic correction in the hydrogen molecule. Journal of Chemical Physics, 2014, 141, 224103. | 1.2 | 42 |
| 59 | Isotope shift in a beryllium atom. Physical Review A, 2014, 89, . | 1.0 | 27 |
| 60 | Electromagnetic moments of the bound system of charged particles. Physical Review A, 2014, 90, . | 1.0 | 8 |
| 61 | Quantum Electrodynamics Corrections to the 2P Fine Splitting in Li. Physical Review Letters, 2014, 113, 073004. | 2.9 | 24 |
| 62 | Ground-state hyperfine splitting in the Be ion. Physical Review A, 2014, 89, . | 1.0 | 11 |
| 63 | Extended Gaussian quadratures for functions with an end-point singularity of logarithmic type. Computer Physics Communications, 2014, 185, 2913-2919. | 3.0 | 12 |
| 64 | Muonic Hydrogen and the Proton Radius Puzzle. Annual Review of Nuclear and Particle Science, 2013, 63, 175-204. | 3.5 | 283 |
| 65 | Efficient approach to two-center exponential integrals with applications to excited states of molecular hydrogen. Physical Review A, 2013, 88, . | 1.0 | 11 |
| 66 | Ground State Hyperfine Splitting in ${}^6\text{Li}$ and the Nuclear Structure. Physical Review Letters, 2013, 111, 243001. | 2.9 | 27 |
| 67 | Testing quantum electrodynamics in the lowest singlet states of the beryllium atom. Physical Review A, 2013, 87, . | 1.0 | 45 |
| 68 | Fundamental Vibration of Molecular Hydrogen. Physical Review Letters, 2013, 110, 193601. | 2.9 | 135 |
| 69 | Application of the fully correlated basis of exponential functions for molecular hydrogen. Physical Review A, 2013, 87, . | 1.0 | 6 |
| 70 | The absorption spectrum of D ₂ : Ultrasensitive cavity ring down spectroscopy of the (2â€‘0) band near 1.7 μm and accurate <i>ab initio</i> line list up to 24 000 cm^{-1} . Journal of Chemical Physics, 2012, 136, 184309. | 1.2 | 46 |
| 71 | Frequency Metrology of Helium around 1083Ånm and Determination of the Nuclear Charge Radius. Physical Review Letters, 2012, 108, 143001. | 2.9 | 80 |
| 72 | Binding energies of the lithium isoelectronic sequence approaching the critical charge. Physical Review A, 2012, 86, . | 1.0 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | The absorption spectrum of H ₂ : CRDS measurements of the (2-0) band, review of the literature data and accurate ab initio line list up to 35 000 cm ⁻¹ . Physical Chemistry Chemical Physics, 2012, 14, 802-815. | 1.3 | 88 |
| 74 | Correlated exponential functions in high-precision calculations for diatomic molecules. Physical Review A, 2012, 86, . | 1.0 | 14 |
| 75 | Rovibrational levels of helium hydride ion. Journal of Chemical Physics, 2012, 137, 204314. | 1.2 | 18 |
| 76 | Born-Oppenheimer potential for HeH $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} / \rangle \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$. Physical Review A, 2012, 85, . | 1.0 | 26 |
| 77 | 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 \AA° cole de Physique, les Houches, France, 30 May \hat{e} 4 June, 2010.. Canadian Journal of Physics, 2011, 89, 95-101. | 0.4 | 10 |
| 78 | Quantum Electrodynamics Effects in Rovibrational Spectra of Molecular Hydrogen. Journal of Chemical Theory and Computation, 2011, 7, 3105-3115. | 2.3 | 169 |
| 79 | Gerade-ungerade mixing in the hydrogen molecule. Physical Review A, 2011, 83, . | 1.0 | 16 |
| 80 | Magnetic dipole transitions in the hydrogen molecule. Physical Review A, 2011, 83, . | 1.0 | 20 |
| 81 | Nuclear Structure Corrections in Muonic Deuterium. Physical Review Letters, 2011, 106, 193007. | 2.9 | 51 |
| 82 | Helium fine structure theory for determination of $\hat{1}\pm$. Journal of Physics: Conference Series, 2011, 264, 012007. | 0.3 | 18 |
