

Lauro Tomio

List of Publications by Year in descending order

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178
papers

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citations

147801

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181
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181
docs citations

181
times ranked

976
citing authors

#	ARTICLE	IF	CITATIONS
1	Coulomb-nuclear dynamics in the breakup of the weakly bound Li8 nucleus. Physical Review C, 2022, 105, .	2.9	2
2	Possible halo structure of ^{62}Ca by forbidden-state-free locally peaked Gaussians. Physical Review C, 2022, 105, .	2.9	1
3	Fixed-Point Few-Body Hamiltonians. Few-Body Systems, 2022, 63, .	1.5	1
4	Emergence of N-Body Tunable Interactions in Universal Few-Atom Systems. Brazilian Journal of Physics, 2021, 51, 277-286.	1.4	1
5	Analysis of Fusion Cross Sections in the ^9Be Projectile Breakup on Different Target Nuclei. Brazilian Journal of Physics, 2021, 51, 157-169.	1.4	2
6	Quantum Monte Carlo studies of a trimer scaling function with microscopic two- and three-body interactions. Physical Review A, 2021, 104, .	2.5	2
7	Stability of a Bose-condensed mixture on a bubble trap. Physical Review A, 2021, 104, .	2.5	8
8	Cold-atom dimer reaction rates with ^4He , ^6Li , ^7Li , and ^{23}Na . Physical Review A, 2020, 102, .	2.5	5
9	Mass-imbalanced Bose-Einstein condensed mixtures in rotating perturbed trap. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126535.	2.1	5
10	Faraday waves and droplets in quasi-one-dimensional Bose gases. Journal of Physics: Conference Series, 2020, 1508, 012007.	0.4	1
11	Theoretical analysis of $8\text{Li} + ^{208}\text{Pb}$ reaction and the critical angular momentum for complete fusion. Nuclear Physics A, 2020, 996, 121700.	1.5	6
12	Limit cycles in the spectra of mass imbalanced many-boson system. Journal of Physics B: Atomic, Molecular and Optical Physics, 2020, 53, 205301.	1.5	8
13	Dipolar condensed atomic mixtures and miscibility under rotation. SciPost Physics Proceedings, 2020, .	0.4	2
14	Discrete Scaling and Scattering Properties from Atom-Dimer Collision. Springer Proceedings in Physics, 2020, , 15-19.	0.2	0
15	Breakup of rotating asymmetric quartic-quadratic trapped condensates. Physical Review A, 2020, 102, .	2.5	2
16	Weakly bound halo breakup of neutron- ^7Li and nucleon- ^7Be on a lead target. Physical Review C, 2020, 102, .	2.9	6
17	Faraday waves and droplets in quasi-one-dimensional Bose gas mixtures. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 195301.	1.5	11
18	Four-Boson Continuous Scale Symmetry Breaking. Few-Body Systems, 2019, 60, 1.	1.5	6

