

Sadhan Adhikari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2580597/publications.pdf>

Version: 2024-02-01

330
papers

6,579
citations

81743

39
h-index

118652

62
g-index

342
all docs

342
docs citations

342
times ranked

1543
citing authors

#	ARTICLE	IF	CITATIONS
1	Fortran programs for the time-dependent Gross-Pitaevskii equation in a fully anisotropic trap. Computer Physics Communications, 2009, 180, 1888-1912.	3.0	332
2	Quantum scattering in two dimensions. American Journal of Physics, 1986, 54, 362-367.	0.3	210
3	C programs for solving the time-dependent Gross-Pitaevskii equation in a fully anisotropic trap. Computer Physics Communications, 2012, 183, 2021-2025.	3.0	168
4	Bose-Einstein condensation dynamics from the numerical solution of the Gross-Pitaevskii equation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 2831-2843.	0.6	118
5	Bose-Einstein condensation dynamics in three dimensions by the pseudospectral and finite-difference methods. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 2501-2513.	0.6	111
6	Stabilization of bright solitons and vortex solitons in a trapless three-dimensional Bose-Einstein condensate by temporal modulation of the scattering length. Physical Review A, 2004, 69, .	1.0	105
7	Bright solitons in coupled defocusing NLS equation supported by coupling: Application to Bose-Einstein condensation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 346, 179-185.	0.9	102
8	Superfluid Bose-Fermi mixture from weak coupling to unitarity. Physical Review A, 2008, 78, .	1.0	94
9	Fortran and C programs for the time-dependent dipolar Gross-Pitaevskii equation in an anisotropic trap. Computer Physics Communications, 2015, 195, 117-128.	3.0	94
10	Perturbative Renormalization in Quantum Few-Body Problems. Physical Review Letters, 1995, 74, 487-491.	2.9	85
11	Efimov and Thomas effects and the model dependence of three-particle observables in two and three dimensions. Physical Review A, 1988, 37, 3666-3673.	1.0	75
12	Separable expansion of the matrix with analytic form factors. Physical Review C, 1975, 11, 1133-1140.	1.1	73
13	Fermionic bright soliton in a boson-fermion mixture. Physical Review A, 2005, 72, .	1.0	72
14	Numerical study of the spherically symmetric Gross-Pitaevskii equation in two space dimensions. Physical Review E, 2000, 62, 2937-2944.	0.8	70
15	Electron exchange model potential: Application to positronium-helium scattering. Physical Review A, 1999, 59, 363-370.	1.0	69
16	Numerical solution of the two-dimensional Gross-Pitaevskii equation for trapped interacting atoms. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 265, 91-96.	0.9	69
17	Vortex-bright solitons in a spin-orbit-coupled spin-1 condensate. Physical Review A, 2017, 95, .	1.0	68
18	Nonlinear Schrödinger equation for a superfluid Fermi gas in the BCS-BEC crossover. Physical Review A, 2008, 77, .	1.0	67

#	ARTICLE	IF	CITATIONS
19	Renormalization Group in Potential Scattering. <i>Physical Review Letters</i> , 1995, 74, 4572-4575.	2.9	66
20	Hybrid OpenMP/MPI programs for solving the time-dependent Gross-Pitaevskii equation in a fully anisotropic trap. <i>Computer Physics Communications</i> , 2016, 200, 411-417.	3.0	61
21	Collapse of attractive Bose-Einstein condensed vortex states in a cylindrical trap. <i>Physical Review E</i> , 2001, 65, 016703.	0.8	60
22	Mean-field description of a dynamical collapse of a fermionic condensate in a trapped boson-fermion mixture. <i>Physical Review A</i> , 2004, 70, .	1.0	57
23	Separable operator expansions for the t-matrix. <i>Nuclear Physics A</i> , 1975, 241, 429-442.	0.6	56
24	Localization of a Bose-Einstein condensate in a bichromatic optical lattice. <i>Physical Review A</i> , 2009, 80, .	1.0	56
25	Self-trapping of a Fermi superfluid in a double-well potential in the Bose-Einstein-condensate-unitarity crossover. <i>Physical Review A</i> , 2009, 80, .	1.0	55
26	Spontaneous symmetry breaking of Bose-Fermi mixtures in double-well potentials. <i>Physical Review A</i> , 2010, 81, .	1.0	54
27	Localization of a spin-orbit-coupled Bose-Einstein condensate in a bichromatic optical lattice. <i>Physical Review A</i> , 2014, 89, .	1.0	54
28	Mean-field description of collapsing and exploding Bose-Einstein condensates. <i>Physical Review A</i> , 2002, 66, .	1.0	53
29	OpenMP Fortran and C programs for solving the time-dependent Gross-Pitaevskii equation in an anisotropic trap. <i>Computer Physics Communications</i> , 2016, 204, 209-213.	3.0	52
30	CUDA programs for solving the time-dependent dipolar Gross-Pitaevskii equation in an anisotropic trap. <i>Computer Physics Communications</i> , 2016, 200, 406-410.	3.0	51
31	Coupled Bose-Einstein condensate: Collapse for attractive interaction. <i>Physical Review A</i> , 2001, 63, .	1.0	47
32	Nonlinear Schrödinger equation for a superfluid Bose gas from weak coupling to unitarity: Study of vortices. <i>Physical Review A</i> , 2008, 77, .	1.0	46
33	Mean-field model of interaction between bright vortex solitons in Bose-Einstein condensates. <i>New Journal of Physics</i> , 2003, 5, 137-137.	1.2	45
34	Effective nonlinear Schrödinger equations for cigar-shaped and disc-shaped Fermi superfluids at unitarity. <i>New Journal of Physics</i> , 2009, 11, 023011.	1.2	45
35	Phase separation in a spin-orbit-coupled Bose-Einstein condensate. <i>Physical Review A</i> , 2014, 90, .	1.0	45
36	Tightly bound gap solitons in a Fermi gas. <i>Europhysics Letters</i> , 2007, 79, 50003.	0.7	44

