Alejandro Kievsky

List of Publications by Year
in descending order

224 papers	6,147 citations	50276 46 h-index	85541 71 g-index
233 all docs	233 docs citations	233 times ranked	1713 citing authors

#	Article	IF	Citations
1	Benchmark test calculation of a four-nucleon bound state. Physical Review C, 2001, 64, .	2.9	280
2	A high-precision variational approach to three- and four-nucleon bound and zero-energy scattering states. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 063101.	3.6	218
3	Parameter-free effective field theory calculation for the solar proton-fusion and hep processes. Physical Review C, 2003, 67, .	2.9	166
4	Study of bound and scattering states in three-nucleon systems. Nuclear Physics A, 1994, 577, 511-527.	1.5	148
5	Transverse Asymmetry A_T' from the Quasielastic $^3\mathrm{He}(e,e')$ Process and the Neutron Magnetic Form Factor. Physical Review Letters, 2000, 85, 2900-2904.	7.8	144
6	The three-nucleon bound state with realistic soft- and hard-core potentials. Nuclear Physics A, 1993, 551, 241-254.	1.5	137
7	Electromagnetic structure of A=2 and 3 nuclei and the nuclear current operator. Physical Review C, 2005, 72, .	2.9	135
8	Critical comparison of experimental data and theoretical predictions for N-d scattering below the breakup threshold. Nuclear Physics A, 1996, 607, 402-424.	1.5	119
9	Local chiral potentials with Δ -intermediate states and the structure of light nuclei. Physical Review C, 2016, 94, .	2.9	117
10	Polarization observables in $p-d$ scattering below 30 MeV. Physical Review C, 2001, 64, .	2.9	112
11	Light-Nuclei Spectra from Chiral Dynamics. Physical Review Letters, 2018, 120, 052503.	7.8	107
12	Weak capture of protons by protons. Physical Review C, 1998, 58, 1263-1277.	2.9	106
13	The baryon density of the Universe from an improved rate of deuterium burning. Nature, 2020, 587, 210-213.	27.8	101
14	Subleading contributions to the three-nucleon contact interaction. Physical Review C, 2011, 84, .	2.9	96
15	Chiral Effective Field Theory Predictions for Muon Capture on Deuteron and $^3\mathrm{He}$. Physical Review Letters, 2012, 108, 052502.	7.8	96
16	Three-nucleon bound states using realistic potential models. Physical Review C, 2003, 67, .	2.9	89
17	Calculation of the α -particle ground state within the hyperspherical harmonic basis. Physical Review C, 2005, 71, .	2.9	89
18	Neutrino physics with the PTOLEMY project: active neutrino properties and the light sterile case. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 047-047.	5.4	85

#	Article	IF	Citations
19	TheAyProblem forpâˆ�’H3eElastic Scattering. Physical Review Letters, 2001, 86, 3739-3742.	7.8	83
20	Cross section, polarization observables, and phase-shift parameters inp-dandn-delastic scattering. Physical Review C, 1995, 52, R15-R19.	2.9	81
21	Plane-wave impulse approximation extraction of the neutron magnetic form factor from quasielastic3Heâ†’(eâ†’,eâ€²)atQ2=0.3to0.6(GeV/c)2. Physical Review C, 2003, 67, .	2.9	77
22	Theoretical study of the radiative capture reactionsH2(n,Î³)3H andH2(p,Î³)3He at low energies. Physical Review C, 1996, 54, 534-553.	2.9	76
23	Implication of the Proton-Deuteron Radiative Capture for Big Bang Nucleosynthesis. Physical Review Letters, 2016, 116, 102501.	7.8	75
24	Calculation of the Î±-Particle Ground State. Few-Body Systems, 1995, 18, 25-39.	1.5	73
25	Weak proton capture on3He. Physical Review C, 2000, 63, .	2.9	71
26	Measurements of1H(dâ†’,Î³)3He and2H(pâ†’,Î³)3He at very low energies. Physical Review C, 1997, 55, 588-596.	2.9	69
27	Variational description of the helium trimer using correlated hyperspherical harmonic basis functions. Physical Review A, 2001, 64, .	2.5	68
28	Effect of Three-Nucleon Interactions in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts></mml:math>Elastic Scattering. Physical Review Letters, 2013, 111, 172302.	7.8	65
29	Phenomenological spin-orbit three-body force. Physical Review C, 1999, 60, .	2.9	62
30	Proton-He3elastic scattering at low energies. Physical Review C, 2006, 74, .	2.9	62
31	Local chiral interactions, the tritium Gamow-Teller matrix element, and the three-nucleon contact term. Physical Review C, 2018, 98, .	2.9	60
32	Effects of Non-nucleonic Degrees of Freedom in theD(pâ†’,Î³)H3eandp(dâ†’,Î³)H3eReactions. Physical Review Letters, 1996, 76, 3088-3091.	7.8	58
33	The complex Kohn variational method applied to N-d scattering. Nuclear Physics A, 1997, 624, 125-139.	1.5	58
34	Low energynâˆ’H3scattering: A novel testground for nuclear interactions. Physical Review C, 2005, 71, .	2.9	57
35	Benchmark calculation for proton-deuteron elastic scattering observables including the Coulomb interaction. Physical Review C, 2005, 71, .	2.9	57
36	Neutron electromagnetic form factors and inclusive scattering of polarized electrons by polarized 3He and 3H targets. Physical Review C, 1997, 56, 64-75.	2.9	55