| 83 | Accurate determination of Be magnetic moment. Optics Communications, 2010, 283, 641-643. | 1.0 | 7 |
| 84 | Nuclear structure effects in the isotope shift with halo nuclei. Hyperfine Interactions, 2010, 196, 35-42. | 0.2 | 15 |
| 85 | Electrodynamics of finite-size particles with arbitrary spin. Physical Review A, 2010, 82, . | 1.0 | 15 |
| 86 | Applications of four-body exponentially correlated functions. Physical Review A, 2010, 81, . | 1.0 | 14 |
| 87 | Finite nuclear mass corrections to electric and magnetic interactions in diatomic molecules. Physical Review A, 2010, 81, . | 1.0 | 12 |
| 88 | Fine Structure of Heliumlike Ions and Determination of the Fine Structure Constant. Physical Review Letters, 2010, 104, 070403. | 2.9 | 89 |
| 89 | Rovibrational levels of HD. Physical Chemistry Chemical Physics, 2010, 12, 9188. | 1.3 | 88 |
| 90 | Theoretical energies of low-lying states of light helium-like ions. Physical Review A, 2010, 81, . | 1.0 | 107 |

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| 109 | Electrodynamics of a compound system with relativistic corrections. <i>Physical Review A</i> , 2007, 76, . | 1.0 | 19 |
| 110 | Ground-state wave function and energy of the lithium atom. <i>Physical Review A</i> , 2006, 73, . | 1.0 | 97 |
| 111 | Anomalous magnetic moments of free and bound leptons. <i>Canadian Journal of Physics</i> , 2006, 84, 453-462. | 0.4 | 5 |
| 112 | Mass measurements and the bound-electron g factor. <i>International Journal of Mass Spectrometry</i> , 2006, 251, 102-108. | 0.7 | 32 |
| 113 | Radiative correction to the helium dimer interaction energy. <i>Journal of Chemical Physics</i> , 2006, 124, 064308. | 1.2 | 18 |
| 114 | Electron affinity of Li7. <i>Journal of Chemical Physics</i> , 2006, 125, 204304. | 1.2 | 36 |
| 115 | Excitation energy of Be9. <i>Physical Review A</i> , 2006, 73, . | 1.0 | 40 |
| 116 | Improved Theory of Helium Fine Structure. <i>Physical Review Letters</i> , 2006, 97, 013002. | 2.9 | 58 |
| 117 | Helium energy levels including $m^{\pm 6}$ corrections. <i>Physical Review A</i> , 2006, 74, . | 1.0 | 46 |
| 118 | $\hat{m}^{\pm 4}$ corrections to singlet states of helium. <i>Physical Review A</i> , 2006, 74, . | 1.0 | 97 |
| 119 | Isotope Shift of the $3s^1/2 \rightarrow 2s^1/2$ Transition in Lithium and the Nuclear Polarizability. <i>Physical Review Letters</i> , 2006, 97, 133001. | 2.9 | 79 |
| 120 | On the acceleration of the convergence of singular operators in Gaussian basis sets. <i>Journal of Chemical Physics</i> , 2005, 122, 184101. | 1.2 | 51 |
| 121 | Relativistic corrections to the long-range interaction between closed-shell atoms. <i>Physical Review A</i> , 2005, 72, . | 1.0 | 18 |
| 122 | Higher-order effective Hamiltonian for light atomic systems. <i>Physical Review A</i> , 2005, 71, . | 1.0 | 79 |
| 123 | Calculation of the One- and Two-Loop Lamb Shift for Arbitrary Excited Hydrogenic States. <i>Physical Review Letters</i> , 2005, 95, 180404. | 2.9 | 45 |
| 124 | One-loop self-energy correction in a strong binding field. <i>Physical Review A</i> , 2005, 72, . | 1.0 | 21 |
| 125 | QED Corrections to the Parity-Nonconserving $6s \rightarrow 7s$ Amplitude in Cs133. <i>Physical Review Letters</i> , 2005, 94, 213002. | 2.9 | 66 |
| 126 | Nonrelativistic QED approach to the Lamb shift. <i>Physical Review A</i> , 2005, 72, . | 1.0 | 90 |

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| 127 | Extended Hylleraas three-electron integral. <i>Physical Review A</i> , 2005, 71, . | 1.0 | 20 |
| 128 | Complete two-loop correction to the bound-electron g-factor. <i>Physical Review A</i> , 2005, 72, . | 1.0 | 133 |