#	ARTICLE	IF	CITATIONS
37	Three-dimensional vortex-bright solitons in a spin-orbit-coupled spin-1 condensate. <i>Physical Review A</i> , 2018, 97, .	1.0	44
38	Method for resonances and virtual states: Efimov virtual states. <i>Physical Review C</i> , 1982, 26, 77-82.	1.1	43
39	Scattering of positronium by H, He, Ne, and Ar. <i>Chemical Physics Letters</i> , 2000, 317, 129-134.	1.2	42
40	Trinucleon system in a two-body model: Coulomb effect on bound and scattering states. <i>Physical Review C</i> , 1987, 35, 441-447.	1.1	39
41	Mobile vector soliton in a spin-orbit coupled spin-1 condensate. <i>Laser Physics Letters</i> , 2015, 12, 045501.	0.6	39
42	OpenMP, OpenMP/MPI, and CUDA/MPI C programs for solving the time-dependent dipolar Gross-Pitaevskii equation. <i>Computer Physics Communications</i> , 2016, 209, 190-196.	3.0	39
43	One-dimensional superfluid Bose-Fermi mixture: Mixing, demixing, and bright solitons. <i>Physical Review A</i> , 2007, 76, .	1.0	37
44	Dynamics of quasi-one-dimensional bright and vortex solitons of a dipolar Bose-Einstein condensate with repulsive atomic interaction. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2011, 44, 101001.	0.6	37
45	Gap solitons in a model of a superfluid fermion gas in optical lattices. <i>Physica D: Nonlinear Phenomena</i> , 2009, 238, 1402-1412.	1.3	36
46	Positronium atom scattering by H ₂ in a coupled-channel framework. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, 1575-1584.	0.6	35
47	Numerical and variational solutions of the dipolar Gross-Pitaevskii equation in reduced dimensions. <i>Laser Physics</i> , 2012, 22, 813-820.	0.6	35
48	Vector solitons in a spin-orbit-coupled spin-2 Bose-Einstein condensate. <i>Physical Review A</i> , 2015, 91, .	1.0	35
49	Cooper pair dispersion relation for weak to strong coupling. <i>Physical Review B</i> , 2000, 62, 8671-8674.	1.1	34
50	New separable expansion for local potentials. <i>Physical Review C</i> , 1974, 10, 1623-1628.	1.1	33
51	Positronium-hydrogen-atom scattering in a five-state model. <i>Physical Review A</i> , 1999, 59, 2058-2064.	1.0	33
52	Localization of a Bose-Einstein-condensate vortex in a bichromatic optical lattice. <i>Physical Review A</i> , 2010, 81, .	1.0	33
53	Efimov effect in the three-nucleon system. <i>Physical Review C</i> , 1982, 26, 83-86.	1.1	32
54	Renormalization in non-relativistic quantum mechanics. <i>Journal of Physics A</i> , 1997, 30, 6553-6564.	1.6	32

#	ARTICLE	IF	CITATIONS
55	Integral equations of scattering in one dimension. American Journal of Physics, 2001, 69, 1010-1013.	0.3	32
56	Self-bound droplet of Bose and Fermi atoms in one dimension: Collective properties in mean-field and Tonks-Girardeau regimes. Physical Review A, 2007, 75, .	1.0	32
57	Model independence of scattering of three identical bosons in two dimensions. Physical Review A, 1993, 47, 1093-1100.	1.0	31
58	The BCSâ€“Bose crossover theory. Physica C: Superconductivity and Its Applications, 2007, 453, 37-45.	0.6	31
59	Symbiotic gap and semigap solitons in Bose-Einstein condensates. Physical Review A, 2008, 77, .	1.0	31
60	Two-component gap solitons with linear interconversion. Physical Review A, 2009, 79, .	1.0	30
61	OpenMP GNU and Intel Fortran programs for solving the time-dependent Grossâ€“Pitaevskii equation. Computer Physics Communications, 2017, 220, 503-506.	3.0	30
62	Stabilization of a(3+1)-dimensional soliton in a Kerr medium by a rapidly oscillating dispersion coefficient. Physical Review E, 2005, 71, 016611.	0.8	29
63	Matter-wave localization in a random potential. Physical Review A, 2010, 82, .	1.0	29
64	Decay Properties of Giant Multipole Resonances: Collective Doorways and Statistical Doorways. Physical Review Letters, 1986, 57, 1998-2001.	2.9	28
65	Positronium impact excitation of hydrogen molecule to B and b states. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, L315-L320.	0.6	28
66	Resonance in Boseâ€“Einstein condensate oscillation from a periodic variation in scattering length. Journal of Physics B: Atomic, Molecular and Optical Physics, 2003, 36, 1109-1120.	0.6	28
67	Dipolar Bose-Einstein condensate in a ring or in a shell. Physical Review A, 2012, 85, .	1.0	28
68	Method for scattering equations. II. Iterative solution. Physical Review C, 1980, 22, 28-35.	1.1	27
69	Positronium scattering by a hydrogen molecule including exchange. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, L737-L743.	0.6	27
70	Quantum scattering in one dimension. European Journal of Physics, 2000, 21, 435-440.	0.3	27
71	Mean-field model for Josephson oscillation in a Bose-Einstein condensate on an one-dimensional optical trap. European Physical Journal D, 2003, 25, 161-166.	0.6	27
72	Gap solitons in superfluid boson-fermion mixtures. Physical Review A, 2007, 76, .	1.0	27