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37	Photodisintegration and electrodisintegration of3Heat threshold andpdradiative capture. Physical Review C, 2000, 61, .	2.9	54
38	Extraction of the neutron magnetic form factor from quasielastic3Heâ†'(eâ†',e') atQ2=0.1â~'0.6â€ƒ(GeV/c)2. Physical Review C, 2007, 75, .	2.9	52
39	Spectra of helium clusters with up to six atoms using soft-core potentials. Physical Review A, 2011, 84, .	2.5	51
40	Energy spectra of small bosonic clusters having a large two-body scattering length. Physical Review A, 2012, 86, .	2.5	51
41	Neutron-H3and Proton-H3eZero Energy Scattering. Physical Review Letters, 1998, 81, 1580-1583.	7.8	50
42	Benchmark calculation of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>n</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mrow /><mml:mn>3</mml:mn></mml:msup></mml:math>H and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Mat	2.9	50
43	Variational Calculation on A = 3 and 4 Nuclei with Non-Local Potentials. Few-Body Systems, 2006, 39, 159-176.	1.5	49
44	Realistic Calculation of the3He+p(hep) Astrophysical Factor. Physical Review Letters, 2000, 84, 5959-5962.	7.8	48
45	Tritium<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi></mml:math>decay in chiral effective field theory. Physical Review C, 2016, 94, .	2.9	48
46	Nâ~'delastic scattering using the hyperspherical harmonics approach with realistic local and nonlocal interactions. Physical Review C, 2009, 80, .	2.9	46
47	Thermal Neutron Captures on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML display="inline"><mml:mi>d</mml:mi></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none />... Physical Review Letters, 2010, 105, 232502.	7.8	46
48	Nâ~'dscattering including electromagnetic forces. Physical Review C, 2004, 69, .	2.9	42
49	Muon capture on deuteron and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi mathvariant="normal">He</mml:mi><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>3</mml:mn></mml:mrow></mml:mmultiscripts></mml:math>. Physical Review C, 2011, 83, .	2.9	42
50	High-Precision Calculation of the Triton Ground State Within the Hyperspherical-Harmonics Method. Few-Body Systems, 1997, 22, 1-10.	1.5	41
51	Comparative study of three-nucleon force models in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>A</mml:mi><mml:mo>=</mml:mo><mml:mn>3</mml:mn><mml:mo>,</mml:mo><mml:mn>... Physical Review C, 2010, 81, .	2.9	41
52	Neutron structure functionF2n(x)from deep inelastic electron scattering off few-nucleon systems. Physical Review C, 2001, 64, .	2.9	40
53	Polarization Transfer inH4e(eâ†',eâ€²pâ†')H3: Is the RatioGEp/GMpModified in the Nuclear Medium?. Physical Review Letters, 2005, 94, 072303.	7.8	40
54	Universality and scaling in the<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>N</mml:mi></mml:math>-body sector of Efimov physics. Physical Review A, 2014, 90, .	2.5	40