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19	Spatial separation of rotating binary Bose-Einstein condensates by tuning the dipolar interactions. <i>Physical Review A</i> , 2019, 99, .	2.5	17
20	Vortex patterns in rotating dipolar Bose-Einstein condensate mixtures with squared optical lattices. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2019, 52, 025302.	1.5	8
21	Probing Efimov discrete scaling in an atom-molecule collision. <i>Physical Review A</i> , 2018, 97, .	2.5	12
22	Scattering of cold He4 on He4Li6,7 and He4Na23 molecules. <i>Physical Review A</i> , 2018, 98, .	2.5	3
23	Solitons and Josephson-type oscillations in Bose-Einstein condensates with spin-orbit coupling and time-varying Raman frequency. <i>Physical Review A</i> , 2018, 97, .	2.5	17
24	Neutron-19C scattering: Emergence of universal properties in a finite range potential. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 764, 196-202.	4.1	10
25	Faraday Waves in Cold-Atom Systems with Two- and Three-Body Interactions. <i>Few-Body Systems</i> , 2017, 58, 1.	1.5	1
26	Scaling behavior of scattering observables for three-body systems near the unitary limit. <i>Journal of Physics: Conference Series</i> , 2017, 915, 012002.	0.4	0
27	Universality in the Neutron- ^{19}C Scattering Using Finite-Range Separable Interactions. <i>Few-Body Systems</i> , 2017, 58, 1.	1.5	1
28	Vortex lattices in binary Bose-Einstein condensates with dipole-dipole interactions. <i>Physical Review A</i> , 2017, 96, .	2.5	33
29	Minkowski space approach for the Bethe-Salpeter equation. <i>EPJ Web of Conferences</i> , 2017, 138, 01013.	0.3	0
30	Miscibility in coupled dipolar and non-dipolar Bose-Einstein condensates. <i>Journal of Physics Communications</i> , 2017, 1, 035012.	1.2	22
31	Scaling functions of two-neutron separation energies of ^{20}C with finite range potentials. <i>EPJ Web of Conferences</i> , 2016, 113, 06017.	0.3	0
32	Momentum distributions in light halo nuclei and structure constraints. <i>EPJ Web of Conferences</i> , 2016, 113, 06012.	0.3	0
33	Bethe-Salpeter bound-state structure in Minkowski space. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 759, 131-137.	4.1	28
34	Core momentum distribution in two-neutron halo nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 757, 368-375.	4.1	10
35	Tunable spin-orbit-coupled Bose-Einstein condensates in deep optical lattices. <i>Physical Review A</i> , 2016, 94, .	2.5	35
36	Scaling Limit Analysis of Borromean Halos. <i>Few-Body Systems</i> , 2016, 57, 361-370.	1.5	1

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37	Faraday waves in Bose-Einstein condensates with engineering three-body interactions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 025302.	1.5	10
38	Solitons in atomic condensates, with optical lattices and field-induced dipole moments. Journal of Physics: Conference Series, 2015, 594, 012043.	0.4	0
39	Bright solitons in Bose-Einstein condensates with field-induced dipole moments. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 075301.	1.5	8
40	Trimer-Tetramer Interwoven States in the Scaling Limit. Few-Body Systems, 2014, 55, 949-952.	1.5	1
41	Three-Dimensional Low-Momentum Interaction in Two-Body Bound State Calculations. Few-Body Systems, 2013, 54, 2227-2232.	1.5	4
42	Range Corrections to Universal Tetramer Properties. Few-Body Systems, 2013, 54, 1537-1542.	1.5	2
43	Four-Boson Systems Close to a Universal Regime. Few-Body Systems, 2013, 54, 1543-1546.	1.5	1
44	Universality in Four-Boson Systems. Few-Body Systems, 2013, 54, 559-568.	1.5	11
45	Dynamics characterization of modified Gross-Pitaevskii equation. Physica A: Statistical Mechanics and Its Applications, 2013, 392, 3087-3094.	2.6	2
46	T-jon Lines and Scaling Limit in Four-Body Systems. Few-Body Systems, 2013, 54, 213-216.	1.5	2
47	Bright solitons in quasi-one-dimensional dipolar condensates with spatially modulated interactions. Physical Review A, 2013, 87, .	2.5	16
48	Advances on statistical/thermodynamical models for unpolarized structure functions. , 2013, , .		0
49	Effective range from tetramer-dissociation data for cesium atoms. Physical Review A, 2013, 87, .	2.5	11
50	Three-dimensional solitons in cross-combined linear and nonlinear optical lattices. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 115302.	1.5	3
51	Universality and scaling limit of weakly-bound tetramers. , 2012, , .		3
52	Three- and four-nucleon bound states in three dimensions, without PW decomposition. , 2012, , .		2
53	Binding and structure of tetramers in the scaling limit. Physical Review A, 2012, 85, .	2.5	26
54	Universal aspects of light halo nuclei. Progress in Particle and Nuclear Physics, 2012, 67, 939-994.	14.4	93