#	ARTICLE	IF	CITATIONS
73	Method for Lippmann-Schwinger equations. Nuclear Physics A, 1974, 235, 352-360.	0.6	26
74	Universal scaling in a trapped Fermi super-fluid in the BCS-unitarity crossover. Laser Physics Letters, 2009, 6, 901-905.	0.6	26
75	Localization of a dipolar Bose-Einstein condensate in a bichromatic optical lattice. Journal of Physics B: Atomic, Molecular and Optical Physics, 2010, 43, 205305.	0.6	25
76	Spurious solutions in few-body equations. Physical Review C, 1979, 19, 616-630.	1.1	24
77	Effect of electron exchange in positronium-hydrogen scattering. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 3147-3154.	0.6	24
78	Numerical study of the coupled time-dependent Gross-Pitaevskii equation: Application to Bose-Einstein condensation. Physical Review E, 2001, 63, 056704.	0.8	24
79	Dynamics of a collapsing and exploding Bose-Einstein condensed vortex state. Physical Review A, 2002, 66, .	1.0	24
80	Positronium-positronium interaction: resonance, scattering length, and Bose-Einstein condensation. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 294, 308-313.	0.9	24
81	Mixing-demixing in a trapped degenerate fermion-fermion mixture. Physical Review A, 2006, 73, .	1.0	24
82	Gap solitons in a dipolar Bose-Einstein condensate on a three-dimensional optical lattice. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 121001.	0.6	24
83	Mixing, demixing, and structure formation in a binary dipolar Bose-Einstein condensate. Physical Review A, 2012, 86, .	1.0	24
84	Low-Temperature Behavior of the Quantum Cluster Coefficients. Physical Review Letters, 1971, 27, 485-487.	2.9	23
85	Analytic models for the density of a ground-state spinor condensate. Physical Review A, 2015, 92, .	1.0	23
86	Multiring, stripe, and superlattice solitons in a spin-orbit-coupled spin-1 condensate. Physical Review A, 2021, 103, .	1.0	23
87	Method for scattering equations. Physical Review C, 1979, 19, 1729-1732.	1.1	22
88	Linear to quadratic crossover of Cooper-pair dispersion relation. Physica C: Superconductivity and Its Applications, 2001, 351, 341-348.	0.6	22
89	Convergent variational calculation of positronium-hydrogen-atom scattering lengths. Journal of Physics B: Atomic, Molecular and Optical Physics, 2001, 34, L187-L194.	0.6	22
90	Stabilization of a light bullet in a layered Kerr medium with sign-changing nonlinearity. Physical Review E, 2004, 70, 036608.	0.8	22

#	ARTICLE	IF	CITATIONS
91	Dimensional reduction of a binary Bose-Einstein condensate in mixed dimensions. Physical Review A, 2010, 82, .	1.0	22
92	Spontaneous symmetry breaking in a spin-orbit-coupled condensate. Physical Review A, 2015, 91, .	1.0	22
93	C and Fortran OpenMP programs for rotating Bose-Einstein condensates. Computer Physics Communications, 2019, 240, 74-82.	3.0	22
94	Effective-range theory in two dimensions. Journal of Chemical Physics, 1986, 85, 5580-5583.	1.2	21
95	Low-energy quenching of positronium by helium. Physical Review A, 1999, 59, 4829-4832.	1.0	21
96	Chaotic oscillation in an attractive Bose-Einstein condensate under an impulsive force. Physical Review A, 2002, 65, .	1.0	21
97	Miscibility in a degenerate fermionic mixture induced by linear coupling. Physical Review A, 2006, 74, .	1.0	21
98	Superfluid Fermi-Fermi mixture: Phase diagram, stability, and soliton formation. Physical Review A, 2007, 76, .	1.0	21
99	Mean-field equations for cigar- and disc-shaped Bose and Fermi superfluids. Journal of Physics B: Atomic, Molecular and Optical Physics, 2009, 42, 215306.	0.6	21
100	Localization of a Bose-Fermi mixture in a bichromatic optical lattice. Physical Review A, 2011, 84, .	1.0	21
101	Dipolar Bose-Einstein condensate soliton on a two-dimensional optical lattice. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 2200-2205.	0.9	21
102	Stable, mobile, dark-in-bright, dipolar Bose-Einstein-condensate solitons. Physical Review A, 2014, 89, .	1.0	21
103	Statics and dynamics of a self-bound matter-wave quantum ball. Physical Review A, 2017, 95, .	1.0	21
104	Mean-field model for the interference of matter waves from a three-dimensional optical trap. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 310, 229-235.	0.9	20
105	Free expansion of fermionic dark solitons in a boson-fermion mixture. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 3607-3617.	0.6	20
106	Two-dimensional dipolar Bose-Einstein condensate bright and vortex solitons on a one-dimensional optical lattice. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 045301.	0.6	20
107	Spin-1 spin-orbit- and Rabi-coupled Bose-Einstein condensate solver. Computer Physics Communications, 2021, 259, 107657.	3.0	20
108	Four-body Efimov effect in a Born-Oppenheimer model. Physical Review D, 1981, 24, 416-425.	1.6	19

#	ARTICLE	IF	CITATIONS
109	Coordinate-space Faddeev-Hahn-type approach to three-body charge-transfer reactions involving exotic particles. <i>Physical Review A</i> , 2000, 61, .	1.0	19
110	Mixing-demixing transition and collapse of a vortex state in a quasi-two-dimensional boson-fermion mixture. <i>Physical Review A</i> , 2007, 75, .	1.0	19
111	Localization of collisionally inhomogeneous condensates in a bichromatic optical lattice. <i>Physical Review A</i> , 2011, 83, .	1.0	19
112	Phase separation of vector solitons in spin-orbit-coupled spin-1 condensates. <i>Physical Review A</i> , 2019, 100, .	1.0	19
113	The Phillips and the Girard-Fuda plot for the trinucleon system. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 132, 257-259.	1.5	18
114	Scaling in the BCS to Bose crossover problem in different partial waves. <i>Physical Review B</i> , 1997, 55, 1110-1113.	1.1	18
115	Free expansion of attractive and repulsive Bose-Einstein condensed vortex states. <i>Physical Review A</i> , 2002, 65, .	1.0	18
116	Dynamics of collapsing and exploding Bose-Einstein condensate. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 296, 145-150.	0.9	18
117	Mean-field model of jet formation in a collapsing Bose-Einstein condensate. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2004, 37, 1185-1194.	0.6	18
118	Separable expansion of the t-matrix in the 3S1-3D1 channel. <i>Nuclear Physics A</i> , 1975, 251, 297-304.	0.6	17
119	Loss of superfluidity in a Bose-Einstein condensate on an optical lattice via a novel classical phase transition. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2003, 308, 302-307.	0.9	17
120	Josephson oscillation of a superfluid Fermi gas. <i>European Physical Journal D</i> , 2008, 47, 413-419.	0.6	17
121	Spatially-antisymmetric localization of matter wave in a bichromatic optical lattice. <i>Laser Physics Letters</i> , 2010, 7, 824-830.	0.6	17
122	Symmetry breaking in a localized interacting binary Bose-Einstein condensate in a bichromatic optical lattice. <i>Physical Review A</i> , 2010, 81, .	1.0	17
123	BCS-BEC crossover in a trapped Fermi super-fluid using a density-functional equation. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 085304.	0.6	17
124	Matter-wave localization in a weakly perturbed optical lattice. <i>Physical Review A</i> , 2011, 84, .	1.0	17
125	Anisotropic sound and shock waves in dipolar Bose-Einstein condensate. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2012, 376, 480-483.	0.9	17
126	Positron-helium scattering in the close coupling approach. <i>Chemical Physics Letters</i> , 1995, 239, 344-348.	1.2	16