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55	Do phase-shift analyses and nucleon-nucleon potential models yield the wrong ^3P_j phase shifts at low energies?. Physical Review C, 1998, 57, 555-561.	2.9	38
56	Nuclear matter properties from local chiral interactions with Δ isobar intermediate states. Physical Review C, 2016, 94, .	2.9	38
57	Correlations imposed by the unitary limit between few-nucleon systems, nuclear matter, and neutron stars. Physical Review Letters, 2018, 121, 072701.	7.8	38
58	Benchmark calculations for polarization observables in three-nucleon scattering. Physical Review C, 1998, 58, 3085-3092.	2.9	37
59	Nonsymmetrized hyperspherical harmonic basis for an A-body system. Physical Review C, 2011, 83, .	2.9	37
60	Universal nature and finite-range corrections in elastic atom-dimer scattering below the dimer breakup threshold. Physical Review A, 2013, 87, .	2.5	37
61	The three-nucleon system near the N-d threshold. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 292-296.	4.1	36
62	The Helium Trimer with Soft-Core Potentials. Few-Body Systems, 2011, 51, 259-269.	1.5	35
63	Proton-Deuteron Elastic Scattering above the Deuteron Breakup. Physical Review Letters, 1999, 82, 3759-3762.	7.8	34
64	Integral Relations for Three-Body Continuum States with the Adiabatic Expansion. Physical Review Letters, 2009, 103, 090402.	7.8	34
65	N-boson spectrum from a discrete scale invariance. Physical Review A, 2014, 90, .	2.5	34
66	The Hyperspherical Harmonics Method: A Tool for Testing and Improving Nuclear Interaction Models. Frontiers in Physics, 2020, 8, .	2.1	34
67	Chiral effective field theory analysis of hadronic parity violation in few-nucleon systems. Physical Review C, 2014, 89, .	2.9	33
68	Local chiral interactions and magnetic structure of few-nucleon systems. Physical Review C, 2019, 99, .	2.9	31
69	Short-range three-nucleon interaction from $A=3$ data and its hierarchical structure. Physical Review C, 2019, 99, .	2.9	28
70	Measurement of the Nucleon $F_2^n/$ Structure Function Ratio by the Jefferson Lab MARATHON Tritium/Helium-3 Deep Inelastic Scattering Experiment. Physical Review Letters, 2022, 128, 132003.	7.8	28
71	Neutron spin rotation in $n+d$ scattering. Physical Review C, 2008, 78, .	2.9	27
72	Parity-violating asymmetry in the $^3\mathrm{He}($	2.9	27

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73	Comparative study of three-nucleon force models in nuclear matter. Physical Review C, 2015, 91, .	2.9	27
74	Efimov Physics with $${1/2}$$ 1 / 2 Spin-Isospin Fermions. Few-Body Systems, 2016, 57, 217-227.	1.5	27
75	Variational description of continuum states in terms of integral relations. Physical Review C, 2010, 81, .	2.9	25
76	The Kohn Variational Principle for Elastic Proton-Deuteron Scattering Above Deuteron Breakup Threshold. Few-Body Systems, 2001, 30, 39-63.	1.5	24
77	Theoretical study of3He(Î¼â˜',Î½Î¼)3Hcapture. Physical Review C, 2002, 66, .	2.9	24
78	Harmonic hyperspherical basis for identical particles without permutational symmetry. Physical Review A, 2009, 79, .	2.5	24
79	Proton-3He elastic scattering at low energies and the â€œAyPuzzleâ€• EPJ Web of Conferences, 2010, 3, 05011.	0.3	24
80	Implications of Efimov physics for the description of three and four nucleons in chiral effective field theory. Physical Review C, 2017, 95, .	2.9	24
81	Low-energypâˆ'dscattering: High-precision data, comparisons with theory, and phase-shift analyses. Physical Review C, 2002, 65, .	2.9	23
82	Two-body electrodisintegration ofHe3at high momentum transfer. Physical Review C, 2005, 72, .	2.9	23
83	Isospin Mixing in the Nucleon and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mmultiscripts><mml:mi>He</mml:mi><mml:mprescripts /><mml:none /><mml:mn>4</mml:mn></mml:mmultiscripts></mml:math>and the Nucleon Strange Electric Form Factor. Physical Review Letters, 2007, 99, 112002.	7.8	23
84	Precision Measurement of the Spin-Dependent Asymmetry in the Threshold Region of3Hâ†'e(eâ†',eâ€²). Physical Review Letters, 2001, 87, 242501.	7.8	22
85	Correlated hyperspherical-harmonic expansion for three-nucleon systems. Few-Body Systems, 1990, 9, 1-9.	1.5	21
86	N-dscattering above the deuteron breakup threshold. Physical Review C, 1997, 56, 2987-2991.	2.9	21
87	Benchmark calculation ofpâˆ'H3andnâˆ'He3scattering. Physical Review C, 2017, 95, .	2.9	21
88	Nonresonant Density of States Enhancement at Low Energies for Three or Four Neutrons. Physical Review Letters, 2020, 125, 052501.	7.8	20
89	Testing nuclear forces by polarization transfer coefficients ind(pâ†',pâ†')dandd(pâ†',dâ†')preactions atEplab=22.7MeV. Physical Review C, 2006, 73, .	2.9	19
90	Matching universal behavior with potential models. Physical Review A, 2016, 93, .	2.5	19

