Jon Links

List of Publications by Year
in descending order

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119	1,722	331538	345118
papers	citations	21	36
		h-index	g-index

120	120	120	549
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protocol designs for NOON states. Communications Physics, 2022, 5, .	2.0	17
2	The Yangâ€“Baxter paradox. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 254001.	0.7	1
3	Separable and entangled states in the high-spin <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>X</mml:mi><mml:mi>X</mml:mi></mml:mrow></mml central spin model. Physical Review B, 2020, 101, .	1.1	9
4	Ground-state energy of a Richardson-Gaudin integrable BCS model. , 2020, 2, .		4
5	Entangled states of dipolar bosons generated in a triple-well potential. , 2020, 2, .		9
6	Extended Calogero models: a construction for exactly solvable kN-body systems. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 455203.	0.7	1
7	Control of tunneling in an atomtronic switching device. Communications Physics, 2018, 1, .	2.0	22
8	Ground-state energies of the open and closed pâ€¯+â€¯ip-pairing models from the Bethe Ansatz. Nuclear Physics B, 2018, 937, 28-55.	0.9	8
9	Exact ground-state correlation functions of an atomic-molecular Boseâ€“Einstein condensate model. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 095302.	0.6	1
10	Energy-level crossings and number-parity effects in a bosonic tunneling model. Journal of Physics B: Atomic, Molecular and Optical Physics, 2018, 51, 145301.	0.6	3
11	Quantum integrable multi-well tunneling models. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 264001.	0.7	12
12	Solution of the classical Yangâ€“Baxter equation with an exotic symmetry, and integrability of a multi-species boson tunnelling model. Nuclear Physics B, 2017, 916, 117-131.	0.9	15
13	Two-site Bose-Hubbard model with nonlinear tunneling: Classical and quantum analysis. Physical Review A, 2017, 95, .	1.0	20
14	Completeness of the Bethe states for the rational, spin-1/2 Richardson-Gaudin system. SciPost Physics, 2017, 3, .	1.5	14
15	An integrable case of thep+ ippairing Hamiltonian interacting with its environment. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 084001.	0.7	18
16	Exact solution of the $p+{m{i}}p$ Hamiltonian revisited: duality relations in the hole-pair picture. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 374001.	0.7	12
17	Richardsonâ€”Gaudin form of Bethe Ansatz solutions for an atomic-molecular Bose-Einstein condensate model. Journal of Physics: Conference Series, 2015, 597, 012068.	0.3	1
18	Ground-state Bethe root densities and quantum phase transitions. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 045204.	0.7	5

#	Article	IF	Citations
19	Integrable model of bosons in a four-well ring with anisotropic tunneling. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 494001.	0.7	8
20	On the boundaries of quantum integrability for the spin-1/2 Richardsonâ€“Gaudin system. Nuclear Physics B, 2014, 886, 364-398.	0.9	20
21	New quasi-exactly solvable class of generalized isotonic oscillators. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 395305.	0.7	12
22	Integrability of an extended -wave pairing Hamiltonian. Nuclear Physics B, 2013, 866, 378-390.	0.9	10
23	BCS model with asymmetric pair scattering: a non-Hermitian, exactly solvable Hamiltonian exhibiting generalized exclusion statistics. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 305205.	0.7	1
24	Deconfined quantum criticality and generalized exclusion statistics in a non-Hermitian BCS model. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 462002.	0.7	2
25	Universal construction of order parameters for translation-invariant quantum lattice systems with symmetry-breaking order. Physical Review E, 2012, 86, 020102.	0.8	3
26	Hopf Algebra Symmetries of an Integrable Hamiltonian for Anyonic Pairing. Axioms, 2012, 1, 226-237.	0.9	3
27	A variational approach for the quantum inverse scattering method. Inverse Problems, 2012, 28, 035008.	1.0	7
28	Generalized Heineâ€“Stieltjes and Van Vleck polynomials associated with two-level, integrable BCS models. Journal of Statistical Mechanics: Theory and Experiment, 2012, 2012, P08019.	0.9	24
29	Quasi-exactly solvable models derived from the quasi-Gaudin algebra. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 482001.	0.7	3
30	Exact solutions for a family of spin-boson systems. Nonlinearity, 2011, 24, 1975-1986.	0.6	21
31	Ground-state phase diagram for a system of interacting, non-Abelian anyons. Nuclear Physics B, 2011, 844, 129-145.	0.9	5
32	Solutions of the Yangâ€“Baxter equation: Descendants of the six-vertex model from the Drinfeld doubles of dihedral group algebras. Nuclear Physics B, 2011, 847, 387-412.	0.9	7
33	BECâ€“BCS crossover in a (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML") Tj ETQq1 1 0.784314 rgBT /Overlock 1 0 pairing Hamiltonian coupled to bosonic molecular pairs. Nuclear Physics B, 2011, 848, 372-397.	0.9	9
34	Quantum phase transitions in an interacting atom-molecule boson model. Physical Review A, 2010, 81, .	1.0	23
35	Exact solution of the p + ip pairing Hamiltonian and a hierarchy of integrable models. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P08025.	0.9	43
36	Bethe ansatz solution of an integrable, non-Abelian anyon chain with symmetry. Nuclear Physics B, 2010, 836, 171-185.	0.9	4

