Vladimir V Mangazeev

List of Publications by Year
in descending order

44 papers	771 citations	516710 16 h-index	526287 27 g-index
44 all docs	44 docs citations	44 times ranked	179 citing authors

#	Article	IF	Citations
1	(Z NÃ—) nâ^'1 generalization of the chiral Potts model. Communications in Mathematical Physics, 1991, 138, 393-408.	2.2	87
2	Faddeevâ€“Volkov solution of the Yangâ€“Baxter equation and discrete conformal symmetry. Nuclear Physics B, 2007, 784, 234-258.	2.5	64
3	On the Yangâ€“Baxter equation for the six-vertex model. Nuclear Physics B, 2014, 882, 70-96.	2.5	50
4	STAR-SQUARE AND TETRAHEDRON EQUATIONS IN THE BAXTER-BAZHANOV MODEL. International Journal of Modern Physics A, 1993, 08, 1399-1409.	1.5	39
5	Eight-vertex model and non-stationary LamÃ© equation. Journal of Physics A, 2005, 38, L145-L153.	1.6	37
6	Quantum geometry of three-dimensional lattices. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P07004.	2.3	37
7	The vertex formulation of the Bazhanov-Baxter model. Journal of Statistical Physics, 1996, 82, 31-49.	1.2	36
8	The eight-vertex model and PainlevÃ© VI. Journal of Physics A, 2006, 39, 12235-12243.	1.6	35
9	Exact solution of the Faddeevâ€“Volkov model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1547-1550.	2.1	34
10	Q-operator and factorised separation chain for Jack polynomials. Indagationes Mathematicae, 2003, 14, 451-482.	0.4	33
11	Stochastic R matrix for<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>U</mml:mi></mml:mrow><mml:mrow><mml:mi>q</mml:mi></mml:mrow></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:msubsup><mml:mrow><mml:mi>A</mml:mi></mml:mrow><mml:mrow><mml:mi>n</mml:mi></mml:mrow>	2.5	30
12	SPATIAL SYMMETRY, LOCAL INTEGRABILITY AND TETRAHEDRON EQUATIONS IN THE BAXTER-BAZHANOV MODEL. International Journal of Modern Physics A, 1993, 08, 587-601.	1.5	25
13	Analytic theory of the eight-vertex model. Nuclear Physics B, 2007, 775, 225-282.	2.5	25
14	Q-operators in the six-vertex model. Nuclear Physics B, 2014, 886, 166-184.	2.5	20
15	The eight-vertex model and PainlevÃ© VI equation II: eigenvector results. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 085206.	2.1	19
16	The hidden symmetry of the asymmetric quantum Rabi model. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 12LT01.	2.1	19
17	Yang-Baxter equation for the sl(n) chiral potts model. Nuclear Physics B, 1991, 362, 563-582.	2.5	16
18	Construction ofR-matrices for symmetric tensor representations related to ${U}_{q}(hat{{{sl}}_{n}})$. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 495204.	2.1	16

#	Article	IF	Citations
19	ELLIPTIC SOLUTION FOR MODIFIED TETRAHEDRON EQUATIONS. Modern Physics Letters A, 1993, 08, 3475-3482.	1.2	13
20	NEW SERIES OF 3D LATTICE INTEGRABLE MODELS. International Journal of Modern Physics A, 1994, 09, 5517-5530.	1.5	13
21	Scaling and universality in the two-dimensional Ising model with a magnetic field. Physical Review E, 2010, 81, 060103.	2.1	12
22	An integrable 3D lattice model with positive Boltzmann weights. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 465206.	2.1	12
23	MODIFIED TETRAHEDRON EQUATIONS AND RELATED 3D INTEGRABLE MODELS, I. International Journal of Modern Physics A, 1995, 10, 4041-4063.	1.5	11
24	Variational approach to the scaling function of the 2D Ising model in a magnetic field. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 042005.	2.1	11
25	Form factor expansions in the 2D Ising model and PainlevÃ© VI. Nuclear Physics B, 2010, 838, 391-412.	2.5	10
26	NEW SOLUTION OF VERTEX TYPE TETRAHEDRON EQUATIONS. Modern Physics Letters A, 1995, 10, 279-287.	1.2	9
27	Hidden symmetry in the biased Dicke model. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 325202.	2.1	8
28	The four-state solution of the Yang-Baxter equation. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 150, 375-379.	2.1	6
29	QUANTUM GEOMETRY OF 3-DIMENSIONAL LATTICES AND TETRAHEDRON EQUATION. , 2010, , .		6
30	Boundary matrices for the higher spin six vertex model. Nuclear Physics B, 2019, 945, 114665.	2.5	6
31	Hidden symmetry operators for asymmetric generalized quantum Rabi models. Chinese Physics B, 2022, 31, 014210.	1.4	6
32	Bethe ansatz for the three-layer Zamolodchikov model. Journal of Physics A, 1999, 32, 5285-5298.	1.6	5
33	Î·-VECTORS FOR THREE-DIMENSIONAL MODELS. Modern Physics Letters A, 1996, 11, 491-498.	1.2	4
34	Functional relations and nested Bethe ansatz forsl(3) chiral Potts model at. Journal of Physics A, 1999, 32, 3041-3054.	1.6	4
35	An elliptic parameterisation of the Zamolodchikov model. Nuclear Physics B, 2013, 871, 127-144.	2.5	3
36	Some exact results for the three-layer Zamolodchikov model. Nuclear Physics B, 2001, 592, 597-626.	2.5	2

#	ARTICLE	IF	CITATIONS
37	Continuum Limit of the Triple Tau-Function Model. Theoretical and Mathematical Physics(Russian) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	2
38	Separation of variables for theA3elliptic Calogero-Moser system. Journal of Physics A, 2001, 34, 4183-4195.	1.6	2
39	CYCLIC EIGHT-STATE R-MATRIX RELATED TO Uq(sl(3)) ALGEBRA AT q2 = -1. Modern Physics Letters A, 1991, 06, 3437-3443.	1.2	1
40	Nn(nâ€“1)/2-STATE INTERTWINER RELATED TO Uq(sl(n)) ALGEBRA AT q2N=1. Modern Physics Letters A, 1992, 07, 2827-2835.	1.2	1
41	N3-STATE R-MATRIX RELATED WITH Uq(sl(3)) ALGEBRA AT q2N=1. International Journal of Modern Physics A, 1992, 07, 485-492.	1.5	1
42	The A 3 Calogero-Sutherland system: Constructing a separating kernel. Physics of Atomic Nuclei, 2002, 65, 1057-1062.	0.4	1
43	Some exact results for the three-layer zamolodchikov model. Physics of Atomic Nuclei, 2002, 65, 984-989.	0.4	0
44	An Analytic Formula for the A₂ Jack Polynomials. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2007, , .	0.5	0