

Atsuo Kuniba

List of Publications by Year in descending order

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45
papers

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citations

516710

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g-index

45
all docs

45
docs citations

45
times ranked

203
citing authors

#	ARTICLE	IF	CITATIONS
1	Current correlations, Drude weights and large deviations in a box-ball system. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 244006.	2.1	4
2	Generalized hydrodynamics in complete box-ball system for $U_q(\widehat{\mathfrak{sl}}_n)$. SciPost Physics, 2021, 10, .	4.9	2
3	A remark on renormalization group theoretical perturbation in a class of ordinary differential equations. Progress of Theoretical and Experimental Physics, 2021, 2021, .	6.6	0
4	Large Deviations and One-Sided Scaling Limit of Randomized Multicolor Box-Ball System. Journal of Statistical Physics, 2020, 178, 38-74.	1.2	5
5	Generalized hydrodynamics in box-ball system. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 404001.	2.1	15
6	Matrix product solution to the reflection equation associated with a coideal subalgebra of		

#	ARTICLE	IF	CITATIONS
19	Tetrahedron and 3D reflection equations from quantized algebra of functions. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 465206.	2.1	21
20	Integrable structure of box-ball systems: crystal, Bethe ansatz, ultradiscretization and tropical geometry. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 073001.	2.1	46
21	T -systems and Y -systems in integrable systems. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 103001.	2.1	124
22	Periodicities of T-systems and Y-systems. Nagoya Mathematical Journal, 2010, 197, 59-174.	0.8	36
23	Periodicities of T-systems and Y-systems. Nagoya Mathematical Journal, 2010, 197, 59-174.	0.8	10
24	GENERALIZED ENERGIES AND INTEGRABLE $D^{(1)}_n$ CELLULAR AUTOMATON. , 2010, , .		2
25	Bethe Ansatz, Inverse Scattering Transform and Tropical Riemann Theta Function in a Periodic Soliton Cellular Automaton for $A_n(1)$. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2010, , .	0.5	7
26	COMBINATORIAL BETHE ANSATZ AND GENERALIZED PERIODIC BOX-BALL SYSTEM. Reviews in Mathematical Physics, 2008, 20, 493-527.	1.7	7
27	Combinatorial Bethe Ansatz and Ultradiscrete Riemann Theta Function with Rational Characteristics. Letters in Mathematical Physics, 2007, 80, 199-209.	1.1	7
28	Crystal interpretation of Kerov-Kirillov-Reshetikhin bijection. Nuclear Physics B, 2006, 740, 299-327.	2.5	36
29	Periodic Cellular Automata and Bethe Ansatz. , 2006, , .		2
30	Box-Ball System with Reflecting End. Journal of Nonlinear Mathematical Physics, 2005, 12, 475.	1.3	16
31	The Canonical Solutions of the Q -Systems and the Kirillov-Reshetikhin Conjecture. Communications in Mathematical Physics, 2002, 227, 155-190.	2.2	25
32	The Bethe Equation at $q = 0$, The MÃbius Inversion Formula, and Weight Multiplicities: III. The X. Letters in Mathematical Physics, 2002, 59, 19-31.	1.1	3
33	Factorization of Combinatorial R Matrices and Associated Cellular Automata. Journal of Statistical Physics, 2001, 102, 843-863.	1.2	11
34	Demazure Modules and Perfect Crystals. Communications in Mathematical Physics, 1998, 192, 555-567.	2.2	19
35	Local state probabilities for solvable restricted solid-on-solid models: $A_{n,D}$, $D_n(1)$, and $A_n(1)$. Journal of Statistical Physics, 1988, 52, 829-883.	1.2	46
36	Exactly Solvable IRF Models. V. A Further New Hierarchy. Journal of the Physical Society of Japan, 1986, 55, 2605-2617.	1.6	17

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37	Exactly Solvable IRF Models. IV. Generalized Rogers-Ramanujan Identities and a Solvable Hierarchy. Journal of the Physical Society of Japan, 1986, 55, 2166-2176.	1.6	13
38	Exactly Solvable IRF Models. III. A New Hierarchy of Solvable Models. Journal of the Physical Society of Japan, 1986, 55, 1880-1886.	1.6	21
39	Exactly Solvable IRF Models. I. A Three-State Model. Journal of the Physical Society of Japan, 1986, 55, 1092-1101.	1.6	43
40	Exactly Solvable IRF Models. II. SN-Generalizations. Journal of the Physical Society of Japan, 1986, 55, 1466-1474.	1.6	28
41	Inhomogeneous Eight-Vertex SOS Model and Solvable IRF Hierarchies. Journal of the Physical Society of Japan, 1986, 55, 2907-2910.	1.6	13
42	The Gordon-Generalization Hierarchy of Exactly Solvable IRF Models. Journal of the Physical Society of Japan, 1986, 55, 3338-3353.	1.6	10
43	Virasoro Algebra, von Neumann Algebra and Critical Eight-Vertex SOS Models. Journal of the Physical Society of Japan, 1986, 55, 3285-3288.	1.6	32
44	The Quantum Nonlinear Schrödinger Model; Conserved Quantities. Journal of the Physical Society of Japan, 1986, 55, 76-81.	1.6	9
45	The Quantum Nonlinear Schrödinger Model; Gelfand-Levitan Equation and Classical Soliton. Journal of the Physical Society of Japan, 1985, 54, 1710-1723.	1.6	23