#	ARTICLE	IF	CITATIONS
127	Stability and collapse of a coupled Bose-Einstein condensate. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 281, 265-271.	0.9	16
128	Self-trapped quantum balls in binary Bose-Einstein condensates. Journal of Physics B: Atomic, Molecular and Optical Physics, 2019, 52, 055302.	0.6	16
129	Supersolid-like square- and honeycomb-lattice crystallization of droplets in a dipolar condensate. Physical Review A, 2022, 105, .	1.0	16
130	Singularities in three-body final-state amplitudes. Physical Review D, 1974, 9, 1467-1475.	1.6	15
131	Iterative solution of multichannel three-body equations. Physical Review C, 1980, 22, 2359-2368.	1.1	15
132	Robust Scaling in Fragmentation from $d = 1$ to 5. Europhysics Letters, 1992, 18, 119-124.	0.7	15
133	The effect of positronium formation in $e^+i\text{-Li}$ and $e^+i\text{-Na}$ scattering. Chemical Physics Letters, 1994, 222, 302-308.	1.2	15
134	Positron-helium scattering at medium energies. Chemical Physics Letters, 1996, 262, 460-464.	1.2	15
135	Close-coupling calculations of positronium formation in positron-helium scattering. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 3057-3063.	0.6	15
136	Formation of bright solitons and soliton trains in a fermion-fermion mixture by modulational instability. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 2673-2687.	0.7	15
137	Universal behavior of a trapped Fermi superfluid in the BCS-unitarity crossover. Physical Review A, 2009, 79, .	1.0	15
138	Three-body collapse for Tabakin potentials and the Thomas effect. Physical Review C, 1992, 46, 471-476.	1.1	14
139	Resonance in positron - helium scattering at medium energy. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, L81-L85.	0.6	14
140	Phase transition from a $dx^2 + y^2$ to $dx^2 + y^2 + idxy$ superconductor. Physica C: Superconductivity and Its Applications, 1998, 309, 251-256.	0.6	14
141	Differential cross sections for elastic and inelastic positronium-hydrogen-atom scattering. Physical Review A, 2001, 63, .	1.0	14
142	Josephson oscillation and induced collapse in an attractive Bose-Einstein condensate. Physical Review A, 2005, 72, .	1.0	14
143	Statics and dynamics of a binary dipolar Bose-Einstein condensate soliton. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 015302.	0.6	14
144	Correlation among low-energy three-nucleon observables. Physical Review C, 1984, 30, 31-34.	1.1	13

#	ARTICLE	IF	CITATIONS
145	Unified formulation of variational approaches and separable expansions for the solution of scattering equations. <i>Physical Review C</i> , 1987, 36, 1275-1285.	1.1	13
146	Lattice discretization in quantum scattering. <i>Journal of Physics A</i> , 1996, 29, 7157-7163.	1.6	13
147	Demixing and symmetry breaking in binary dipolar Bose-Einstein-condensate solitons. <i>Physical Review A</i> , 2014, 89, .	1.0	13
148	Elastic collision and molecule formation of spatiotemporal light bullets in a cubic-quintic nonlinear medium. <i>Physical Review E</i> , 2016, 94, 032217.	0.8	13
149	Iterative solution of bound-state equations. <i>Physical Review C</i> , 1981, 24, 1186-1190.	1.1	12
150	Alternative to Padé technique for solving scattering integral equations. <i>Physical Review C</i> , 1981, 24, 43-55.	1.1	12
151	Nonuniqueness of solutions to the Lippmann-Schwinger equation in a soluble three-body model. <i>Physical Review A</i> , 1985, 31, 2005-2019.	1.0	12
152	Universal scaling in BCS superconductivity in three dimensions in non-s waves. <i>European Physical Journal B</i> , 1998, 2, 31-36.	0.6	12
153	Two phase transitions in $(dx^2 + y^2 + iz)$ -wave superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1999, 322, 37-44.	0.6	12
154	Positronium-hydrogen atom elastic scattering at medium energies. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2000, 33, L761-L765.	0.6	12
155	Dynamical calculation of direct muon-transfer rates from thermalized muonic hydrogen to C_6^+ and O_8^+ . <i>Physical Review A</i> , 2000, 62, .	1.0	12
156	Stability and collapse of a hybrid Bose-Einstein condensate of atoms and molecules. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, 4231-4241.	0.6	12
157	Effect of an impulsive force on vortices in a rotating Bose-Einstein condensate. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 301, 333-339.	0.9	12
158	Dipolar droplet bound in a trapped Bose-Einstein condensate. <i>Physical Review A</i> , 2013, 87, .	1.0	12
159	Self-trapping of a dipolar Bose-Einstein condensate in a double well. <i>Physical Review A</i> , 2014, 89, .	1.0	12
160	Low temperature HD+ ortho- H_2 inelastic scattering of astrophysical interest. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2016, 49, 015203.	0.6	12
161	Parametrization of the Three-Body D Function. II. <i>Physical Review C</i> , 1972, 6, 1484-1495.	1.1	11
162	Application of renormalization to potential scattering. <i>Journal of Physics A</i> , 1997, 30, 4687-4700.	1.6	11

