

Yao-Zhong Zhang

List of Publications by Year in descending order

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191
papers

2,297
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37
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193
all docs

193
docs citations

193
times ranked

589
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of polynomial algebras from intermediate Casimir invariants of Lie algebras. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 335203.	2.1	1
2	Embedding of the Racah algebra $R(n)$ and superintegrability. Annals of Physics, 2021, 426, 168397.	2.8	13
3	N-dimensional Smorodinsky-Winternitz model and related higher rank quadratic algebra $SW(N)$. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 395201.	2.1	5
4	Racah algebra $R(n)$ from coalgebraic structures and chains of $R(3)$ substructures. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 395202.	2.1	8
5	Exact solution of the two-axis two-spin Hamiltonian. Journal of Statistical Mechanics: Theory and Experiment, 2021, 2021, 103104.	2.3	0
6	Analytic solutions of the Teukolsky equation for massless perturbations of any spin in de Sitter background. Journal of Mathematical Physics, 2020, 61, 103508.	1.1	0
7	New R-matrices with non-additive spectral parameters and integrable models of strongly correlated fermions. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
8	Superintegrable systems from block separation of variables and unified derivation of their quadratic algebras. Annals of Physics, 2019, 411, 167970.	2.8	7
9	Extended Laplace-Runge-Lenz vectors, new family of superintegrable systems and quadratic algebras. Annals of Physics, 2019, 402, 78-90.	2.8	2
10	Ladder operators and coherent states for multi-step supersymmetric rational extensions of the truncated oscillator. Journal of Mathematical Physics, 2019, 60, .	1.1	7
11	Strong Superadditive Deficit of Coherence and Quantum Correlations Distribution. Chinese Physics Letters, 2019, 36, 080303.	3.3	1
12	Coherent states for rational extensions and ladder operators related to infinite-dimensional representations. Journal of Physics: Conference Series, 2019, 1416, 012013.	0.4	1
13	Influence of a dark soliton on the reflection of a Bose-Einstein condensate by a square barrier. Laser Physics, 2019, 29, 015501.	1.2	6
14	On superintegrable monopole systems. Journal of Physics: Conference Series, 2018, 965, 012018.	0.4	1
15	Non-classical behaviour of coherent states for systems constructed using exceptional orthogonal polynomials. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 085202.	2.1	10
16	Algebraic calculations for spectrum of superintegrable system from exceptional orthogonal polynomials. Annals of Physics, 2018, 391, 203-215.	2.8	6
17	Extended Calogero models: a construction for exactly solvable kN -body systems. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 455203.	2.1	1
18	Bell inequalities violation within non-Bunch-Davies states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 403-409.	4.1	7

#	ARTICLE	IF	CITATIONS
19	Quantum estimation in an expanding spacetime. <i>Annals of Physics</i> , 2018, 397, 336-350.	2.8	11
20	Recurrence approach and higher order polynomial algebras for superintegrable monopole systems. <i>Journal of Mathematical Physics</i> , 2018, 59, 052101.	1.1	2
21	Fine-grained uncertainty relations under relativistic motion. <i>Europhysics Letters</i> , 2018, 122, 60001.	2.0	8
22	Quantum superintegrable system with a novel chain structure of quadratic algebras. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 255201.	2.1	14
23	Coherent states for ladder operators of general order related to exceptional orthogonal polynomials. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 315203.	2.1	9
24	Exact solution of the two-axis countertwisting Hamiltonian. <i>Annals of Physics</i> , 2017, 376, 182-193.	2.8	4
25	Exact solution of the two-axis countertwisting hamiltonian for the half-integer J case. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2017, 2017, 023104.	2.3	4
26	On the 2-mode and k-photon quantum Rabi models. <i>Reviews in Mathematical Physics</i> , 2017, 29, 1750013.	1.7	5
27	Quadratic algebra structure in the 5D Kepler system with non-central potentials and Yang-Coulomb monopole interaction. <i>Annals of Physics</i> , 2017, 380, 121-134.	2.8	7
28	One loop amplitude from null string. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	7
29	Quadratic algebra for superintegrable monopole system in a Taub-NUT space. <i>Journal of Mathematical Physics</i> , 2016, 57, 092104.	1.1	9
30	Hiddensl(2)-algebraic structure in Rabi model and its 2-photon and two-mode generalizations. <i>Annals of Physics</i> , 2016, 375, 460-470.	2.8	9
31	Recurrence approach and higher rank cubic algebras for the N -dimensional superintegrable systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 125201.	2.1	11
32	Family of N -dimensional superintegrable systems and quadratic algebra structures. <i>Journal of Physics: Conference Series</i> , 2016, 670, 012024.	0.4	1
33	On Nichols (braided) Lie algebras. <i>International Journal of Mathematics</i> , 2015, 26, 1550082.	0.5	0
34	A new family of N -dimensional superintegrable double singular oscillators and quadratic algebra $Q(3) \hat{=} so(n) \hat{=} so(N-n)$. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 445207.	2.1	9
35	Uncertainty relation in Schwarzschild spacetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 743, 198-204.	4.1	27
36	Quadratic algebra structure and spectrum of a new superintegrable system in N -dimension. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 185201.	2.1	10