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91	`<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>n</mml:mi><mml:mo>+</mml:mo><mml:mmultiscripts><mml:mi mathvariant="normal">H</mml:mi><mml:mprescripts /><mml:none /><mml:mn>3</mml:mn></mml:mmultiscripts><mml:mo>,</mml:mo></mml:mrow></mml:math>` `<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>p</mml:mi><mml:mo>+</mml:mo><mml:mmultiscripts`	2.9	19
92	Universal range corrections to Efimov trimers for a class of paths to the unitary limit. Physical Review A, 2015, 92, .	2.5	18
93	Embedding nuclear physics inside the unitary-limit window. Physical Review C, 2019, 100, .	2.9	18
94	Neutronâ€"Triton Elastic Scattering. Few-Body Systems, 2009, 45, 119-121.	1.5	17
95	Saturation properties of helium drops from a leading-order description. Physical Review A, 2017, 96, .	2.5	17
96	Efimov Physics and Connections to Nuclear Physics. Annual Review of Nuclear and Particle Science, 2021, 71, 465-490.	10.2	17
97	`<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>X</mml:mi><mml:mn>17</mml:mn></mml:mrow></mml:` boson and the `<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mmultiscripts><mml:mi mathvariant="normal">H</mml:mi><mml:mprescripts /><mml:none`		

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109	Determination of proton-deuteron scattering lengths. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 471, 103-107.	4.1	13
110	Evidence for three nucleon force effects in p–d elastic scattering. Physical Review C, 2001, 63, .	2.9	13
111	Three-Nucleon Continuum by Means of the Hyperspherical Adiabatic Method. Few-Body Systems, 2009, 45, 25-41.	1.5	13
112	Non-symmetrized Basis Function for Identical Particles. Few-Body Systems, 2009, 45, 127-131.	1.5	13
113	Integral relations and the adiabatic expansion method for $1+2$ reactions above the breakup threshold: Helium trimers with soft-core potentials. Physical Review A, 2012, 86, .	2.5	13
114	Coulomb effects in nucleon-deuteron polarization-transfer coefficients. Physical Review C, 2001, 64, .	2.9	12
115	Breakup of three particles within the adiabatic expansion method. Physical Review C, 2014, 90, .	2.9	12
116	Euler and correlated harmonic-oscillator wave functions for three-nucleon systems. Nuclear Physics A, 1989, 501, 503-512.	1.5	11
117	Unitary ambiguity of NN contact interactions and the $3N$ force. Physical Review C, 2020, 102, .	2.9	11
118	Comprehensive study of the three- and four-neutron systems at low energies. Physical Review C, 2021, 103, .	2.9	11
119	Effect of Three Nucleon Forces in p – 3He Scattering. Few-Body Systems, 2013, 54, 885-890.	1.5	10
120	Gaussian characterization of the unitary window for $N=3$: Bound, scattering, and virtual states. Physical Review C, 2020, 102, .	2.9	13
121	Correlated hyperspherical-harmonic calculations for three- and four-body systems. Il Nuovo Cimento A, 1992, 105, 1473-1489.	0.2	9
122	Variational estimates using a discrete variable representation. Physical Review A, 2004, 70, .	2.5	9
123	Theoretical description of three- and four-nucleon scattering states using bound-state-like wave functions. Physical Review C, 2012, 85, .	2.9	9
124	Measurement of Double-Polarization Asymmetries in the Quasielastic $\overrightarrow{{}^{3}\text{He}}$ $\mo$		

