

# Alisher Kadyrov

## List of Publications by Year in descending order

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Version: 2024-02-01

157  
papers

2,291  
citations

236612

25  
h-index

315357

38  
g-index

158  
all docs

158  
docs citations

158  
times ranked

807  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Electron- and photon-impact atomic ionisation. <i>Physics Reports</i> , 2012, 520, 135-174.   | 10.3 | 127       |
| 2  | Two-center convergent close-coupling approach to positron-hydrogen collisions. <i>Physical Review A</i> , 2002, 66, .   | 1.0  | 101       |
| 3  | Surface-integral formulation of scattering theory. <i>Annals of Physics</i> , 2009, 324, 1516-1546.   | 1.0  | 72        |
| 4  | Recent progress in the description of positron scattering from atoms using the convergent close-coupling theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 222002.           | 0.6  | 58        |
| 5  | Trojan Horse as an indirect technique in nuclear astrophysics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2008, 35, 014016.  | 1.4  | 54        |
| 6  | Antihydrogen Formation via Antiproton Scattering with Excited Positronium. <i>Physical Review Letters</i> , 2015, 114, 183201.  | 2.9  | 53        |
| 7  | Solution of the proton-hydrogen scattering problem using a quantum-mechanical two-center convergent close-coupling method. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 115203. | 0.6  | 46        |
| 8  | Wave-packet continuum-discretization approach to ion-atom collisions including rearrangement: Application to differential ionization in proton-hydrogen scattering. <i>Physical Review A</i> , 2018, 97, .        | 1.0  | 45        |
| 9  | Unitary correlation in nuclear reaction theory: Separation of nuclear reactions and spectroscopic factors. <i>Physical Review C</i> , 2010, 82, .   | 1.1  | 42        |
| 10 | Wave-packet continuum-discretization approach to ion-atom collisions: Nonrearrangement scattering. <i>Physical Review A</i> , 2016, 94, .   | 1.0  | 40        |
| 11 | Asymptotic behavior of the Coulomb three-body scattered wave. <i>Physical Review A</i> , 2003, 68, .  | 1.0  | 36        |
| 12 | Calculation of antihydrogen formation via antiproton scattering with excited positronium. <i>Physical Review A</i> , 2016, 93, .  | 1.0  | 36        |
| 13 | Coulomb Breakup Problem. <i>Physical Review Letters</i> , 2008, 101, 230405.  | 2.9  | 34        |
| 14 | Convergent close-coupling approach to light and heavy projectile scattering on atomic and molecular hydrogen. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 202001.              | 0.6  | 34        |
| 15 | Near-Threshold Positron-Impact Ionization of Atomic Hydrogen. <i>Physical Review Letters</i> , 2007, 98, 263202.  | 2.9  | 33        |
| 16 | Multiconfigurational two-centre convergent close-coupling approach to positron scattering on helium. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 125203.                       | 0.6  | 33        |
| 17 | Polarization of Lyman- $\alpha$ emission in proton-hydrogen collisions studied using a semiclassical two-center convergent close-coupling approach. <i>Physical Review A</i> , 2016, 93, .                        | 1.0  | 33        |
| 18 | Three-body approach to proton-hydrogen charge exchange and elastic scattering. <i>Physical Review A</i> , 1999, 60, 314-322.  | 1.0  | 27        |