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37	<p> $\text{math altimg="si1.gif" display="inline" overflow="scroll"}$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema- instance" xmlns:xi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" </p>	2.8	11
38	Construction of basis vectors for symmetric irreducible representations of $O(5) \supset O(3)$. European Physical Journal Plus, 2014, 129, 1.	2.6	12
39	Probing Planckian physics in de Sitter space with quantum correlations. Annals of Physics, 2014, 351, 872-899.	2.8	5
40	Exact Polynomial Solutions of Schrödinger Equation with Various Hyperbolic Potentials. Communications in Theoretical Physics, 2014, 61, 153-159.	2.5	28
41	New quasi-exactly solvable class of generalized isotonic oscillators. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 395305.	2.1	12
42	Entropic uncertainty relations under the relativistic motion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 527-532.	4.1	40
43	Efficient universal quantum computation with auxiliary Hilbert space. Physical Review A, 2013, 88, .	2.5	13
44	Notes on teleportation in an expanding space. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 719, 430-434.	4.1	10
45	Novel quasi-exactly solvable models with anharmonic singular potentials. Annals of Physics, 2013, 330, 246-262.	2.8	19
46	On the solvability of the quantum Rabi model and its 2-photon and two-mode generalizations. Journal of Mathematical Physics, 2013, 54, .	1.1	47
47	Exact solutions to relativistic singular fractional power potentials. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 505301.	2.1	4
48	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.	2.1	1
49	CLASSIFICATION OF QUIVER HOPF ALGEBRAS AND POINTED HOPF ALGEBRAS OF TYPE ONE. Bulletin of the Australian Mathematical Society, 2013, 87, 216-237.	0.5	0
50	Heine-Stieltjes correspondence and a new angular momentum projection for many-particle systems. Physical Review C, 2013, 88, .	2.9	21
51	Solving the two-mode squeezed harmonic oscillator and the k -th-order harmonic generation in Bargmann-Hilbert spaces. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 455302.	2.1	13
52	EXACTLY SOLVABLE, NON-HERMITIAN BCS HAMILTONIAN. , 2013, , 627-630.		0
53	Deconfined quantum criticality and generalized exclusion statistics in a non-Hermitian BCS model. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 462002.	2.1	2
54	Free-field realization of the exceptional current superalgebra $\widehat{D(2,1;\alpha)}_k$. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 405204.	2.1	2