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37	Exactly solvable pairing model for superconductors with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mi>p</mml:mi><mml:mi>x</mml:mi></mml:msub><mml:mo>+</mml:mo><mml:mi> symmetry. Physical Review B, 2009, 79, .	1.1	67
38	A Bethe ansatz study of the ground state energy for the repulsive Boseâ€“Hubbard dimer. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P03013.	0.9	12
39	Integrable boundary conditions for a non-Abelian anyon chain with <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>D</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mi>D</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:mo) Tj ETQq1 1 0.78431	0.9	7
40	Universal spectral parameter-dependent Lax operators for the Drinfeld double of the dihedral groupD3. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 042002.	0.7	3
41	Some spectral equivalences between SchrÃ¶dinger operators. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 315211.	0.7	2
42	The quantum inverse scattering method with anyonic grading. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 465201.	0.7	12
43	WHERE THE LINKSâ€“GOULD INVARIANT FIRST FAILS TO DISTINGUISH NONMUTANT PRIME KNOTS. Journal of Knot Theory and Its Ramifications, 2007, 16, 1021-1041.	0.1	11
44	AN ALGEBRAIC APPROACH TO SYMMETRIC PRE-MONOIDAL STATISTICS. Journal of Algebra and Its Applications, 2007, 06, 49-69.	0.3	0
45	Emergent quantum phases in a heteronuclear molecular Boseâ€“Einstein condensate model. Nuclear Physics B, 2007, 767, 227-249.	0.9	20
46	Ground-state properties of the attractive one-dimensional Bose-Hubbard model. Physical Review B, 2007, 75, .	1.1	70
47	Lax Operator for the Quantised Orthosymplectic Superalgebra U q [osp(m|n)]. Algebras and Representation Theory, 2007, 10, 593-617.	0.4	0
48	Representations of the quantum doubles of finite group algebras and spectral parameter dependent solutions of the Yangâ€“Baxter equation. Journal of Mathematical Physics, 2006, 47, 103511.	0.5	18
49	A Bethe ansatz solvable model for superpositions of Cooper pairs and condensed molecular bosons. Nuclear Physics B, 2006, 748, 458-472.	0.9	6
50	Generalized Perkâ€“Schultz models: solutions of the Yangâ€“Baxter equation associated with quantized orthosymplectic superalgebras. Journal of Physics A, 2006, 39, L17-L26.	1.6	2
51	On quantum phase crossovers in finite systems. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P11005-P11005.	0.9	8
52	The Two-Site Boseâ€“Hubbard Model. Annales Henri Poincare, 2006, 7, 1591-1600.	0.8	22
53	Lax operator for the quantized orthosymplectic superalgebraUq[osp(2|n)]. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P06011-P06011.	0.9	3
54	Classical and quantum dynamics of a model for atomic-molecular Bose-Einstein condensates. Physical Review A, 2006, 73, .	1.0	48