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|----|---|-----|-----------|
| 19 | Theory of electron-impact ionization of atoms. Physical Review A, 2004, 70, .   | 1.0 | 27        |
| 20 | Two-center convergent close-coupling calculations for positron-lithium collisions. Physical Review A, 2010, 82, .   | 1.0 | 27        |
| 21 | Wave-packet continuum-discretization approach to single ionization of helium by antiprotons and energetic protons. Physical Review A, 2017, 96, .   | 1.0 | 27        |
| 22 | Convergence of two-centre expansions in positron-hydrogen collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, L635-L640.   | 0.6 | 26        |
| 23 | Coupled-channel integral-equation approach to antiproton-hydrogen collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 075204.  | 0.6 | 26        |
| 24 | Target Structure-Induced Suppression of the Ionization Cross Section for Low-Energy Antiproton-Molecular Hydrogen Collisions: Theoretical Confirmation. Physical Review Letters, 2013, 111, 173201. | 2.9 | 26        |
| 25 | Theoretical study of the capture process in a three-body model. Physical Review C, 2016, 94, .  | 1.1 | 25        |
| 26 | Quantum suppression of antihydrogen formation in positronium-antiproton scattering. Nature Communications, 2017, 8, 1544.   | 5.8 | 25        |
| 27 | Two-center close-coupling calculations of positron-molecular-hydrogen scattering. Physical Review A, 2015, 92, .  | 1.0 | 24        |
| 28 | Proton scattering from excited states of atomic hydrogen. Plasma Physics and Controlled Fusion, 2018, 60, 095009.   | 0.9 | 24        |
| 29 | Asymptotic factors of fusion extracted using the  | 1.1 | 24        |
| 30 | Wave-packet continuum-discretization approach to proton collisions with helium. Physical Review A, 2019, 99, .  | 1.0 | 24        |
| 31 | Electron capture in proton collisions with alkali atoms as a three-body problem. Journal of Physics B: Atomic, Molecular and Optical Physics, 1992, 25, 213-219.                                    | 0.6 | 23        |
| 32 | Integral Representation for the Electron-Atom Ionization Amplitude which is Free of Ambiguity and Divergence Problems. Physical Review Letters, 2003, 91, 253202.                                   | 2.9 | 22        |
| 33 | Single ionization of helium by electron impact. Physical Review A, 2010, 81, .  | 1.0 | 22        |
| 34 | Antiproton stopping in atomic targets. Physical Review A, 2015, 92, .   | 1.0 | 22        |
| 35 | A two-centre convergent close-coupling approach to positron-helium collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 031001.                                       | 0.6 | 21        |
| 36 | Two-center convergent-close-coupling calculations of positron scattering on magnesium. Physical Review A, 2012, 86, .   | 1.0 | 21        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 37 | Fully differential cross section for single ionization in energetic C <sup>6+</sup> -He<br>Theoretical study of the<br>Physical Review A, 2018, 98, .  | 1.0 | 21        |
| 38 | Ionization and electron capture in collisions of bare carbon ions with hydrogen. II. Reaction rates and primordial abundance. Physical Review C, 2018, 98, .                                 | 1.1 | 21        |
| 39 | Three-body approach to the atomic reactions of electron transfer. II. Calculation of total cross sections. Journal of Physics B: Atomic, Molecular and Optical Physics, 1990, 23, 4151-4164. | 0.6 | 20        |
| 40 | Asymptotic form of the electron-hydrogen scattered wave. Physical Review A, 2003, 67, .  | 1.0 | 20        |
| 41 | Near-threshold behavior of positronium-antiproton scattering. Physical Review A, 2016, 94, .   | 1.0 | 20        |
| 42 | Ionization and electron capture in collisions of bare carbon ions with hydrogen. Physical Review A, 2018, 98, .  | 1.0 | 20        |
| 43 | Electron capture, excitation and ionization in He <sup>2+</sup> –H and H <sup>+</sup> –He <sup>+</sup> collisions. Plasma Physics and Controlled Fusion, 2019, 61, 095005.                   | 0.9 | 20        |
| 44 | Close-coupling approach to antiproton-impact breakup of molecular hydrogen. Physical Review A, 2014, 89, .   | 1.0 | 19        |
| 45 | Internal consistency in positron-hydrogen-scattering calculations. Physical Review A, 2015, 91, .  | 1.0 | 19        |
| 46 | Convergent close-coupling calculations of helium single ionization by antiproton impact. Physical Review A, 2011, 84, .  | 1.0 | 18        |
| 47 | Extrapolation of scattering data to the negative-energy region. Physical Review C, 2017, 95, .   | 1.1 | 18        |
| 48 | On-shell coupled-channel approach to proton-hydrogen collisions without partial-wave expansion. Physical Review A, 2006, 73, .   | 1.0 | 17        |
| 49 | Extrapolation of scattering data to the negative-energy region. II. Applicability of effective range functions within an exactly solvable model. Physical Review C, 2018, 97, .              | 1.1 | 17        |
| 50 | Fully differential cross sections for single ionization of helium by energetic protons. Physical Review A, 2019, 100, .  | 1.0 | 17        |
| 51 | Differential study of proton-helium collisions at intermediate energies: Elastic scattering, excitation, and electron capture. Physical Review A, 2021, 104, .                               | 1.0 | 17        |
| 52 | State-of-the-Art Reviews on Energetic Ion-Atom and Ion-Molecule Collisions. Interdisciplinary Research on Particle Collisions and Quantitative Spectroscopy, 2019, , .                       | 0.5 | 17        |
| 53 | Charge-exchange reactions in a three-body eikonal approach. Journal of Physics B: Atomic, Molecular and Optical Physics, 1994, 27, 4653-4674.  | 0.6 | 16        |
| 54 | Scattering theory for arbitrary potentials. Physical Review A, 2005, 72, .   | 1.0 | 16        |