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127	New photodisintegration threshold observable in3He. Physical Review C, 1999, 61, .	2.9	8
128	JLab Measurement of the^{4}He Charge Form Factor at Large Momentum Transfers. Physical Review Letters, 2014, 112, 132503.	7.8	8
129	Adiabatic Hyperspherical Analysis of Realistic Nuclear Potentials. Few-Body Systems, 2015, 56, 753-759.	1.5	8
130	Microscopic study ofHe2â˜SF6trimers. Physical Review A, 2003, 68, .	2.5	7
131	Solving a coupled-channels scattering problem by adding confining potentials. Nuclear Physics A, 2010, 838, 20-37.	1.5	7
132	Six-Bodies Calculations Using the Hyperspherical Harmonics Method. Few-Body Systems, 2013, 54, 657-666.	1.5	7
133	Total cross section for pâ˜d breakup below 30 MeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 480, 250-256.	4.1	6
134	Bound and scattering states with non-local potentials. Nuclear Physics A, 2007, 790, 46c-51c.	1.5	6
135	Scattering States of Three-Body Systems with the Hyperspherical Adiabatic Method. Few-Body Systems, 2009, 45, 123-125.	1.5	6
136	Correlated Hyperspherical Harmonic Functions for Few-Nucleon Systems. Few-Body Systems, 1995, , 21-31.	0.2	6
137	Resonance splitting and broadening in axially deformed fermionic systems. Physical Review A, 1986, 34, 2433-2441.	2.5	5
138	Variational DVR Calculations. Few-Body Systems, 2004, 34, 11.	1.5	5
139	New developments in the study of few-nucleon systems. Nuclear Physics A, 2005, 751, 226-243.	1.5	5
140	Efimov Physics in Small Bosonic Clusters. Few-Body Systems, 2013, 54, 1547-1550.	1.5	5
141	Efimov Spectrum in Bosonic Systems with Increasing Number of Particles. Few-Body Systems, 2014, 55, 945-948.	1.5	5
142	Universality in few-body Systems: from few-atoms to few-nucleons. Journal of Physics: Conference Series, 2014, 527, 012001.	0.4	5
143	Tuning the 3Nforce from 3Nscattering data. EPJ Web of Conferences, 2016, 113, 04009.	0.3	5
144	JLab Measurements of the He3 Form Factors at Large Momentum Transfers. Physical Review Letters, 2017, 119, 162501.	7.8	5

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145	...ment of double-polarization asymmetries in the quasi-elastic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mmultiscripts><mml:mrow><mml:mover accent="true"><mml:mrow><mml:mtext>He</mml:mtext></mml:mrow><mml:mrow><mml:mo stretchy="false">â†'</mml:mo></mml:mrow></mml:mover></mml:mrow><mml:mprescripts /><mml:none />...		

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163	Relativistic Description of 3He (e, eâ€² p)2H. Few-Body Systems, 2011, 50, 359-362.	1.5	3
164	Testing Nucleonâ€"nucleon Potentials in Three- and Four-nucleon Scattering Observables. Few-Body Systems, 2013, 54, 2395-2406.	1.5	3
165	Three-Body Coulomb Functions in the Hyperspherical Adiabatic Expansion Method. Few-Body Systems, 2016, 57, 1227-1241.	1.5	3
166	Universal Behavior of Few-Boson Systems Using Potential Models. Few-Body Systems, 2017, 58, 1.	1.5	3
167	Euler and correlated harmonic-oscillator wave function for the trinucleon bound-state. Few-Body Systems, 1991, 11, 111-120.	1.5	2
168	An energy-dependent phase shift analysis of low-energy proton-deuteron elastic scattering. Nuclear Physics A, 1998, 631, 680-682.	1.5	2
169	Transverse asymmetry of $^3!stackrel{ightarrow}{m He}$ and the magnetic form factor of the neutron. European Physical Journal A, 2004, 19, 87-92.	2.5	2
170	Continuum three-body states using the hyperspherical adiabatic basis set. Few-Body Systems, 2008, 44, 371-373.	1.5	2
171	Analysis of the Effects of Three-nucleon Forces in A =Â3, 4 Systems. Few-Body Systems, 2009, 45, 115-118.	1.5	2
172	Weakly bound states with spin-isospin symmetry. EPJ Web of Conferences, 2016, 113, 03001.	0.3	2
173	1/2 spin-isospin fermions close to the unitary limit. Journal of Physics: Conference Series, 2018, 981, 012021.	0.4	2
174	Use of Correlated Hyperspherical Harmonic Basis for Strongly Interacting Systems. , 1991, , 391-403.		2
175	Three-Nucleon Electroweak Capture Reactions. Few-Body Systems, 2003, , 87-98.	0.2	2
176	Variational Calculation of Three-Nucleon Electroweak Capture Reactions. Few-Body Systems, 2003, , 319-324.	0.2	2
177	Convergence of the hyperspherical harmonic expansion for four body scattering problems. Nuclear Physics A, 2004, 737, 205-209.	1.5	2
178	Boson correlation energy in a modified quantal Brownian motion model. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 144, 134-138.	2.1	1
179	Effects of three-body forces in the3Hbound state. Physical Review C, 1998, 58, 49-57.	2.9	1
180	Recent developments in few-nucleon systems. Nuclear Physics A, 2004, 737, 61-69.	1.5	1

