

Junji Suzuki

List of Publications by Year in descending order

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68
papers

1,913
citations

257450

24
h-index

265206

42
g-index

68
all docs

68
docs citations

68
times ranked

437
citing authors

#	ARTICLE	IF	CITATIONS
1	FUNCTIONAL RELATIONS IN SOLVABLE LATTICE MODELS I: FUNCTIONAL RELATIONS AND REPRESENTATION THEORY. International Journal of Modern Physics A, 1994, 09, 5215-5266.	1.5	230
2	T -systems and Y -systems in integrable systems. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 103001.	2.1	124
3	A New Approach to Quantum Spin Chains at Finite Temperature. Journal of the Physical Society of Japan, 1990, 59, 2667-2680.	1.6	87
4	The Hubbard chain at finite temperatures: ab initio calculations of Tomonaga-Luttinger liquid properties. Nuclear Physics B, 1998, 522, 471-502.	2.5	80
5	Analytic Bethe ansatz for fundamental representations of Yangians. Communications in Mathematical Physics, 1995, 173, 225-264.	2.2	75
6	Continued fraction TBA and functional relations in XXZ model at root of unity. Nuclear Physics B, 1998, 525, 597-626.	2.5	65
7	Spinons in magnetic chains of arbitrary spins at finite temperatures. Journal of Physics A, 1999, 32, 2341-2359.	1.6	65
8	Exact thermodynamics and Luttinger liquid properties of the integrable t - J model. Nuclear Physics B, 1997, 487, 650-674.	2.5	58
9	FUNCTIONAL RELATIONS IN SOLVABLE LATTICE MODELS II: APPLICATIONS. International Journal of Modern Physics A, 1994, 09, 5267-5312.	1.5	55
10	From fusion hierarchy to excited state TBA. Nuclear Physics B, 1998, 512, 581-600.	2.5	53
11	Factorization of the finite temperature correlation functions of the XXZ chain in a magnetic field. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 10699-10727.	2.1	49
12	CHARACTERS IN CONFORMAL FIELD THEORIES FROM THERMODYNAMIC BETHE ANSATZ. Modern Physics Letters A, 1993, 08, 1649-1659.	1.2	48
13	Pseudo-differential equations, and the Bethe ansatz for the classical Lie algebras. Nuclear Physics B, 2007, 772, 249-289.	2.5	48
14	EXACTLY SOLVABLE MODELS AND FINITE SIZE CORRECTIONS. International Journal of Modern Physics B, 1992, 06, 1119-1180.	2.0	46
15	Exact Results for Hamiltonian Walks from the Solution of the Fully Packed Loop Model on the Honeycomb Lattice. Physical Review Letters, 1994, 73, 2646-2649.	7.8	45
16	Quantum Jacobi-Trudi and Giambelli formulae for $U_q(\text{Br}(1))$ from the analytic Bethe ansatz. Journal of Physics A, 1995, 28, 6211-6226.	1.6	45
17	Short-distance thermal correlations in the XXZ chain. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P08010.	2.3	36
18	Periodicities of T -systems and Y -systems. Nagoya Mathematical Journal, 2010, 197, 59-174.	0.8	36