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|----|---|-----|-----------|
| 55 | Direct solution of the three-dimensional Lippmann-Schwinger equation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 509-515.                                   | 0.6 | 16        |
| 56 | Two-center convergent-close-coupling calculations for positron-sodium collisions. Physical Review A, 2012, 85, .  | 1.0 | 16        |
| 57 | Internal consistency in the close-coupling approach to positron collisions with atoms. European Physical Journal D, 2016, 70, 1.  | 0.6 | 16        |
| 58 | Accurate solution of the proton-hydrogen three-body scattering problem. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 03LT01.                                  | 0.6 | 16        |
| 59 | Effect of Electron Capture on Spectral Line Broadening in Hot Dense Plasmas. Physical Review Letters, 2020, 124, 055003.  | 2.9 | 16        |
| 60 | Proton-helium collisions at intermediate energies: Singly differential ionization cross sections. Physical Review A, 2021, 104, .   | 1.0 | 16        |
| 61 | Unambiguous ionization amplitudes for electron-hydrogen scattering. Physical Review A, 2003, 68, .  | 1.0 | 15        |
| 62 | Differential ionization in antiproton-hydrogen collisions within the convergent-close-coupling approach. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 165203. | 0.6 | 15        |
| 63 | One-center close-coupling approach to two-center rearrangement collisions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 145201.                               | 0.6 | 15        |
| 64 | Leading asymptotic terms of the three-body Coulomb scattering wave function. Physical Review A, 2006, 73, .   | 1.0 | 14        |
| 65 | Three-dimensional integral-equation approach to proton- and antiproton-hydrogen collisions. Physical Review A, 2009, 80, .  | 1.0 | 14        |
| 66 | Antiproton stopping in $H_2$ . Physical Review A, 2015, 92, .   | 1.0 | 14        |
| 67 | Near-Threshold Cross Sections for Electron and Positron Impact Ionization of Atomic Hydrogen. Physical Review Letters, 2018, 121, 203401.   | 2.9 | 14        |
| 68 | Balmer emission induced by proton impact on atomic hydrogen. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 105701.   | 0.6 | 14        |
| 69 | Antiproton-impact ionization of Ne, Ar, Kr, Xe, and H <sub>2</sub> O. Physical Review A, 2015, 91, .  | 1.0 | 13        |
| 70 | Convergent close-coupling calculations of positron scattering on metastable helium. Physical Review A, 2010, 82, .  | 1.0 | 12        |
| 71 | Benchmark calculation of hydrogen (antihydrogen) formation at rest in positronium-proton (-antiproton) scattering. Physical Review A, 2013, 87, .                                       | 1.0 | 12        |
| 72 | Two-center approach to fully differential positron-impact ionization of hydrogen. Physical Review A, 2014, 89, .  | 1.0 | 12        |