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55	EXACT SOLUTIONS OF THE SCHRÖDINGER EQUATION WITH SPHERICALLY SYMMETRIC OCTIC POTENTIAL. <i>Modern Physics Letters A</i> , 2012, 27, 1250112.	1.2	15
56	POINTED HOPF ALGEBRAS WITH CLASSICAL WEYL GROUPS. <i>International Journal of Mathematics</i> , 2012, 23, 1250066.	0.5	3
57	Drinfeld Twist and Symmetric Bethe Vectors of Open XYZ Chain with Non-Diagonal Boundary Terms. <i>Communications in Theoretical Physics</i> , 2012, 57, 19-28.	2.5	0
58	Determinant representations for scalar products of the XXZ Gaudin model with general boundary terms. <i>Nuclear Physics B</i> , 2012, 862, 835-849.	2.5	14
59	Quasi-exactly solvable relativistic soft-core Coulomb models. <i>Annals of Physics</i> , 2012, 327, 2275-2287.	2.8	6
60	Exact polynomial solutions of second order differential equations and their applications. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2012, 45, 065206.	2.1	57
61	Unified derivation of exact solutions for a class of quasi-exactly solvable models. <i>Journal of Mathematical Physics</i> , 2012, 53, .	1.1	37
62	Quasi-exactly solvable models derived from the quasi-Gaudin algebra. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2011, 44, 482001.	2.1	3
63	Exact solutions for a family of spin-boson systems. <i>Nonlinearity</i> , 2011, 24, 1975-1986.	1.4	21
64	Determinant formula for the partition function of the six-vertex model with a non-diagonal reflecting end. <i>Nuclear Physics B</i> , 2011, 844, 289-307.	2.5	8
65	Domain wall partition function of the eight-vertex model with a non-diagonal reflecting end. <i>Nuclear Physics B</i> , 2011, 847, 367-386.	2.5	12
66	Scalar products of the open XYZ chain with non-diagonal boundary terms. <i>Nuclear Physics B</i> , 2011, 848, 523-544.	2.5	8
67	Determinant representations of scalar products for the open XXZ chain with non-diagonal boundary terms. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	11
68	On classification of n-Lie algebras. <i>Frontiers of Mathematics in China</i> , 2011, 6, 581-606.	0.7	40
69	Polynomial algebras and exact solutions of general quantum nonlinear optical models: II. Multi-mode boson systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 375211.	2.1	12
70	Polynomial algebras and exact solutions of general quantum nonlinear optical models I: two-mode boson systems. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 185204.	2.1	24
71	Drinfeld twists of the open XXZ chain with non-diagonal boundary terms. <i>Nuclear Physics B</i> , 2010, 831, 408-428.	2.5	9
72	Partition function of the eight-vertex model with domain wall boundary condition. <i>Journal of Mathematical Physics</i> , 2009, 50, .	1.1	15