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55	Bethe Ansatz Solutions of the Bose-Hubbard Dimer. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2006, , .	0.5	8
56	The 1D Bose Gas with Weakly Repulsive Delta Interaction. Journal of the Physical Society of Japan, 2005, 74, 53-56.	0.7	6
57	Ground-State Entanglement of the BCS Model. Physical Review Letters, 2005, 94, 227002.	2.9	30
58	Measurement-Based Teleportation along Quantum Spin Chains. Physical Review Letters, 2005, 95, 230501.	2.9	23
59	Eigenvalues of Casimir invariants for Uq[osp(mâˆ£n)]. Journal of Mathematical Physics, 2005, 46, 123501.	0.5	2
60	Infinitely many two-variable generalisations of the Alexanderâ€“Conway polynomial. Algebraic and Geometric Topology, 2005, 5, 405-418.	0.1	10
61	Energy level statistics for models of coupled single-mode Boseâ€“Einstein condensates. Journal of Statistical Mechanics: Theory and Experiment, 2004, 2004, P10019.	0.9	3
62	Integrability of the Russian doll BCS model. Nuclear Physics B, 2004, 702, 481-494.	0.9	22
63	Algebraic Bethe ansatz method for the exact calculation of energy spectra and form factors: applications to models of BoseÂEinstein condensates and metallic nanograins. Journal of Physics A, 2003, 36, R63-R104.	1.6	126
64	Exact results for a tunnel-coupled pair of trapped BoseÂEinstein condensates. Journal of Physics A, 2003, 36, L113-L119.	1.6	39
65	Integrable generalized spin ladder models based on the SU(1âˆ£3) and SU(3âˆ£1) algebras. Journal of Mathematical Physics, 2003, 44, 6032.	0.5	0
66	Solvable models of Boseâ€“Einstein condensates: A new algebraic Bethe ansatz scheme. Journal of Mathematical Physics, 2003, 44, 4690.	0.5	10
67	Link Invariants Associated with Gauge Equivalent Solutions of the Yangâ€“Baxter Equation: The One-Parameter Family of Minimal Typical Representations of Uq[gl(2∣1)]. Journal of Knot Theory and Its Ramifications, 2003, 12, 739-749.	0.1	1
68	EXACT SOLUTION, SCALING BEHAVIOUR AND QUANTUM DYNAMICS OF A MODEL OF AN ATOM-MOLECULE BOSEâ€“EINSTEIN CONDENSATE. International Journal of Modern Physics B, 2003, 17, 5819-5828.	1.0	13
69	Integrable impurity spin ladder systems. Journal of Physics A, 2003, 36, 359-370.	1.6	2
70	Integrable variant of the one-dimensional Hubbard model. Journal of Mathematical Physics, 2002, 43, 3445-3457.	0.5	2
71	INTEGRABLE COUPLING IN A MODEL FOR JOSEPHSON TUNNELING BETWEEN NON-IDENTICAL BCS SYSTEMS. International Journal of Modern Physics B, 2002, 16, 2009-2015.	1.0	4
72	EXACT SOLUTION AT INTEGRABLE COUPLING OF A MODEL FOR THE JOSEPHSON EFFECT BETWEEN SMALL METALLIC GRAINS. International Journal of Modern Physics B, 2002, 16, 3429-3438.	1.0	4

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73	Reply to comment on $lquot$Integrable Kondo impurity in one-dimensional q-deformed t$ndash$J models$rquot$. Journal of Physics A, 2002, 35, 6197-6201.	1.6	0
74	Integrability and exact spectrum of a pairing model for nucleons. Journal of Physics A, 2002, 35, 6459-6469.	1.6	33
75	Superconducting correlations in metallic nanoparticles:â€ƒExact solution of the BCS model by the algebraic Bethe ansatz. Physical Review B, 2002, 65, .	1.1	80
76	Integrability and exact solution for coupled BCS systems associated with the su(4) Lie algebra. Nuclear Physics B, 2002, 642, 501-514.	0.9	14
77	Title is missing!. Letters in Mathematical Physics, 2002, 60, 275-282.	0.5	13
78	INTEGRABLE COUPLING IN A MODEL FOR JOSEPHSON TUNNELING BETWEEN NON-IDENTICAL BCS SYSTEMS. , 2002, , .		0
79	Algebraic Bethe ansatz for integrable extended Hubbard models arising from supersymmetric group solutions. Journal of Physics A, 2001, 34, 4459-4474.	1.6	4
80	Transfer matrix eigenvalues of the anisotropic multiparametricUmodel. Journal of Physics A, 2001, 34, 5835-5862.	1.6	3
81	Integrable Kondo impurity in one-dimensionalq-deformedt-Jmodels. Journal of Physics A, 2001, 34, 8543-8561.	1.6	6
82	Integrable anisotropic spin-ladder model. Physical Review B, 2001, 64, .	1.1	7
83	Ladder Operator for the One-Dimensional Hubbard Model. Physical Review Letters, 2001, 86, 5096-5099.	2.9	18
84	Integrable open supersymmetric U model with boundary impurity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 271, 198-206.	0.9	1
85	A construction for R-matrices without difference property in the spectral parameter. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 265, 194-206.	0.9	1
86	Solution of a two-leg spin ladder system. Physical Review B, 2000, 62, 65-68.	1.1	13
87	Twisting invariance of link polynomials derived from ribbon quasi-Hopf algebras. Journal of Mathematical Physics, 2000, 41, 5020-5032.	0.5	19
88	BETHE ANSATZ SOLUTION OF THE CLOSED ANISOTROPIC SUPERSYMMETRIC U MODEL WITH QUANTUM SUPERSYMMETRY. Modern Physics Letters A, 2000, 15, 133-143.	0.5	2
89	Integrable Kondo impurities in one-dimensional extended Hubbard models. Physical Review B, 2000, 62, 4906-4921.	1.1	4
90	New integrable model of correlated electrons with off-diagonal long-range order fromso(5) symmetry. Journal of Physics A, 1999, 32, L441-L445.	1.6	3