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|----|--|-----|-----------|
| 73 | Heating due to momentum transfer in low-energy positronium-antiproton scattering. Physical Review A, 2016, 94, .   | 1.0 | 12        |
| 74 | Integrated total and state-selective cross sections for bare beryllium ion collisions with atomic hydrogen. Journal of Physics B: Atomic, Molecular and Optical Physics, 2021, 54, 175201.   | 0.6 | 12        |
| 75 | Effective one-electron approach to proton collisions with molecular hydrogen. European Physical Journal D, 2022, 76, 1.  | 0.6 | 12        |
| 76 | "Triangle" diagram with off-shell Coulomb T-matrix for (in-)elastic atomic and nuclear three-body processes. Journal of Physics B: Atomic, Molecular and Optical Physics, 1995, 28, 5137-5150.                                       | 0.6 | 11        |
| 77 | Threshold behavior of positronium formation in positronium-alkali-metal scattering. Physical Review A, 2013, 87, .   | 1.0 | 11        |
| 78 | Ionization amplitudes in electron-hydrogen collisions. Physical Review A, 2014, 90, .  | 1.0 | 11        |
| 79 | Solving close-coupling equations in momentum space without singularities. Computer Physics Communications, 2015, 196, 276-279.   | 3.0 | 11        |
| 80 | Analysis of the $3\text{He}(\hat{1}\pm, \hat{1}^3)7\text{Be}$ and $3\text{H}(\hat{1}\pm, \hat{1}^3)7\text{Li}$ astrophysical direct capture reactions in a modified potential-model approach. Nuclear Physics A, 2021, 1006, 122108. | 0.6 | 11        |
| 81 | Surface-integral formalism of deuteron stripping. Physical Review C, 2014, 90, .   | 1.1 | 10        |
| 82 | Proton-beam stopping in hydrogen. Physical Review A, 2019, 99, .   | 1.0 | 10        |
| 83 | Singly differential cross sections for direct scattering, electron capture, and ionization in proton-hydrogen collisions. Physical Review A, 2020, 102, .  | 1.0 | 10        |
| 84 | Effective single-electron treatment of ion collisions with multielectron targets without using the independent-event model. Physical Review A, 2021, 104, .  | 1.0 | 10        |
| 85 | Triangle amplitude with off-shell Coulomb T-matrix for exchange reactions in atomic and nuclear physics. Physical Review A, 1996, 54, 4091-4105.   | 1.0 | 9         |
| 86 | Indirect methods in nuclear astrophysics. Journal of Physics: Conference Series, 2016, 703, 012007.  | 0.3 | 9         |
| 87 | Extrapolation of scattering data to the negative-energy region. III. Application to the $p\alpha'^{16}\text{O}$ system. Physical Review C, 2018, 98, .   | 1.1 | 9         |
| 88 | Laser-driven production of the antihydrogen molecular ion. Physical Review A, 2019, 100, .   | 1.0 | 9         |

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|-----|---|-----|-----------|
| 91  | Approximate triangle amplitude for three-body charge exchange processes. Physical Review A, 1996, 53, 2438-2442.  | 1.0 | 8         |
| 92  | Structure of $^{23}\text{Al}$ from a multi-channel algebraic scattering model based on mirror symmetry. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 095104.             | 1.4 | 7         |
| 93  | Importance of resonance widths in low-energy scattering of weakly bound light-mass nuclei. Physical Review C, 2016, 94, .   | 1.1 | 7         |
| 94  | Antiproton stopping power data for radiation therapy simulations. Physica Medica, 2016, 32, 1827-1832.  | 0.4 | 7         |
| 95  | Solving close-coupling equations in momentum space without singularities for charged targets. Computer Physics Communications, 2017, 212, 55-58.  | 3.0 | 7         |
| 96  | Two-center convergent close-coupling approach to positronium-helium-ion collisions. Physical Review A, 2018, 97, .  | 1.0 | 7         |
| 97  | Positron-impact electronic excitations and mass stopping power of $\text{H}^n$ . Physical Review A, 2018, 97, .   | 1.0 | 7         |
| 98  | Astrophysical $S$ factor and rate of $\text{Be}^7$ factor and rate of $\text{Be}^7$   | 1.1 | 7         |
| 99  | State-selective electron capture in collisions of fully stripped neon ions with ground-state hydrogen. Journal of Physics B: Atomic, Molecular and Optical Physics, 2022, 55, 115201.     | 0.6 | 7         |
| 100 | Effective two-body model for spectra of clusters of $\text{H}^n$  | 1.1 | 6         |
| 101 | Spin asymmetry in electron-impact ionization. Physical Review A, 2019, 100, .   | 1.0 | 6         |
| 102 | Trojan horse method as an indirect approach to study resonant reactions in nuclear astrophysics. European Physical Journal A, 2020, 56, 1.  | 1.0 | 6         |
| 103 | Convergent close-coupling calculations of the S-wave model of positronium-hydrogen scattering. Nuclear Instruments & Methods in Physics Research B, 2000, 171, 119-125.                   | 0.6 | 5         |
| 104 | Calculations of positron scattering on the hydrogen molecular ion. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 015203.   | 0.6 | 5         |
| 105 | Charge transfer in positronium-proton collisions: comparison of classical and quantum-mechanical theories. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 155201. | 0.6 | 5         |
| 106 | Collisions of antiprotons with excited positronium atoms. Physical Review A, 2021, 104, .   | 1.0 | 5         |
| 107 | Exact and approximate triangle amplitudes for (in-)elastic three-body processes with charged particles. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 3659-3675. | 0.6 | 4         |
| 108 | Positron scattering on atoms and molecules. Journal of Physics: Conference Series, 2014, 488, 012052.   | 0.3 | 4         |