#	ARTICLE	IF	CITATIONS
163	Differential and partial cross sections of elastic and inelastic positronium-helium-atom scattering. Physical Review A, 2000, 62, .	1.0	11
164	Variational calculation of positronium-helium-atom scattering length. Physical Review A, 2001, 64, .	1.0	11
165	Loss of superfluidity in a Bose-Einstein condensate via forced resonant oscillations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 313, 211-217.	0.9	11
166	Bound states of attractive Bose-Einstein condensates in shallow traps in two and three dimensions. Journal of Physics B: Atomic, Molecular and Optical Physics, 2005, 38, 579-591.	0.6	11
167	Evolution of a collapsing and exploding Bose-Einstein condensate in different trap symmetries. Physical Review A, 2005, 71, .	1.0	11
168	Dynamical collapse in a degenerate binary fermion mixture using a hydrodynamic model. New Journal of Physics, 2006, 8, 258-258.	1.2	11
169	Self-trapping of a binary Bose-Einstein condensate induced by interspecies interaction. Journal of Physics B: Atomic, Molecular and Optical Physics, 2011, 44, 075301.	0.6	11
170	A self-bound matter-wave boson-fermion quantum ball. Laser Physics Letters, 2018, 15, 095501.	0.6	11
171	Supersolid-like solitons in a spin-orbit-coupled spin-2 condensate. Physical Review A, 2022, 105, .	1.0	11
172	Estimate of the triton asymptotic D_0/S ratio. Physical Review C, 1988, 37, 364-369.	1.1	10
173	Anomalies of the Schwinger variational phase shifts. Physical Review A, 1990, 42, 6-9.	1.0	10
174	Low-energy behavior of few-particle scattering amplitudes in two dimensions. Physical Review A, 1992, 46, 3967-3977.	1.0	10
175	Universal scaling in Bardeen-Cooper-Schrieffer superconductivity in two dimensions in non-s waves. Journal of Physics Condensed Matter, 1998, 10, 135-144.	0.7	10
176	Low-energy direct muon transfer from H to Ne ¹⁰⁺ , S ¹⁶⁺ and Ar ¹⁸⁺ using the two-state close-coupling approximation to the Faddeev-Hahn-type equation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2002, 35, 935-945.	0.6	10
177	Bright solitons and soliton trains in a fermion-fermion mixture. European Physical Journal D, 2006, 40, 157-160.	0.6	10
178	Dissipation-managed soliton in a quasi-one-dimensional Bose-Einstein condensate. Laser Physics Letters, 2006, 3, 553-557.	0.6	10
179	Black soliton in a quasi-one-dimensional trapped fermion-fermion mixture. Laser Physics Letters, 2006, 3, 605-611.	0.6	10
180	Statics and dynamics of a self-bound dipolar matter-wave droplet. Laser Physics Letters, 2017, 14, 025501.	0.6	10

#	ARTICLE	IF	CITATIONS
181	Alternative interpretations of the many-particle Lippmann-Schwinger equation. <i>Physical Review C</i> , 1986, 34, 1-13.	1.1	9
182	Unified treatment of bound-state and scattering problems. <i>Physical Review C</i> , 1988, 37, 41-44.	1.1	9
183	Differential cross sections for target excitation and positronium formation in positron-helium scattering. <i>Physical Review A</i> , 1998, 57, 984-989.	1.0	9
184	S-, P- and D-wave resonances in positronium-sodium and positronium-potassium scattering. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2001, 34, 1361-1367.	0.6	9
185	Expansion of a Bose-Einstein condensate formed on a joint harmonic and one-dimensional optical-lattice potential. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 3951-3959.	0.6	9
186	Stable spatial and spatiotemporal optical soliton in the core of an optical vortex. <i>Physical Review E</i> , 2015, 92, 042926.	0.8	9
187	Elastic collision and breather formation of spatiotemporal vortex light bullets in a cubic-quintic nonlinear medium. <i>Laser Physics Letters</i> , 2017, 14, 065402.	0.6	9
188	Vortex lattice in the crossover of a Bose gas from weak coupling to unitarity. <i>Scientific Reports</i> , 2018, 8, 8825.	1.6	9
189	Spurious solutions in few-body equations. II. Numerical investigations. <i>Physical Review C</i> , 1979, 19, 2121-2126.	1.1	8
190	Three-body Lippmann-Schwinger equations. <i>Physical Review C</i> , 1980, 21, 54-57.	1.1	8
191	On resolvent operators in scattering theory. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1983, 95, 21-22.	0.9	8
192	Separable expansions for virtual states and resonances. <i>Physical Review C</i> , 1983, 27, 1826-1829.	1.1	8
193	Lippmann-Schwinger equation in a soluble three-body model: Surface integrals at infinity. <i>Physical Review C</i> , 1987, 35, 415-429.	1.1	8
194	Dynamical scaling in fragmentation. <i>Journal of Applied Physics</i> , 1993, 74, 7577-7587.	1.1	8
195	The effect of positronium formation in positron-alkali-atom scattering. <i>Chemical Physics Letters</i> , 1994, 227, 429-435.	1.2	8
196	Phase transition from $dx^2 + y^2$ to $dx^2 + y^2 + dx$ superconductor. <i>Physical Review B</i> , 1999, 60, 10401-10404.	1.1	8
197	Limits of validity for a semiclassical mean-field two-fluid model for Bose-Einstein condensation thermodynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 286, 299-306.	1.2	8
198	Semiclassical scattering in two dimensions. <i>American Journal of Physics</i> , 2008, 76, 1108-1113.	0.3	8