| 129 | Relativistic Correction to the Helium Dimer Interaction Energy. <i>Physical Review Letters</i> , 2005, 95, 233004. | 2.9 | 32 |
| 130 | Publisher's Note: Calculation of the One- and Two-Loop Lamb Shift for Arbitrary Excited Hydrogenic States [<i>Phys. Rev. Lett.</i> 95, 180404 (2005)]. <i>Physical Review Letters</i> , 2005, 95, . | 2.9 | 3 |
| 131 | Lifetime and hyperfine structure of the $3D_{2}$ state of radium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, L305-L311. | 0.6 | 32 |
| 132 | Relativistic and QED Corrections for the Beryllium Atom. <i>Physical Review Letters</i> , 2004, 92, 213001. | 2.9 | 95 |
| 133 | Nonrelativistic QED Approach to the Bound-Electron g-Factor. <i>Physical Review Letters</i> , 2004, 93, 150401. | 2.9 | 67 |
| 134 | Recursion relations for the generic Hylleraas three-electron integral. <i>Physical Review A</i> , 2004, 70, . | 1.0 | 39 |
| 135 | Long-wavelength quantum electrodynamics. <i>Physical Review A</i> , 2004, 69, . | 1.0 | 44 |
| 136 | Three-electron integral in a Gaussian basis set with linear terms. <i>Physical Review A</i> , 2004, 70, . | 1.0 | 12 |
| 137 | Gaussian basis sets with the cusp condition. <i>Chemical Physics Letters</i> , 2004, 389, 209-211. | 1.2 | 26 |
| 138 | Nuclear recoil effects in antiprotonic and muonic atoms. <i>Physical Review A</i> , 2004, 69, . | 1.0 | 38 |
| 139 | Two-Loop Bethe-Logarithm Correction in Hydrogenlike Atoms. <i>Physical Review Letters</i> , 2003, 91, 113005. | 2.9 | 79 |
| 140 | Bethe logarithm for the lithium atom from exponentially correlated Gaussian functions. <i>Physical Review A</i> , 2003, 68, . | 1.0 | 42 |
| 141 | Theory of forbidden transitions in light atoms. <i>Physical Review A</i> , 2003, 67, . | 1.0 | 16 |
| 142 | Higher-order recoil corrections to helium fine structure. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 803-809. | 0.6 | 40 |
| 143 | Determination of the fine structure constant from helium spectroscopy. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2002, 35, 1783-1793. | 0.6 | 30 |
| 144 | Two-loop self-energy corrections to the fine structure. <i>Journal of Physics A</i> , 2002, 35, 1927-1942. | 1.6 | 31 |

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| 145 | The complete $m\alpha^6$ contribution to the helium 2S energy. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 3087-3093. | 0.6 | 21 |
| 146 | A problematic set of two-loop self-energy corrections. New Journal of Physics, 2002, 4, 49-49. | 1.2 | 13 |
| 147 | Lithium hyperfine splitting. Physical Review A, 2002, 66, . | 1.0 | 20 |
| 148 | Two-loop QED bound-state calculations and squared decay rates. Canadian Journal of Physics, 2002, 80, 1213-1223. | 0.4 | 7 |
| 149 | Quantum Electrodynamics and All That. , 2002, , 177-180. | | 0 |
| 150 | Logarithmic two-loop corrections to the Lamb shift in hydrogen. Physical Review A, 2001, 63, . | 1.0 | 71 |
| 151 | Forbidden transitions in the helium atom. Physical Review A, 2001, 64, . | 1.0 | 47 |
| 152 | Hyperfine structure of muonic helium. Physical Review A, 2001, 63, . | 1.0 | 17 |
| 153 | Hyperfine splitting of 23S state in He^3 . Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, 3357-3365. | 0.6 | 14 |
| 154 | Contributions to helium fine structure of order $m^{\pm 7}$. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 5297-5305. | 0.6 | 41 |
| 155 | Recoil corrections to the Lamb shift in helium. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 455-461. | 0.6 | 40 |
| 156 | Improved Result for Helium 23S Ionization Energy. Physical Review Letters, 2000, 84, 4561-4564. | 2.9 | 46 |
