

# Taichiro Takagi

## List of Publications by Year in descending order

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26  
papers

267  
citations

1040056

9  
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940533

16  
g-index

26  
all docs

26  
docs citations

26  
times ranked

80  
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometric lifting of the integrable cellular automata with periodic boundary conditions. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 225202.	2.1	1
2	Generalized Wick Theorems in Conformal Field Theory and the Borchers Identity. Journal of the Physical Society of Japan, 2018, 87, 114007.	1.6	0
3	Combinatorial aspects of the conserved quantities of the tropical periodic Toda lattice. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 395201.	2.1	4
4	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
5	Creation of Ballot Sequences in a Periodic Cellular Automaton. Journal of the Physical Society of Japan, 2009, 78, 024003.	1.6	1
6	Crystal interpretation of Kerov-Kirillov-Reshetikhin bijection. Nuclear Physics B, 2006, 740, 299-327.	2.5	36
7	Analysis of a particle antiparticle description of a soliton cellular automaton. Journal of Mathematical Physics, 2006, 47, 022701.	1.1	0
8	Factorization, reduction and embedding in integrable cellular automata. Journal of Physics A, 2004, 37, 1691-1709.	1.6	7
9	Factorization of Combinatorial R Matrices and Associated Cellular Automata. Journal of Statistical Physics, 2001, 102, 843-863.	1.2	11
10	Simple algorithm for factorized dynamics of the $\mathfrak{sl}_n$ -automaton. Journal of Physics A, 2001, 34, 10697-10705.	1.6	11
11	Paths, Demazure crystals, and symmetric functions. Journal of Mathematical Physics, 2000, 41, 6477-6486.	1.1	11
12	Combinatorial R Matrices for a Family of Crystals: $C_n(1)$ and $A_{2n-1}(2)$ Cases. , 2000, , 105-139.		4
13	Soliton cellular automata associated with crystal bases. Nuclear Physics B, 2000, 577, 619-645.	2.5	36
14	Crystals for Demazure Modules of Classical Affine Lie Algebras. Journal of Algebra, 1998, 208, 185-215.	0.7	29
15	Characters of Demazure modules and solvable lattice models. Nuclear Physics B, 1998, 510, 555-576.	2.5	18
16	Character formulae of $\mathfrak{sl}_n$ -modules and inhomogeneous paths. Nuclear Physics B, 1998, 536, 575-616.	2.5	36
17	Vertex Type Fractions of the Six-Vertex Model at $\hat{t} = -1$ . Journal of the Physical Society of Japan, 1998, 67, 2653-2657.	1.6	0
18	Integral Representation of the Internal Energy of the FModel. Journal of the Physical Society of Japan, 1996, 65, 921-927.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Polynomial Analogues of the Character Formulas in Vertex Models. Journal of the Physical Society of Japan, 1996, 65, 58-63.	1.6	1
20	Integral Representation of the Correlations around a Vertex of the Six-Vertex Model. Journal of the Physical Society of Japan, 1996, 65, 2009-2019.	1.6	2
21	Local state probabilities of the lattice analogues of the $N = 2$ superconformal grassmannian models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 103-108.	4.1	0
22	Local state probabilities of the lattice analogues of the $N = 2$ superconformal grassmannian models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 197-202.	4.1	1
23	Lattice models in statistical mechanics for $N = 2$ superconformal field theory. Nuclear Physics B, 1995, 446, 405-447.	2.5	1
24	A generalized simple random walk in one dimension related to the Gaussian polynomials. Communications in Mathematical Physics, 1994, 162, 261-271.	2.2	0
25	Exactly solvable solid-on-solid model for $N=2$ superconformal field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 97-104.	4.1	3
26	Higher Spin Cyclic Solid-on-Solid Models. Journal of the Physical Society of Japan, 1992, 61, 462-469.	1.6	5