#	ARTICLE	IF	CITATIONS
199	A comparative study of the low energy HD+ \rightarrow HD rotational excitation/de-excitation collisions and elastic scattering. AIP Advances, 2012, 2, .	0.6	8
200	Fractional-charge vortex in a spinor Bose-Einstein condensate. Physical Review A, 2016, 93, .	1.0	8
201	OpenMP solver for rotating spin-1 spin-orbit- and Rabi-coupled Bose-Einstein condensates. Computer Physics Communications, 2021, 264, 107926.	3.0	8
202	Comment on an alternative to the resonating group method. Physical Review C, 1980, 22, 309-313.	1.1	7
203	Effective range expansion revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 119, 245-248.	1.5	7
204	New class of antisymmetrized optical potentials. Physical Review C, 1984, 29, 1628-1644.	1.1	7
205	A new class of antisymmetrized optical potentials. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 136, 5-9.	1.5	7
206	Surface integrals in the derivation of the Lippmann-Schwinger equation for many-particle systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 1986, 115, 1-5.	0.9	7
207	Possibility of new information about the N-N force in N-d polarization observables. Physical Review C, 1988, 37, 949-953.	1.1	7
208	Born-Oppenheimer and hyperspherical adiabatic approximations in the nuclear- and molecular-mass limits. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1992, 107, 77-89.	0.2	7
209	Formation and maintenance of complex systems. Journal of Physics A, 1995, 28, L613-L618.	1.6	7
210	Quantization rules for bound states in quantum wells. Journal of Physics B: Atomic, Molecular and Optical Physics, 1997, 30, 5987-5997.	0.6	7
211	Bose-Einstein condensation thermodynamics of a trapped gas with attractive interaction. Physica A: Statistical Mechanics and Its Applications, 2000, 284, 97-106.	1.2	7
212	Mixing of superconducting $d_{x^2-y^2}$ state with s-wave states for different filling and temperature. Physica C: Superconductivity and Its Applications, 2001, 355, 77-86.	0.6	7
213	Simulation of a Stationary Dark Soliton in a Trapped Zero-Temperature Bose-Einstein Condensate. Journal of Low Temperature Physics, 2006, 143, 267-281.	0.6	7
214	Stability and collapse of fermions in a binary dipolar boson-fermion mixture. Physical Review A, 2013, 88, .	1.0	7
215	Bright dipolar Bose-Einstein-condensate soliton mobile in a direction perpendicular to polarization. Physical Review A, 2014, 90, .	1.0	7
216	Vortex-lattice in a uniform Bose-Einstein condensate in a box trap. Journal of Physics Condensed Matter, 2019, 31, 275401.	0.7	7

#	ARTICLE	IF	CITATIONS
217	Weak coupling to unitarity crossover in Bose-Fermi mixtures: Mixing-demixing transition and spontaneous symmetry breaking in trapped systems. <i>Physical Review A</i> , 2019, 100, .	1.0	7
218	Spontaneous spatial order in two-dimensional ferromagnetic spin-orbit coupled uniform spin-1 condensate solitons. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021, 388, 127042.	0.9	7
219	Method for three-body equations. <i>Physical Review C</i> , 1975, 12, 1152-1157.	1.1	6
220	Effective range expansion for systems with small scattering length: Pion-pion and neutron-deuteron systems. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 126, 489-492.	1.5	6
221	Discretizing the three-body continuum: Interpretation of non-breakup results. <i>Annals of Physics</i> , 1985, 163, 149-166.	1.0	6
222	Effect of polarization potential in proton-deuteron scattering. <i>Physical Review C</i> , 1988, 37, 1376-1378.	1.1	6
223	Positronium-alkali-ion scattering in the close-coupling approximation. <i>Physical Review A</i> , 1996, 53, 3340-3343.	1.0	6
224	Low-energy three-body charge transfer reactions with Coulomb interaction in the final state. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 5751-5758.	0.6	6
225	Positronium scattering by atoms and molecules at low energies. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2002, 192, 74-82.	0.6	6
226	The critical number of atoms in an attractive Bose-Einstein condensate on optical plus harmonic traps. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 2943-2949.	0.6	6
227	Dynamical classical superfluid-insulator transition in a Bose-Einstein condensate on an optical lattice. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 2725-2731.	0.6	6
228	Stable controllable giant vortex in a trapped Bose-Einstein condensate. <i>Laser Physics Letters</i> , 2019, 16, 085501.	0.6	6
229	Stable multi-peak vector solitons in spin-orbit coupled spin-1 polar condensates. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2020, 118, 113892.	1.3	6
230	Parameterization of the three-body d-function. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1972, 40, 11-14.	1.5	5
231	Low-Energy Behavior of the Few-Body Scattering Amplitudes. <i>Physical Review D</i> , 1973, 8, 1195-1204.	1.6	5
232	Usefulness of bound-state approximations in reaction theory. <i>Physical Review C</i> , 1981, 24, 379-386.	1.1	5
233	Exit doorway states in nuclear reactions. <i>Physical Review C</i> , 1983, 27, 218-231.	1.1	5
234	Nonuniqueness of solutions of three-body Lippmann-Schwinger equations in a soluble model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1984, 105, 203-208.	0.9	5

#	ARTICLE	IF	CITATIONS
235	Iteration-subtraction method for scattering equations compared with continued fractions method. Physical Review C, 1986, 33, 467-470.	1.1	5
236	Anomalies of variational phase shifts. Chemical Physics Letters, 1991, 181, 435-440.	1.2	5
237	Unusually strong attraction in the presence of continuum bound state. Physical Review C, 1992, 46, 1612-1616.	1.1	5
238	Shape-independent expansion for the $3S_1 \sim 3D_1$ mixing parameter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 318, 14-18.	1.5	5
239	Diversity of fragments in the collapse of brittle solids. Physica A: Statistical Mechanics and Its Applications, 1998, 259, 227-234.	1.2	5
240	Two phase transitions in (s + id)-wave Bardeen - Cooper - Schrieffer superconductivity. Journal of Physics Condensed Matter, 1998, 10, L319-L325.	0.7	5
241	Resonances in positronium-rubidium and positronium-cesium scattering. Physics Letters, Section A: General, Atomic and Solid State Physics, 2001, 283, 224-228.	0.9	5
242	Positronium interaction and its Bose-Einstein condensation. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2272-2276.	0.8	5
243	Stability of trapped degenerate dipolar Bose and Fermi gases. Journal of Physics B: Atomic, Molecular and Optical Physics, 2013, 46, 115301.	0.6	5
244	Stable and mobile excited two-dimensional dipolar Bose-Einstein condensate solitons. Journal of Physics B: Atomic, Molecular and Optical Physics, 2014, 47, 225304.	0.6	5
245	Two-dimensional bright and dark-in-bright dipolar Bose-Einstein condensate solitons on a one-dimensional optical lattice. Laser Physics Letters, 2016, 13, 085501.	0.6	5
246	Stable and mobile two-dimensional dipolar ring-dark-in-bright Bose-Einstein condensate soliton. Laser Physics Letters, 2016, 13, 035502.	0.6	5
247	Improved effective-range expansions for small and large values of scattering length. European Journal of Physics, 2018, 39, 055403.	0.3	5
248	Limitation of the Lee-Huang-Yang interaction in forming a self-bound state in Bose-Einstein condensates. Annals of Physics, 2019, 409, 167917.	1.0	5
249	Phase-separated vortex-lattice in a rotating binary Bose-Einstein condensate. Communications in Nonlinear Science and Numerical Simulation, 2019, 71, 212-219.	1.7	5
250	Supersolid-like states in a two-dimensional trapped spin-orbit-coupled spin-1 condensate. Journal of Physics Condensed Matter, 2021, 33, 265402.	0.7	5
251	Symbiotic solitons in quasi-one- and quasi-two-dimensional spin-1 condensates. Physical Review E, 2021, 104, 024207.	0.8	5
252	Dimensional Reduction and Localization of a Bose-Einstein Condensate in a Quasi-1D Bichromatic Optical Lattice. Acta Physica Polonica A, 2015, 128, 979-982.	0.2	5