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73	$\langle \text{mml:math xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{ altimg=} \text{si1.gif} \text{ overflow=} \text{scroll} \rangle \langle \text{mml:mrow} \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{-Lie algebras with an ideal} \langle \text{mml:math xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{ altimg=} \text{si2.gif} \text{ overflow=} \text{scroll} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{. Linear Algebra and Its Applications, 2009, 431, 673-700.}$	0.9	10
74	Differential operator realizations of superalgebras and free field representations of corresponding current algebras. Nuclear Physics B, 2009, 823, 372-402.	2.5	4
75	Energetics in condensate star and wormholes. Physical Review D, 2009, 79, .	4.7	31
76	Bethe Ansatz Solutions to Quasi Exactly Solvable Difference Equations. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2009, , .	0.5	4
77	$\langle \text{mml:math xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{ altimg=} \text{si1.gif} \text{ display=} \text{inline} \text{ overflow=} \text{scroll} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \text{ mathvariant=} \text{italic} \rangle \text{Spin} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle c \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mo} \text{ stretchy=} \text{false} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 572 Td} \langle \text{mml:math} \rangle \text{ (stretchy=} \text{false} \rangle \text{. Annals of Physics, 2008, 323, 2107-2114.}$	2.8	1
78	Multiple reference states and complete spectrum of the Belavin model with open boundaries. Nuclear Physics B, 2008, 789, 591-609.	2.5	13
79	On explicit free field realization of current algebras. Nuclear Physics B, 2008, 800, 527-546.	2.5	4
80	Free-field realization of the $\langle \text{mml:math xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{ display=} \text{inline} \rangle \langle \text{mml:mi} \rangle o \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle s \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mo} \text{ stretchy=} \text{false} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle n \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td} \langle \text{mml:math} \rangle \text{ (stretchy=} \text{false} \rangle \text{. Journal of Mathematical Physics, 2008, 49, 083504.}$	4.0	1
81	Local Quasitriangular Hopf Algebras. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2008, , .	0.5	0
82	CLASSIFICATION OF PM QUIVER HOPF ALGEBRAS. Journal of Algebra and Its Applications, 2007, 06, 919-950.	0.4	2
83	On the second reference state and complete eigenstates of the open XXZ chain. Journal of High Energy Physics, 2007, 2007, 044-044.	4.7	49
84	Free field realization of current superalgebra $gl(\mathfrak{m} \hat{\otimes} \mathfrak{n})_k$. Journal of Mathematical Physics, 2007, 48, 053514.	1.1	7
85	Supersymmetric vertex models with domain wall boundary conditions. Journal of Mathematical Physics, 2007, 48, 023504.	1.1	17
86	Finite matrix model of quantum hall fluids on S^2 . Bulletin of the Australian Mathematical Society, 2007, 76, 111-132.	0.5	1
87	Exact classical solutions of nonlinear sigma models on supermanifolds. Nuclear Physics B, 2007, 772, 371-384.	2.5	0
88	Structures and Representations of Generalized Path Algebras. Algebras and Representation Theory, 2007, 10, 117-134.	0.7	3
89	relation and exact solution for the XYZ chain with general non-diagonal boundary terms. Nuclear Physics B, 2006, 744, 312-329.	2.5	41
90	Q-operator and $\langle \text{mml:math altimg=} \text{si1.gif} \text{ overflow=} \text{scroll} \text{ xmlns:xocs=} \text{http://www.elsevier.com/xml/xocs/dtd} \text{ xmlns:xs=} \text{http://www.w3.org/2001/XMLSchema} \text{ xmlns:xsi=} \text{http://www.w3.org/2001/XMLSchema-instance} \text{ xmlns=} \text{http://www.elsevier.com/xml/ja/dtd} \text{ xmlns:ja=} \text{http://www.elsevier.com/xml/ja/dtd} \text{ xmlns:mml=} \text{http://www.w3.org/1998/Math/MathML} \text{ xmlns:tb=} \text{http://www.elsevier.com/xml/common/table/dtd} \text{ xmlns:sb=} \text{http://www.elsevier.com/xml/common/struct-bib/dtd} \text{ xmlns:ce=} \text{http://www.elsevier.com/x}$	4.1	72

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91	Drinfeld Twists and Algebraic Bethe Ansatz of the Supersymmetric Model Associated with $U_q(\mathfrak{gl}(m n))$. Communications in Mathematical Physics, 2006, 264, 87-114.	2.2	13
92	Determinant Representations of Correlation Functions for the Supersymmetric t-J Model. Communications in Mathematical Physics, 2006, 268, 505-541.	2.2	20
93	Determinant representation of correlation functions for the $U_q(\mathfrak{gl}(1 \infty))$ free Fermion model. Journal of Mathematical Physics, 2006, 47, 013302.	1.1	9
94	ON THE CONSTRUCTION OF CORRELATION FUNCTIONS FOR THE INTEGRABLE SUPERSYMMETRIC FERMION MODELS. International Journal of Modern Physics B, 2006, 20, 505-549.	2.0	10
95	ACCELERATING UNIVERSE AS WINDOW FOR EXTRA DIMENSIONS. International Journal of Modern Physics A, 2006, 21, 6491-6511.	1.5	14
96	Various topological excitations in the $SO(4)$ gauge field in higher dimensions. Annals of Physics, 2005, 318, 419-431.	2.8	2
97	Drinfeld twists and symmetric Bethe vectors of supersymmetric fermion models. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P04005.	2.3	9
98	Axial Anomaly for Eguchi-Hanson Metrics with Nonzero Total Mass. Communications in Theoretical Physics, 2005, 43, 79-80.	2.5	0
99	Exact solution of the $A(1 n)$ trigonometric vertex model with non-diagonal open boundaries. Journal of High Energy Physics, 2005, 2005, 021-021.	4.7	23
100	MULTIDIMENSIONAL INHOMOGENEOUS COSMOLOGY IN SCALAR TENSOR THEORY. International Journal of Modern Physics D, 2005, 14, 1083-1094.	2.1	0
101	Primary fields and screening currents of non-unitary conformal field theory. Nuclear Physics B, 2005, 704, 510-526.	2.5	8
102	Gaudin model with open boundaries. Nuclear Physics B, 2005, 729, 594-610.	2.5	31
103	A unified and complete construction of all finite dimensional irreducible representations of $\mathfrak{gl}(2 \infty)$. Journal of Mathematical Physics, 2005, 46, 013505.	1.1	18
104	Drinfeld Twists and Algebraic Bethe Ansatz of the Supersymmetric t-J Model. Journal of High Energy Physics, 2004, 2004, 038-038.	4.7	16
105	Non-diagonal solutions of the reflection equation for the trigonometric $A(1 n)$ vertex model. Journal of High Energy Physics, 2004, 2004, 019-019.	4.7	19
106	Braided m-Lie Algebras. Letters in Mathematical Physics, 2004, 70, 155-167.	1.1	3
107	Coherent state construction of representations of $\mathfrak{osp}(2 2)$ and primary fields of $\mathfrak{osp}(2 2)$ conformal field theory. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 327, 442-451.	2.1	5
108	Quantum doubles from a class of noncocommutative weak Hopf algebras. Journal of Mathematical Physics, 2004, 45, 3266-3281.	1.1	5