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|-----|---|-----|-----------|
| 109 | Convergent close coupling versus the generalized Sturmian function approach: Wave-function analysis. <i>Physical Review A</i> , 2015, 92, .   | 1.0 | 4         |
| 110 | Hybrid approach to calculating proton stopping power in hydrogen. <i>Journal of Physics: Conference Series</i> , 2017, 777, 012010.   | 0.3 | 4         |
| 111 | New method of analytic continuation of elastic-scattering data to the negative-energy region, and asymptotic normalization coefficients for O17 and C13. <i>Physical Review C</i> , 2019, 100, .      | 1.1 | 4         |
| 112 | Configuration space method to calculate rearrangement matrix elements. <i>Computer Physics Communications</i> , 2019, 239, 64-71.   | 3.0 | 4         |
| 113 | Theory of Surrogate Nuclear and Atomic Reactions with Three Charged Particles in the Final State Proceeding Through a Resonance in the Intermediate Subsystem. <i>Few-Body Systems</i> , 2019, 60, 1. | 0.7 | 4         |
| 114 | Low-energy $\gamma$ -mixing collisions of excited positronium with protons and antiprotons. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2017, 50, 134001.                    | 0.6 | 3         |
| 115 | Antihydrogen formation in low-energy antiproton collisions with excited-state positronium atoms. <i>Hyperfine Interactions</i> , 2018, 239, 1.  | 0.2 | 3         |
| 116 | Convergent close-coupling approach to positron scattering on He <sup>+</sup> . <i>European Physical Journal D</i> , 2018, 72, 1.  | 0.6 | 3         |
| 117 | Calculations of electron scattering on H-like ions. <i>Physical Review A</i> , 2020, 101, .   | 1.0 | 3         |
| 118 | Taking the Convergent Close-Coupling Method beyond Helium: The Utility of the Hartree-Fock Theory. <i>Atoms</i> , 2022, 10, 22.   | 0.7 | 3         |
| 119 | Convergence study of the close-coupling approach to positron-helium collisions. <i>Journal of Physics: Conference Series</i> , 2010, 199, 012021.   | 0.3 | 2         |
| 120 | Close-coupling calculations of 64.6 eV e-He ionization. <i>Journal of Physics: Conference Series</i> , 2011, 288, 012002.   | 0.3 | 2         |
| 121 | Convergent close-coupling approach to positron and antiproton collisions with atoms. <i>Journal of Physics: Conference Series</i> , 2011, 262, 012028.  | 0.3 | 2         |
| 122 | Convergent close-coupling calculations of positron scattering on H $\hat{a}^{\circ}$ . <i>Physical Review A</i> , 2019, 100, .  | 1.0 | 2         |
| 123 | Extraction of Ps-formation cross-sections from single-centre positron-scattering calculations. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2021, 54, 095201.                 | 0.6 | 2         |
| 124 | Protons in collision with hydrogen atoms: Influence of unitarity and multiple scattering. <i>Nuclear Physics A</i> , 2001, 689, 525-528.  | 0.6 | 1         |
| 125 | Three Body Coulomb Scattering above the Ionization Threshold. <i>Physica Scripta</i> , 2004, 110, 247.  | 1.2 | 1         |
| 126 | Few-body problems in nuclear astrophysics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2005, 31, S1413-S1415.   | 1.4 | 1         |