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55	Scales and Universality in Few-Body Systems. <i>Few-Body Systems</i> , 2011, 51, 87-112.	1.5	35
56	Dimensional compactification and two-particle binding. <i>International Journal of Quantum Chemistry</i> , 2011, 111, 1458-1465.	2.0	3
57	Constraints on two-neutron separation energy in the Borromean ^{22}C nucleus. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 697, 90-93.	4.1	56
58	Nucleon-nucleon scattering within a multiple subtractive renormalization approach. <i>Physical Review C</i> , 2011, 83, .	2.9	21
59	Solutions of the bound-state Faddeev-Yakubovsky equations in three dimensions by using $\langle N \rangle$ and $\langle N^3 \rangle$ potential models. <i>Physical Review C</i> , 2011, 83, .	2.9	24
60	Scaling Properties of Universal Tetramers. <i>Physical Review Letters</i> , 2011, 107, 135304.	7.8	68
61	Stability of BEC Systems in Nonlinear Optical Lattices. , 2011, , 165-172.		0
62	EXOTIC CARBON SYSTEMS IN TWO-NEUTRON HALO THREE-BODY MODELS. <i>International Journal of Modern Physics E</i> , 2011, 20, 254-262.	1.0	0
63	Quark sea asymmetry of the nucleon. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010, 199, 252-257.	0.4	3
64	Statistical quark models for the nucleon structure functions. , 2010, , .		0
65	Solution of Two-Body Bound State Problems with Confining Potentials. <i>AIP Conference Proceedings</i> , 2010, , .	0.4	8
66	Matter-wave two-dimensional solitons in crossed linear and nonlinear optical lattices. <i>Physical Review A</i> , 2010, 82, .	2.5	17
67	Halo Nuclei in a three-body model and universal characteristics of low-energy few-body systems. , 2010, , .		0
68	Soliton dynamics at an interface between a uniform medium and a nonlinear optical lattice. <i>Physical Review E</i> , 2009, 79, 056220.	2.1	13
69	LARGE ATOMIC AND NUCLEAR THREE-BODY SYSTEMS: SCATTERING AND BINDING. <i>Modern Physics Letters A</i> , 2009, 24, 998-1004.	1.2	0
70	Statistical Quark Model for the Nucleon Structure Function. , 2009, , .		3
71	Virtual States, Halos and Resonances in Three-Body Atomic and Nuclear Systems. <i>Few-Body Systems</i> , 2009, 45, 215-218.	1.5	4
72	Charged three-body system with arbitrary masses near conformal invariance. <i>Physical Review A</i> , 2009, 80, .	2.5	2

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73	Dynamics of Bose-Einstein condensates with atomic pumping and dissipative processes. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 6778-6783.	2.1	4
74	Trajectory of neutron-neutron- ¹⁸ C excited three-body state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 660, 339-344.	4.1	28
75	Neutron- ¹⁹ C scattering near an Efimov state. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 670, 49-54.	4.1	26
76	Localized modes of binary mixtures of Bose-Einstein condensates in nonlinear optical lattices. <i>Physical Review A</i> , 2008, 77, .	2.5	51
77	RENORMALIZATION OF THE NN INTERACTION AT NNLO: UNCOUPLED PERIPHERAL WAVES. <i>International Journal of Modern Physics E</i> , 2007, 16, 2822-2825.	1.0	6
78	Spatial characteristics of borromean, tango, samba and all-bound halo nuclei. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
79	Dissipative dynamics of matter-wave solitons in a nonlinear optical lattice. <i>Physical Review A</i> , 2007, 76, .	2.5	30
80	Comment on "Efimov States and Their Fano Resonances in a Neutron-Rich Nucleus". <i>Physical Review Letters</i> , 2007, 99, 269201; author reply 269202.	7.8	16
81	Subtractive renormalization of the next-to-leading order NN interaction. <i>Nuclear Physics A</i> , 2007, 790, 406c-409c.	1.5	10
82	Structure of large two-neutron halos in light exotic nuclei. <i>Nuclear Physics A</i> , 2007, 787, 561-568.	1.5	2
83	Triatomic states in ultracold gases. <i>Nuclear Physics A</i> , 2007, 790, 788c-791c.	1.5	1
84	Nucleon flavor asymmetry in a statistical quark model. <i>Nuclear Physics A</i> , 2007, 790, 522c-525c.	1.5	3
85	Electromagnetic structure and weak decay of meson K in a light-front QCD-inspired model. <i>Nuclear Physics A</i> , 2007, 790, 610c-613c.	1.5	7
86	Three-boson recombination at ultralow temperatures. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 363, 468-472.	2.1	21
87	Scaling in Few-Body Nuclear Physics. , 2007, , .		0
88	Relaxation algorithm to hyperbolic states in Gross-Pitaevskii equation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 359, 339-344.	2.1	28
89	The few scales of nuclei and nuclear matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 634, 185-190.	4.1	20
90	Four-boson scale near a Feshbach resonance. <i>Europhysics Letters</i> , 2006, 75, 555-561.	2.0	68