#	ARTICLE	IF	CITATIONS
253	Analysis of four-body final states: Nonrelativistic. <i>Physical Review C</i> , 1977, 15, 498-504.	1.1	4
254	Relativistic analysis of four-body final states. <i>Nuclear Physics A</i> , 1977, 287, 451-460.	0.6	4
255	Minimal four-body equations. <i>Physical Review C</i> , 1978, 17, 903-915.	1.1	4
256	Nonorthogonality, resonating group method, and multiparticle collision theory. <i>Physical Review C</i> , 1984, 30, 780-788.	1.1	4
257	Class of Jost-like functions. <i>Physical Review C</i> , 1987, 35, 1991-1998.	1.1	4
258	Dimensional versus cut-off renormalization and the nucleon-nucleon interaction. <i>Physical Review C</i> , 1998, 58, 1913-1920.	1.1	4
259	Momentum-space non-hydrogenic wavefunction of quantum defect theory. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1999, 32, 95-99.	0.6	4
260	Comment on "Time-reversal symmetry-breaking superconductivity". <i>Physical Review B</i> , 2001, 63, .	1.1	4
261	Mixing of $d_{x^2-y^2}$ and d_{xy} superconducting states for different filling and temperature. <i>Physica C: Superconductivity and Its Applications</i> , 2002, 370, 146-156.	0.6	4
262	Bright Vortex Solitons in Bose Condensates. <i>Few-Body Systems</i> , 2004, 34, 197.	0.7	4
263	Dipolar Bose-Einstein condensates with large scattering length. <i>Physical Review A</i> , 2012, 85, .	1.0	4
264	Deep inelastic collision of two-dimensional anisotropic dipolar condensate solitons. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022, 106, 106094.	1.7	4
265	Vortex-lattice formation in a spin-orbit coupled rotating spin-1 condensate. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 065404.	0.7	4
266	Four-hadron isobar model. <i>Physical Review D</i> , 1978, 18, 4250-4263.	1.6	3
267	Singularities in four-body final-state amplitudes. <i>Physical Review D</i> , 1978, 18, 4264-4270.	1.6	3
268	Iterative solution of homogeneous integral equations. <i>Journal of Computational Physics</i> , 1981, 43, 189-193.	1.9	3
269	Correlation among low-energy four-nucleon observables. <i>Physical Review C</i> , 1981, 24, 16-28.	1.1	3
270	Low-energy direct nuclear reactions. <i>Physical Review C</i> , 1982, 25, 118-127.	1.1	3

#	ARTICLE	IF	CITATIONS
271	Unified theory of nuclear reactions. Physical Review C, 1983, 27, 2543-2547.	1.1	3
272	Statistical Theory of Multistep Compound Reactions Revisited. Physical Review Letters, 1983, 51, 1834-1837.	2.9	3
273	Wentzel-Kramers-Brillouin-type approximations for bound states in short-range nonsingular potentials. Physical Review C, 1989, 40, 2276-2281.	1.1	3
274	Analytical model for the triton asymptoticD-state parameters. Physical Review C, 1990, 42, 128-137.	1.1	3
275	Anomalies of complex variational phase shifts. Chemical Physics Letters, 1992, 189, 340-345.	1.2	3
276	Model for asymptoticD-state parameters of light nuclei: Application toHe4. Physical Review C, 1994, 50, 822-830.	1.1	3
277	Relativistic Three-Particle Dynamical Equations I. Theoretical Development. Annals of Physics, 1994, 235, 77-102.	1.0	3
278	Positron-helium scattering: Resonance and differential cross sections. Nuclear Physics A, 1998, 631, 715-719.	0.6	3
279	Close-coupling calculations of elastic and inelastic positron-helium scattering. Journal of Physics B: Atomic, Molecular and Optical Physics, 1999, 32, 129-136.	0.6	3
280	Effect of electron correlation on positronium formation in positron-helium scattering. European Physical Journal D, 1999, 5, 217-220.	0.6	3
281	Superconductivity as a Bose-Einstein condensation?. Physica C: Superconductivity and Its Applications, 2000, 341-348, 233-236.	0.6	3
282	Matter-wave interference, Josephson oscillation and its disruption in a Bose-Einstein condensate on an optical lattice. Nuclear Physics A, 2004, 737, 289-293.	0.6	3
283	Gap solitons in fermion superfluids. Mathematics and Computers in Simulation, 2009, 80, 648-659.	2.4	3
284	Quenching of para-H ₂ with an ultracold antihydrogen atomH ⁻ 1s. Physical Review A, 2010, 81, .	1.0	3
285	Study of a degenerate dipolar Fermi gas of ¹⁶¹ Dy atoms. Journal of Physics B: Atomic, Molecular and Optical Physics, 2012, 45, 235303.	0.6	3
286	Symmetry breaking, Josephson oscillation and self-trapping in a self-bound three-dimensional quantum ball. Scientific Reports, 2017, 7, 16045.	1.6	3
287	Solitons in a Spin-Orbit-Coupled Spin-1 Bose-Einstein Condensate. Brazilian Journal of Physics, 2021, 51, 298-307.	0.7	3
288	Separable expansions for local potentials with Coulomb interactions. Physical Review C, 1976, 14, 782-788.	1.1	2