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| 127 | Positron-impact ionisation of hydrogen near the threshold. Journal of Physics: Conference Series, 2007, 88, 012062.  | 0.3 | 1         |
| 128 | Near-threshold positron-hydrogen ionization. Few-Body Systems, 2008, 44, 221-223.  | 0.7 | 1         |
| 129 | Scattering theory with the Coulomb potential. Journal of Physics: Conference Series, 2009, 194, 012017.  | 0.3 | 1         |
| 130 | Convergent close-coupling calculations of positron-helium collisions. Journal of Physics: Conference Series, 2009, 194, 072009.                                  | 0.3 | 1         |
| 131 | Spin-resolved electron-impact ionisation of atoms. Journal of Physics: Conference Series, 2010, 212, 012017.   | 0.3 | 1         |
| 132 | Fully quantal close-coupling approach to antiproton-hydrogen collisions. Journal of Physics: Conference Series, 2012, 388, 082015.                               | 0.3 | 1         |
| 133 | Two-center convergent close-coupling calculations for positron-lithium and positron-sodium collisions. Journal of Physics: Conference Series, 2012, 388, 072011. | 0.3 | 1         |
| 134 | Close-coupling approach to antiproton-impact ionisation of $H_2$ with analytical spherical averaging. Journal of Physics: Conference Series, 2014, 488, 102032.  | 0.3 | 1         |
| 135 | Fully quantum-mechanical treatment of proton-hydrogen scattering. Journal of Physics: Conference Series, 2015, 635, 022100.                                      | 0.3 | 1         |
| 136 | Development of convergent close-coupling approach to hadron interactions with matter. Journal of Physics: Conference Series, 2019, 1154, 012013.                 | 0.3 | 1         |
| 137 | Positron-impact direct ionization of lithium, sodium and potassium atoms. European Physical Journal D, 2021, 75, 1.  | 0.6 | 1         |
| 138 | Various problems in electron-atom collision theory. AIP Conference Proceedings, 2003, , .  | 0.3 | 0         |
| 139 | Theory of atomic ionization and the coulomb three-body breakup. AIP Conference Proceedings, 2005, , .  | 0.3 | 0         |
| 140 | Few-body problems in nuclear astrophysics. AIP Conference Proceedings, 2005, , .   | 0.3 | 0         |
| 141 | Theory of Electron Impact Ionization of Atoms. AIP Conference Proceedings, 2006, , .   | 0.3 | 0         |
| 142 | RECENT PROGRESS IN ATOMIC IONISATION THEORY. , 2008, , .   |     | 0         |
| 143 | Generalisation of scattering theory to charged particles. Journal of Physics: Conference Series, 2009, 185, 012017.  | 0.3 | 0         |
| 144 | Surface-Integral Approach to the Coulomb Few-Body Scattering Problem. EPJ Web of Conferences, 2010, 3, 04014.  | 0.1 | 0         |

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|-----|--|-----|-----------|
| 145 | Benchmark Calculations of Electron-Impact Differential Cross Sections. , 2011, , .   |     | 0         |
| 146 | Convergent close coupling calculations for positron-magnesium scattering. Journal of Physics: Conference Series, 2012, 388, 072007.                                      | 0.3 | 0         |
| 147 | Kinematically complete picture of positron-impact ionisation of hydrogen. Journal of Physics: Conference Series, 2012, 388, 072009.                                      | 0.3 | 0         |
| 148 | Interference between direct ionisation and positronium formation in continuum in positron-hydrogen collisions. Journal of Physics: Conference Series, 2014, 488, 072003. | 0.3 | 0         |
| 149 | Different representations of continuum in the positron-hydrogen scattering problem. Journal of Physics: Conference Series, 2014, 488, 072006.                            | 0.3 | 0         |
| 150 | Accurate stopping power calculations for antiprotons and protons. Journal of Physics: Conference Series, 2015, 635, 022034.  | 0.3 | 0         |
| 151 | Enhancement of antihydrogen formation in antiproton collisions with excited-state positronium. Journal of Physics: Conference Series, 2015, 635, 022008.                 | 0.3 | 0         |
| 152 | Ionisation of noble gas atoms and H2O by antiproton impact. Journal of Physics: Conference Series, 2015, 635, 022032.  | 0.3 | 0         |
| 153 | New approach to folding with the Coulomb wave function. Journal of Mathematical Physics, 2015, 56, 052102.   | 0.5 | 0         |
| 154 | Pigmy resonances, transfer, and separable potentials. AIP Conference Proceedings, 2017, , .  | 0.3 | 0         |
| 155 | Proton scattering from ground and excited states of atomic hydrogen. Journal of Physics: Conference Series, 2020, 1412, 152031.  | 0.3 | 0         |
| 156 | Proton-Hydrogen Charge Exchange and Elastic Scattering in the Faddeev Approach. Few-Body Systems, 2000, , 75-79.   | 0.2 | 0         |
| 157 | Unified Theory of Scattering for Arbitrary Potentials. , 2007, , .   |     | 0         |