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91	Nonlinear Schrödinger equation with power-law confining potential. <i>Physical Review A</i> , 2006, 74, .	2.5	3
92	Recursive renormalization of the singlet one-pion-exchange plus point-like interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 621, 109-118.	4.1	43
93	Energy-dependent point interactions in one dimension. <i>Journal of Physics A</i> , 2005, 38, 4989-4998.	1.6	10
94	Neutron-neutron correlation in the halo dissociation of light exotic nuclei. <i>Physical Review C</i> , 2005, 72, .	2.9	19
95	DYNAMICS OF BRIGHT MATTER WAVE SOLITONS IN A BOSE-EINSTEIN CONDENSATE. <i>International Journal of Modern Physics B</i> , 2005, 19, 3415-3473.	2.0	158
96	-invariant point interactions in one dimension. <i>Journal of Physics A</i> , 2005, 38, L519-L522.	1.6	3
97	Dynamics of bright matter-wave solitons in a Bose-Einstein condensate with inhomogeneous scattering length. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 635-651.	1.5	31
98	Nucleon flavor asymmetry in a statistical model of confined quarks. <i>AIP Conference Proceedings</i> , 2004, , .	0.4	0
99	Dynamical mean-field study of strongly interacting Bose-Einstein condensate. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 325, 420-425.	2.1	7
100	Radii in weakly-bound light halo nuclei. <i>Nuclear Physics A</i> , 2004, 735, 40-54.	1.5	56
101	The Fermi pseudo-potential in one dimension. <i>Journal of Physics A</i> , 2004, 37, 10653-10663.	1.6	12
102	Path dependence of the quark nonlocal condensate within the instanton model. <i>Brazilian Journal of Physics</i> , 2004, 34, 865-868.	1.4	1
103	Weakly bound atomic trimers in ultracold traps. <i>Physical Review A</i> , 2003, 68, .	2.5	14
104	Scaling predictions for radii of weakly bound triatomic molecules. <i>Physical Review A</i> , 2003, 68, .	2.5	19
105	THE NUCLEON STRUCTURE FUNCTION AND THE QUARK EFFECTIVE POTENTIAL. , 2003, , .		0
106	Scaling limit of virtual states of triatomic systems. <i>Physical Review A</i> , 2002, 66, .	2.5	47
107	Stability of the trapped nonconservative Gross-Pitaevskii equation with attractive two-body interaction. <i>Physical Review E</i> , 2002, 66, 036225.	2.1	16
108	Critical numbers of attractive Bose-Einstein condensed atoms in asymmetric traps. <i>Physical Review A</i> , 2002, 66, .	2.5	57