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91	Extended integrability regime for the supersymmetricUmodel. Journal of Physics A, 1999, 32, L315-L319.	1.6	4
92	Integrability of atJmodel with impurities. Journal of Physics A, 1999, 32, 147-157.	1.6	34
93	Bethe ansatz solution of a closed spin 1XXZHeisenberg chain with quantum algebra symmetry. Journal of Mathematical Physics, 1999, 40, 726-735.	0.5	10
94	Graded reflection equation algebras and integrable Kondo impurities in the one-dimensional t-J model. Nuclear Physics B, 1999, 546, 779-799.	0.9	32
95	Algebraic properties of an integrable t-J model with impurities. Nuclear Physics B, 1999, 552, 707-726.	0.9	28
96	Integrable multiparametric quantum spin chains. Journal of Physics A, 1998, 31, 687-695.	1.6	20
97	On the construction of integrable closed chains with quantum supersymmetry. Journal of Physics A, 1997, 30, 2483-2487.	1.6	14
98	Anisotropic Correlated Electron Model Associated with the Temperleyâ€“Lieb Algebra. Modern Physics Letters A, 1997, 12, 1035-1040.	0.5	5
99	General eigenvalue formula for Casimir invariants of type I quantum superalgebras. Journal of Mathematical Physics, 1996, 37, 2426-2456.	0.5	4
100	A qâ€superdimension formula for irreps of type I quantum superalgebras. Journal of Mathematical Physics, 1996, 37, 484-492.	0.5	3
101	Integrable electron model with correlated hopping and quantum supersymmetry. Physics Letters, Section A: General, Atomic and Solid State Physics, 1996, 212, 156-160.	0.9	48
102	Algebraic Bethe ansatz for the supersymmetricUmodel. Physical Review B, 1996, 54, 8430-8437.	1.1	15
103	Type-I quantum superalgebras, q-supertrace, and two-variable link polynomials. Journal of Mathematical Physics, 1996, 37, 987.	0.5	11
104	INTEGRABLE SYSTEMS ON OPEN CHAINS WITH QUANTUM SUPERSYMMETRY. International Journal of Modern Physics B, 1996, 10, 3461-3480.	1.0	20
105	Temperley - Lieb algebra and a new integrable electronic model. Journal of Physics A, 1996, 29, L69-L73.	1.6	5
106	New Supersymmetric and Exactly Solvable Model of Correlated Electrons. Physical Review Letters, 1995, 74, 2768-2771.	2.9	131
107	ON TYPE I QUANTUM AFFINE SUPERALGEBRAS. International Journal of Modern Physics A, 1995, 10, 3259-3281.	0.5	30
108	Classification of unitary and grade star irreps for Uq(osp(2â€–2n)). Journal of Mathematical Physics, 1995, 36, 531-545.	0.5	9

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109	Induced module construction for highest-weight representations of Uq(gl(n)) at roots of unity. Journal of Physics A, 1994, 27, L861-L869.	1.6	1
110	Diagonalization of the braid generator on unitary irreps of quantum supergroups. Letters in Mathematical Physics, 1994, 32, 231-240.	0.5	4
111	Invariants for quantum supergroups and some applications. Bulletin of the Australian Mathematical Society, 1994, 49, 347-348.	0.3	0
112	Multiparameter link invariants from quantum supergroups. Journal of Mathematical Physics, 1994, 35, 1377-1386.	0.5	6
113	Baxterization of ther-matrix for the adjoint representation of U q [D(2, 1;?)]. Letters in Mathematical Physics, 1993, 27, 51-58.	0.5	0
114	QUANTUM SUPERGROUPS, LINK POLYNOMIALS AND REPRESENTATION OF THE BRAID GENERATOR. Reviews in Mathematical Physics, 1993, 05, 345-361.	0.7	16
115	Eigenvalues of Casimir invariants of Uq(gl(m/n)). Journal of Mathematical Physics, 1993, 34, 6016-6024.	0.5	7
116	Raising and lowering operators for Uq(gl(n)). Journal of Mathematical Physics, 1993, 34, 1577-1586.	0.5	2
117	Matrix elements and Wigner coefficients for Uq[gl(n)]. Journal of Mathematical Physics, 1992, 33, 1008-1022.	0.5	12
118	Two variable link polynomials from quantum supergroups. Letters in Mathematical Physics, 1992, 26, 187-198.	0.5	36
119	Ground-State Analysis for an Exactly Solvable Coupled-Spin Hamiltonian. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	0