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109	Exact solution of the XXZ Gaudin model with generic open boundaries. Nuclear Physics B, 2004, 698, 503-516.	2.5	52
110	$gl(2 2)$ current superalgebra and non-unitary conformal field theory. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 318, 354-363.	2.1	16
111	$Onosp(2\hat{A}2)$ conformal field theories. Journal of Physics A, 2003, 36, 7649-7665.	1.6	7
112	EINSTEINâ€™S STRAUS PROBLEM IN HIGHER DIMENSIONS. International Journal of Modern Physics D, 2003, 12, 395-405.	2.1	1
113	FREE FIELD AND PARAFERMIONIC REALIZATIONS OF TWISTED $su(3)^{(2)}_k$ CURRENT ALGEBRA. International Journal of Modern Physics B, 2002, 16, 2153-2159.	2.0	0
114	R-MATRICES AND THE TENSOR PRODUCT GRAPH METHOD. International Journal of Modern Physics B, 2002, 16, 2145-2151.	2.0	3
115	Supersymmetric \hat{A} Gaudin models and KZ equations. Journal of Physics A, 2002, 35, 9381-9393.	1.6	8
116	The q -deformed supersymmetric t -J model with a boundary. Journal of Physics A, 2002, 35, 2593-2608.	1.6	2
117	SEARCH FOR THE SPIN-SPIN INTERACTION BETWEEN ROTATING EXTENDED BODIES. International Journal of Modern Physics D, 2002, 11, 1149-1158.	2.1	4
118	Elliptic Gaudin models and elliptic KZ equations. Nuclear Physics B, 2002, 630, 492-508.	2.5	15
119	$A(2)_2$ parafermions: a new conformal field theory. Nuclear Physics B, 2002, 636, 549-567.	2.5	3
120	Twisted parafermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 530, 197-201.	4.1	5
121	R-MATRICES AND THE TENSOR PRODUCT GRAPH METHOD. , 2002, , .		0
122	FREE FIELD AND PARAFERMIONIC REALIZATIONS OF TWISTED $su(3)^{(2)}_{\{k\}}$ CURRENT ALGEBRA. , 2002, , .		0
123	Lzerginâ€™s Korepin model with a boundary. Nuclear Physics B, 2001, 596, 495-512.	2.5	17
124	On Quasi-Hopf Superalgebras. Communications in Mathematical Physics, 2001, 224, 341-372.	2.2	19
125	Twisted $sl(3,C)(2)_k$ current algebra: free field representation and screening currents. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 523, 367-376.	4.1	6
126	Drinfeld basis of the twisted quantum affine algebra $U_q(A(2)_2)$ from the Gauss decomposition of an L -operator. Journal of Physics A, 2001, 34, L205-L211.	1.6	2