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109	Effect of anharmonicities in the critical number of trapped condensed atoms with an attractive two-body interaction. <i>Physical Review A</i> , 2002, 66, .	2.5	7
110	Stability of trapped Bose-Einstein condensates. <i>Physical Review A</i> , 2001, 63, .	2.5	173
111	Lower bound to the mass of a relativistic three-boson system in the lightcone. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2001, 27, 1031-1042.	3.6	1
112	Critical number of atoms for attractive Bose-Einstein condensates with cylindrically symmetrical traps. <i>Physical Review A</i> , 2001, 64, .	2.5	106
113	Autosolitons in trapped Bose-Einstein condensates with two- and three-body inelastic processes. <i>Physical Review A</i> , 2001, 63, .	2.5	38
114	On high Q2 behavior of the pion form factor for transitions and within the nonlocal quark-pion model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 475, 361-371.	4.1	46
115	Renormalization group invariance of quantum mechanics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 481, 143-150.	4.1	34
116	Stability analysis of the D-dimensional nonlinear Schrödinger equation with trap and two- and three-body interactions. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 267, 305-311.	2.1	50
117	Zel'dovich's method of perturbation theory in quantum mechanics. <i>Journal of Physics A</i> , 2000, 33, 283-292.	1.6	1
118	Atomic Bose-Einstein condensation with three-body interactions and collective excitations. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 4053-4067.	1.5	92
119	Liquid-gas phase transition in Bose-Einstein condensates with time evolution. <i>Physical Review A</i> , 2000, 61, .	2.5	48
120	Chaos in collapsing Bose-condensed gas. <i>Physical Review A</i> , 2000, 62, .	2.5	46
121	Pion structure function within the instanton model. <i>Physical Review D</i> , 2000, 62, .	4.7	65
122	Prediction of a weakly bound excited state in the $4\text{He}^2\text{Li}$ molecule. <i>Journal of Chemical Physics</i> , 2000, 113, 7874-7878.	3.0	31
123	Reply to "Comment on "Validity of Feynman's prescription of disregarding the Pauli principle in intermediate states" ". <i>Physical Review A</i> , 2000, 62, .	2.5	3
124	Virtual states of light non-Borromean halo nuclei. <i>Physical Review C</i> , 2000, 61, .	2.9	14
125	Scaling limit of weakly bound triatomic states. <i>Physical Review A</i> , 1999, 60, R9-R12.	2.5	61
126	Two definitions of the electric polarizability of a bound system in relativistic quantum theory. <i>American Journal of Physics</i> , 1999, 67, 735-736.	0.7	0

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127	Renormalization of the one-pion-exchange interaction. Nuclear Physics A, 1999, 653, 209-221.	1.5	93
128	Validity of Feynman's prescription of disregarding the Pauli principle in intermediate states. Physical Review A, 1999, 59, 2624-2630.	2.5	7
129	Improved numerical approach for the time-independent Gross-Pitaevskii nonlinear Schrödinger equation. Physical Review E, 1999, 60, 2421-2424.	2.1	66
130	Many-body system with a four-parameter family of point interactions in one dimension. Journal of Physics A, 1999, 32, 4931-4942.	1.6	28
131	Application of renormalization to potential scattering. Journal of Physics A, 1997, 30, 4687-4700.	1.6	11
132	Scaling Law for Baryon Coupling to its Current and its Possible Applications. Modern Physics Letters A, 1997, 12, 2193-2201.	1.2	3
133	Universal aspects of Efimov states and light halo nuclei. Physical Review C, 1997, 56, R2378-R2381.	2.9	81
134	Quark-antiquark correlation in the pion. Nuclear Physics A, 1997, 623, 456-470.	1.5	5
135	Probing SU(2) symmetry breaking in the nucleon sea. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 401, 207-212.	4.1	4
136	Pion to upsilon from \hat{p} -deformed Poincaré phenomenology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 365, 157-162.	4.1	8
137	Complex Kohn Variational Principle for Two-Nucleon Bound-State and Scattering with the Tensor Potential. Journal of Computational Physics, 1995, 118, 200-207.	3.8	0
138	Iterative numerical solution of scattering problems. Chemical Physics Letters, 1995, 241, 477-483.	2.6	2
139	A simple relativistic model of. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 344, 413-418.	4.1	0
140	Complex Kohn variational principle for two-nucleon bound-state and scattering. AIP Conference Proceedings, 1995, , .	0.4	0
141	Relativistic effect on the trinucleon system. AIP Conference Proceedings, 1995, , .	0.4	0
142	Relativistic effect on low-energy nucleon-deuteron scattering. Physical Review C, 1995, 51, 70-77.	2.9	1
143	ZERO SOUND VELOCITY IN π , $\bar{\pi}$ -MESON GASES. Modern Physics Letters A, 1994, 09, 2719-2726.	1.2	0
144	Flattening of the resonance spectrum of hadrons from \hat{p} -deformed Poincaré algebra. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 331, 355-361.	4.1	8