#	ARTICLE	IF	CITATIONS
289	Nonsingular representation of three-body equations. <i>Physical Review D</i> , 1980, 21, 2251-2259.	1.6	2
290	Exit Doorway State in $C_{12}(O_{16}, Be_8)Ne_{20}$. <i>Physical Review Letters</i> , 1981, 46, 1379-1383.	2.9	2
291	Discrete and continuum spurious spectrum of distorted and reduced scattering equations. <i>Physical Review C</i> , 1982, 25, 128-135.	1.1	2
292	Effective range expansion for the pion-pion system. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983, 123, 452-454.	1.5	2
293	Coulomb effect on effective range expansion for systems with small scattering length. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1985, 113, 1-4.	0.9	2
294	Statistical theory of multistep compound reactions. <i>Physical Review C</i> , 1985, 31, 1220-1232.	1.1	2
295	Universality of off-shell two-body scattering amplitudes at negative and positive energies: \hat{T} -matrix formalism. <i>Physical Review A</i> , 1989, 40, 2270-2275.	1.0	2
296	Complex Kohn variational principle for the solution of Lippmann-Schwinger equations. <i>Journal of Computational Physics</i> , 1992, 103, 415-421.	1.9	2
297	Relativistic three-particle scattering equations. <i>Physical Review C</i> , 1993, 48, 2105-2107.	1.1	2
298	Theoretical prevision for the low-energy $^3S_1 \sim ^3D_1$ mixing parameters. <i>Physical Review C</i> , 1994, 50, R2684-R2686.	1.1	2
299	Iterative numerical solution of scattering problems. <i>Chemical Physics Letters</i> , 1995, 241, 477-483.	1.2	2
300	Low-energy three-body atomic collision within a coordinate-space integro-differential equation approach: Muon-transfer reaction. <i>Nuclear Physics A</i> , 2001, 684, 690-692.	0.6	2
301	Low-energy correlations in the positronium-hydrogen-atom system. <i>Nuclear Physics A</i> , 2001, 684, 666-668.	0.6	2
302	Low-energy muon-transfer reaction from hydrogen isotopes to helium isotopes. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 300, 417-420.	0.9	2
303	Finite-well potential in the 3D nonlinear Schrödinger equation: application to Bose-Einstein condensation. <i>European Physical Journal D</i> , 2007, 42, 279-286.	0.6	2
304	Three-Body Protonium Formation in a Collision Between a Slow Antiproton (${}^{\bar{p}}$) and Muonic Hydrogen: ${}^{\bar{p}} + H_{\mu} \rightarrow \bar{p} + (p + \mu^-)_{1s}$ and ${}^{\bar{p}} + (p + \mu^-)_{1s} \rightarrow \bar{p} + p + \mu^-$ - Reaction. <i>Few-Body Systems</i> , 2015, 56, 793-800.	0.7	2
305			

#	ARTICLE	IF	CITATIONS
307	Spatial order in a two-dimensional spin-orbit-coupled spin-1/2 condensate: superlattice, multi-ring and stripe formation. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 425402.	0.7	2
308	Nucleon-nucleon interaction in nuclear matter. <i>Physical Review C</i> , 1977, 16, 777-783.	1.1	1
309	Four-particle scattering with three-particle interactions. <i>Physical Review C</i> , 1979, 19, 26-31.	1.1	1
310	Alternative to Padé technique for iterative solution of integral equations. <i>Journal of Computational Physics</i> , 1981, 43, 382-393.	1.9	1
311	Doorways and multistep compound reactions. <i>Physical Review C</i> , 1983, 28, 2013-2021.	1.1	1
312	Parametrization of strongly overlapping nuclear resonances. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984, 148, 1-4.	1.5	1
313	Relativistic Three-Particle Dynamical Equations II. Application to the Trinucleon System. <i>Annals of Physics</i> , 1994, 235, 103-114.	1.0	1
314	Relativistic effect on low-energy nucleon-deuteron scattering. <i>Physical Review C</i> , 1995, 51, 70-77.	1.1	1
315	Variational iterative method for scattering problems. <i>Chemical Physics Letters</i> , 1996, 258, 595-600.	1.2	1
316	Absence of Cooper-type bound states in three- and few-electron systems. <i>European Physical Journal B</i> , 1998, 5, 219-222.	0.6	1
317	Cooper pair dispersion relation in two dimensions. <i>Physica C: Superconductivity and Its Applications</i> , 2000, 341-348, 151-152.	0.6	1
318	Quantum tunneling fragmentation model. <i>Physical Review E</i> , 2000, 61, 6111-6119.	0.8	1
319	Ultracold collisions between two light indistinguishable diatomic molecules: Elastic and rotational energy transfer in HD+HD. <i>Physical Review A</i> , 2012, 85, .	1.0	1
320	Stable matter-wave solitons in the vortex core of a uniform condensate. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2015, 48, 165303.	0.6	1
321	Cluster model in reaction theory. <i>Physical Review C</i> , 1979, 19, 325-334.	1.1	0
322	Separable expansions to local potentials in a quasipotential approach. <i>Physical Review C</i> , 1979, 19, 1655-1659.	1.1	0
323	Multiple scattering formalism for the effective interaction. <i>Physical Review C</i> , 1980, 22, 787-795.	1.1	0
324	Connections among different multistep compound reaction theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985, 160, 9-12.	1.5	0

#	ARTICLE	IF	CITATIONS
325	Exit doorways and intermediate structure resonances. Physical Review C, 1986, 33, 471-480.	1.1	0
326	Sum rule approach to the study of statistical decay properties of nuclear giant resonances. Physical Review C, 1988, 37, 2332-2333.	1.1	0
327	Complex Kohn variational principle for two-nucleon bound-state and scattering. AIP Conference Proceedings, 1995, , .	0.3	0
328	Reply to comment on 'Quantization rules for bound states in quantum wells'. Journal of Physics B: Atomic, Molecular and Optical Physics, 2000, 33, 1469-1470.	0.6	0
329	Symmetry-breaking vortex-lattice of a binary superfluid in a rotating bucket. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126105.	0.9	0
330	Low-energy three-body collisions between an antiproton \bar{p} and muonic hydrogen atom $\text{H}\mu$. EPJ Web of Conferences, 2022, 262, 01023.	0.1	0