| 157 | Relativistic and QED corrections to the polarizability of helium. Physical Review A, 2000, 63, . | 1.0 | 74 |
| 158 | Quantum electrodynamics effects on helium fine structure. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 137-152. | 0.6 | 43 |
| 159 | Higher-order recoil corrections to energy levels of two-body systems. Physical Review A, 1999, 60, 2792-2798. | 1.0 | 52 |
| 160 | Proton structure effects in muonic hydrogen. Physical Review A, 1999, 60, 3593-3598. | 1.0 | 132 |
| 161 | Quantum electrodynamics of weakly bound systems. , 1998, 114, 55-70. | | 13 |
| 162 | Hydrogen-Deuterium 1S $\sim 2\text{S}$ Isotope Shift and the Structure of the Deuteron. Physical Review Letters, 1998, 80, 468-471. | 2.9 | 186 |

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|-----|--|-----|-----------|
| 163 | Complete Results for Positronium Energy Levels at Order $\hat{m}^{\pm 6}$. Physical Review Letters, 1998, 80, 2101-2104. | 2.9 | 48 |
| 164 | Simple derivation of helium Lamb shift. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 5123-5133. | 0.6 | 70 |
| 165 | Quantum electrodynamics effects on singlet S-states of helium of order. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 3547-3556. | 0.6 | 35 |
| 166 | Effective Hamiltonian approach to the bound state: energy of helium α -states in the order. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 2489-2499. | 0.6 | 20 |
| 167 | Effective Hamiltonian approach to the bound state: Positronium hyperfine structure. Physical Review A, 1997, 56, 297-304. | 1.0 | 86 |
| 168 | Recoil Effects in Positronium Energy Levels to Order $\hat{m}^{\pm 6}$. Physical Review Letters, 1997, 79, 4120-4123. | 2.9 | 22 |
| 169 | Theory of the Lamb shift in muonic hydrogen. Physical Review A, 1996, 53, 2092-2100. | 1.0 | 187 |
| 170 | $\hat{m}^{\pm 2}(\hat{Z}\hat{m}^{\pm 2})$ correction to hyperfine splitting in hydrogenic atoms. Physical Review A, 1996, 54, 1994-1998. | 1.0 | 53 |
| 171 | Higher-order binding corrections to the Lamb shift of 2P states. Physical Review A, 1996, 54, 1853-1861. | 1.0 | 100 |
| 172 | Theory of the energy levels and precise two-photon spectroscopy of atomic hydrogen and deuterium. Journal of Physics B: Atomic, Molecular and Optical Physics, 1996, 29, 177-195. | 0.6 | 106 |
| 173 | Precision measurement of the 1S ground-state Lamb shift in atomic hydrogen and deuterium by frequency comparison. Physical Review A, 1995, 52, 2664-2681. | 1.0 | 80 |
| 174 | Nuclear-spin-dependent recoil correction to the Lamb shift. Journal of Physics B: Atomic, Molecular and Optical Physics, 1995, 28, L221-L224. | 0.6 | 43 |
| 175 | Pure recoil corrections to hydrogen energy levels. Physical Review A, 1995, 51, 1854-1862. | 1.0 | 98 |
| 176 | Radiative recoil correction to the Lamb shift. Physical Review A, 1995, 52, 1079-1085. | 1.0 | 53 |
| 177 | Theory of the hydrogen-deuterium isotope shift. Physical Review A, 1994, 49, 2255-2259. | 1.0 | 45 |
| 178 | Complete two-loop binding correction to the Lamb shift. Physical Review Letters, 1994, 72, 3154-3157. | 2.9 | 129 |
| 179 | Higher-Order Binding Corrections to the Lamb Shift. Annals of Physics, 1993, 226, 1-87. | 1.0 | 136 |
| 180 | Radiative correction to the electron charge density in the hydrogen atom. Physical Review A, 1993, 48, 120-128. | 1.0 | 25 |

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|-----|--|-----|-----------|
| 181 | Nuclear-structure correction to the Lamb shift. Physical Review A, 1993, 48, R1-R4. | 1.0 | 35 |
| 182 | Contributions to the binding, two-loop correction to the Lamb shift. Physical Review A, 1993, 48, 2609-2614. | 1.0 | 57 |