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145	Recent heavy ion experiments and statistical model of hadrons. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 695-697.	1.5	1
146	Meson properties from a bag model compared to lattice theory and heavy ion experiments. Zeitschrift für Physik C-Particles and Fields, 1994, 61, 347-350.	1.5	4
147	Problem of the statistical model in deep inelastic scattering phenomenology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 387-390.	4.1	6
148	Evidence for Unruh's effect in hadron physics. Physics Letters, Section A: General, Atomic and Solid State Physics, 1993, 172, 203-207.	2.1	4
149	Shape-independent expansion for the $3S_1$ \hat{a}^3 $3D_1$ mixing parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 14-18.	4.1	5
150	Model independence of scattering of three identical bosons in two dimensions. Physical Review A, 1993, 47, 1093-1100.	2.5	31
151	Relativistic three-particle scattering equations. Physical Review C, 1993, 48, 2105-2107.	2.9	2
152	Unusually strong attraction in the presence of continuum bound state. Physical Review C, 1992, 46, 1612-1616.	2.9	5
153	Three-boson system with absorptive short range potential. Physical Review C, 1992, 46, 2224-2227.	2.9	11
154	Three-body collapse for Tabakin potentials and the Thomas effect. Physical Review C, 1992, 46, 471-476.	2.9	14
155	POTENTIAL BAGS. Modern Physics Letters A, 1992, 07, 2781-2788.	1.2	1
156	Observed supersymmetry of hadrons and the tachyonless string models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 288, 306-310.	4.1	3
157	Quark mean-field theory and consistency with nuclear matter. Physical Review C, 1991, 44, 2181-2186.	2.9	6
158	THE BLACK HOLE ENTROPY BOUND AND THE MAXIMUM TEMPERATURE FOR MESON FORMATION IN THE NUCLEAR FIREBALL. Modern Physics Letters A, 1991, 06, 3039-3045.	1.2	4
159	Microscopic approach for then-deffective interaction. Physical Review C, 1990, 41, 876-879.	2.9	6
160	Inclusive annihilation of antiprotons on deuterium. Physical Review C, 1990, 42, 138-141.	2.9	3
161	PREDICTION FOR MESONIC SPECTRUM FROM THE DISCRETE QUARK-GLUON STATES OF A FINITE SIZE BAG. Modern Physics Letters A, 1990, 05, 1451-1456.	1.2	4
162	Efimov and Thomas effects and the model dependence of three-particle observables in two and three dimensions. Physical Review A, 1988, 37, 3666-3673.	2.5	75

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163	Unified treatment of bound-state and scattering problems. Physical Review C, 1988, 37, 41-44.	2.9	9
164	Long range local effective potential for a three-particle system. Physical Review C, 1988, 38, 11-14.	2.9	7
165	Trinucleon system in a two-body model: Coulomb effect on bound and scattering states. Physical Review C, 1987, 35, 441-447.	2.9	39
166	Class of Jost-like functions. Physical Review C, 1987, 35, 1991-1998.	2.9	4
167	Unified formulation of variational approaches and separable expansions for the solution of scattering equations. Physical Review C, 1987, 36, 1275-1285.	2.9	13
168	Iteration-subtraction method for scattering equations compared with continued fractions method. Physical Review C, 1986, 33, 467-470.	2.9	5
169	Surface vibrations of the nucleon. Physical Review D, 1985, 31, 2818-2825.	4.7	9
170	Quark-bag vibrations in heavy quark systems. Canadian Journal of Physics, 1984, 62, 348-352.	1.1	0
171	Separable expansions for virtual states and resonances. Physical Review C, 1983, 27, 1826-1829.	2.9	8
172	Method for resonances and virtual states: Efimov virtual states. Physical Review C, 1982, 26, 77-82.	2.9	43
173	Efimov effect in the three-nucleon system. Physical Review C, 1982, 26, 83-86.	2.9	32
174	Iterative solution of bound-state equations. Physical Review C, 1981, 24, 1186-1190.	2.9	12
175	Alternative to Padé technique for solving scattering integral equations. Physical Review C, 1981, 24, 43-55.	2.9	12
176	Method for scattering equations. II. Iterative solution. Physical Review C, 1980, 22, 28-35.	2.9	27
177	Iterative solution of multichannel three-body equations. Physical Review C, 1980, 22, 2359-2368.	2.9	15
178	Coulomb and nuclear interactions in the dynamics of weakly-bound neutron-halobreakup on heavy target. Chinese Physics C, 0, , .	3.7	2