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181	Benchmark calculations and new advances in four-nucleon systems. AIP Conference Proceedings, 2005, , .	0.4	1
182	Variational Description of Bound States in Three- and Four-Nucleon Systems. Few-Body Systems, 2006, 38, 63-66.	1.5	1
183	VARIATIONAL DESCRIPTION OF FEWâ€"NUCLEON SYSTEMS: BOUND AND SCATTERING STATES. International Journal of Modern Physics B, 2006, 20, 5330-5333.	2.0	1
184	N â€" d elastic scattering at low-energies with local and non-local realistic nuclear interactions. Journal of Physics: Conference Series, 2009, 168, 012005.	0.4	1
185	Recent Progress in Ab-initio Four-Body Scattering Calculations. Few-Body Systems, 2013, 54, 647-656.	1.5	1
186	Some aspects of universality in Efimov physics. Journal of Physics: Conference Series, 2014, 527, 012002.	0.4	1
187	Structure and dynamics of few-helium clusters using soft-core potentials. Physics of Atomic Nuclei, 2014, 77, 463-471.	0.4	1
188	Three-Nucleon Force Effects in $${\varvec{p{ext{-}}^3\mathrm{H}}}$$ p - 3 H. Few-Body Systems, 2017, 58, 1.	1.5	1
189	Three-Body Wave Functions in the Continuum: Application to the Repulsive Coulomb Case. Few-Body Systems, 2017, 58, 1.	1.5	1
190	Many-body energy density functional. Physical Review A, 2021, 104, .	2.5	1
191	Four-Body Continuum with Three-Nucleon Forces. Springer Proceedings in Physics, 2020, , 471-477.	0.2	1
192	Calculation of the Î±-Particle Ground State with the Hyperspherical Harmonic Basis. Few-Body Systems, 2003, , 145-146.	0.2	1
193	Correlated Hyperspherical Harmonic Methods and Applications. Few-Body Systems, 1999, , 27-36.	0.2	1
194	A description of the dynamics and thermodynamics of vibration damping in axially deformed nuclei. Zeitschrift FÃ¼r Physik A, Atomic Nuclei, 1987, 328, 151-164.	0.3	0
195	Calculation of bound and scattering states of four nucleons. AIP Conference Proceedings, 1995, , .	0.4	0
196	Charge-independence breaking effects in nucleon-deuteron scattering. AIP Conference Proceedings, 1995, , .	0.4	0
197	Effects of Nonnucleonic Degrees of Freedom in theD(pâ†',Î³)He3andp(dâ†',Î³)He3Reactions. Physical Review Letters, 1996, 77, 586-586.	7.8	0
198	Can neutron electromagnetic form factors be obtained by polarized inclusive electron scattering off polarized three-nucleon bound states?. Nuclear Physics A, 1998, 631, 597-601.	1.5	0

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199	Variational study of 3N scattering. Nuclear Physics A, 1998, 631, 668-672.	1.5	0
200	Convergence of the hyperspherical harmonic expansion for four body scattering problems. Nuclear Physics A, 2004, 737, 205-209.	1.5	0
201	Electromagnetic transitions for A=3 nuclear systems. AIP Conference Proceedings, 2005, , .	0.4	0
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