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127	Level-one highest weight representations of and associated vertex operators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 267, 157-166.	2.1	3
128	Casimir invariants from quasi-Hopf (super)algebras. Journal of Mathematical Physics, 2000, 41, 547-568.	1.1	21
129	$Uq[\mathfrak{sl}(2 \hat{1})]$ vertex operators, screen currents, and correlation functions at an arbitrary level. Journal of Mathematical Physics, 2000, 41, 5277-5291.	1.1	4
130	Vertex operators of $Uq[\mathfrak{gl}(N \hat{1})]$ and highest weight representations of $Uq[\mathfrak{gl}(2 \hat{2})]$. Journal of Mathematical Physics, 2000, 41, 2460-2481.	1.1	7
131	Twisting invariance of link polynomials derived from ribbon quasi-Hopf algebras. Journal of Mathematical Physics, 2000, 41, 5020-5032.	1.1	19
132	Level-one highest weight representation of $Uq[\mathfrak{sl}(\hat{N}, 1)]$ and Bosonization of the multicomponent Super $t\bar{t}$ model. Journal of Mathematical Physics, 2000, 41, 5849-5869.	1.1	6
133	Twisted quantum affine superalgebra $Uq[\mathfrak{gl}(m n)(2)]$ and new $Uq[\mathfrak{osp}(m n)]$ invariant R-matrices. Nuclear Physics B, 2000, 566, 529-546.	2.5	10
134	On Quasi-Hopf and Elliptic Superalgebras. Progress of Theoretical Physics Supplement, 1999, 135, 182-193.	0.1	3
135	Level-one representations and vertex operators of quantum affine superalgebra $Uq[\mathfrak{gl}(\hat{N}, N)]$. Journal of Mathematical Physics, 1999, 40, 6110-6124.	1.1	15
136	Quasi-Hopf superalgebras and elliptic quantum supergroups. Journal of Mathematical Physics, 1999, 40, 5264-5282.	1.1	14
137	Drinfeld basis and free boson representation of twisted quantum affine superalgebra $Uq[\mathfrak{osp}(2 2)(2)]$. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 261, 252-258.	2.1	9
138	Quasispin graded-fermion formalism and $\mathfrak{gl}(m n)\hat{+}\mathfrak{osp}(m n)$ branching rules. Journal of Mathematical Physics, 1999, 40, 5371-5386.	1.1	5
139	Highest weight representations of and correlation functions of the q-deformed supersymmetric t-j model. Nuclear Physics B, 1999, 547, 599-622.	2.5	15
140	The twisted quantum affine algebra $Uq(A_2(2))$ and correlation functions of the Izergin-Korepin model. Nuclear Physics B, 1999, 556, 485-504.	2.5	19
141	Boundary two-parameter eight-state supersymmetric fermion model and Bethe ansatz solution. Bulletin of the Australian Mathematical Society, 1999, 59, 375-390.	0.5	1
142	On Super-RS Algebra and Drinfeld Realization of Quantum Affine Superalgebras. Letters in Mathematical Physics, 1998, 44, 291-308.	1.1	9
143	Integrable eight-state supersymmetric U model with boundary terms and its Bethe ansatz solution. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 238, 309-314.	2.1	3
144	New integrable boundary conditions for the q-deformed supersymmetric U model and Bethe ansatz equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 244, 427-431.	2.1	6

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145	An open-boundary integrable model of three coupled XY spin chains. Nuclear Physics B, 1998, 516, 603-622.	2.5	12
146	Integrable open-boundary conditions for the q-deformed supersymmetric U model of strongly correlated electrons. Nuclear Physics B, 1998, 516, 588-602.	2.5	51
147	Nine classes of integrable boundary conditions for the eight-state supersymmetric fermion model. Journal of Physics A, 1998, 31, 7051-7059.	1.6	1
148	A new two-parameter integrable model of strongly correlated fermions with quantum superalgebra symmetry. Journal of Physics A, 1998, 31, 5233-5239.	1.6	6
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