#	ARTICLE	IF	CITATIONS
19	Thermal form-factor approach to dynamical correlation functions of integrable lattice models. Journal of Statistical Mechanics: Theory and Experiment, 2017, 2017, 113106.	2.3	33
20	Functional relations and analytic Bethe ansatz for twisted quantum affine algebras. Journal of Physics A, 1995, 28, 711-722.	1.6	31
21	Functional relations in Stokes multipliers and solvable models related to $U_q(A(1)_n)$. Journal of Physics A, 2000, 33, 3507-3521.	1.6	30
22	Factorization of multiple integrals representing the density matrix of a finite segment of the Heisenberg spin chain. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P04001-P04001.	2.3	29
23	Ferro- and antiferro-magnetizations in RSOS models. Nuclear Physics B, 1991, 356, 750-774.	2.5	27
24	Imitation games. Physica D: Nonlinear Phenomena, 1994, 75, 328-342.	2.8	27
25	Anharmonic oscillators, spectral determinant and short exact sequence of. Journal of Physics A, 1999, 32, L183-L188.	1.6	24
26	Exact finite size spectrum in super sine-Gordon model. Nuclear Physics B, 2007, 763, 330-353.	2.5	24
27	Finite Size Correction and Conformal Anomaly for $O(n)$ Spin System. Journal of the Physical Society of Japan, 1988, 57, 2966-2975.	1.6	23
28	Functional Relations in Stokes Multipliers of $U_q(\mathfrak{sl}_2)$ with $x_6 + \hat{1} \pm x_2$ Potential. Journal of Statistical Physics, 2001, 102, 1029-1047.	1.2	23
29	Exact solution and surface critical behaviour of an $O(n)$ model on the honeycomb lattice. Journal of Physics A, 1993, 26, L729-L735.	1.6	22
30	Thermodynamics of correlated electrons with bond charge and Hubbard interaction in one dimension. Journal of Physics A, 1997, 30, 1881-1886.	1.6	21
31	Commuting quantum transfer-matrix approach to intrinsic fermion system: Correlation length of a spinless fermion model. Physical Review B, 1999, 60, 5186-5201.	3.2	20
32	On form-factor expansions for the XXZ chain in the massive regime. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P05037.	2.3	20
33	Fusion $U_q(G(1)_2)$ vertex models and analytic Bethe ansätze. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 195, 190-197.	2.1	17
34	Thermal form factor approach to the ground-state correlation functions of the XXZ chain in the antiferromagnetic massive regime. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 394001.	2.1	17
35	Exact Real-Time Longitudinal Correlation Functions of the Massive XZ Chain. Physical Review Letters, 2021, 126, 210602.	7.8	17
36	Finite lattice Bethe ansatz systems and the Heun equation. Journal of Physics A, 2004, 37, 2047-2061.	1.6	16

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37	Finite size effects in the spin-1 XXZ and supersymmetric sine-Gordon models with Dirichlet boundary conditions. Nuclear Physics B, 2007, 767, 250-294.	2.5	16
38	Quantum Jacobi-Trudi formula and E8 structure in the Ising model in a field. Nuclear Physics B, 1998, 528, 683-700.	2.5	15
39	Equilibrium dynamics of the XX chain. Physical Review B, 2019, 100, .	3.2	15
40	High-temperature analysis of the transverse dynamical two-point correlation function of the XX quantum-spin chain. Journal of Mathematical Physics, 2020, 61, .	1.1	14
41	Difference Operators related to q -characters. Journal of Physics A, 2002, 35, 1415-1435.	1.6	13
42	Excited state nonlinear integral equations for an integrable anisotropic spin-1 chain. Journal of Physics A, 2004, 37, 11957-11969.	1.6	13
43	Correlation functions of the integrable isotropic spin-1 chain at finite temperature. Journal of Statistical Mechanics: Theory and Experiment, 2010, 2010, P11011.	2.3	13
44	Low-temperature spectrum of correlation lengths of the XXZ chain in the antiferromagnetic massive regime. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 334001.	2.1	13
45	Long-time large-distance asymptotics of the transverse correlation functions of the XX chain in the spacelike regime. Letters in Mathematical Physics, 2020, 110, 1783-1797.	1.1	11
46	A thermal form factor series for the longitudinal two-point function of the Heisenberg $\hat{\text{Ising}}$ chain in the antiferromagnetic massive regime. Journal of Mathematical Physics, 2021, 62, .	1.1	11
47	Evaluation of the Connectivity of Hamiltonian Paths on Regular Lattices. Journal of the Physical Society of Japan, 1988, 57, 687-690.	1.6	10
48	Periodicities of T-systems and Y-systems. Nagoya Mathematical Journal, 2010, 197, 59-174.	0.8	10
49	Characters for from a novel thermodynamic Bethe ansatz. Journal of Physics A, 1998, 31, 6887-6896.	1.6	9
50	Correlation functions of the integrable isotropic spin-1 chain: algebraic expressions for arbitrary temperature. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P08009.	2.3	9
51	Statistical Mechanics of Polymer Melting Transition. Journal of the Physical Society of Japan, 1988, 57, 818-827.	1.6	8
52	Exactly solvable $G_2(1)$ solid-on-solid models. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 160, 216-222.	2.1	8
53	On a one-dimensional system associated with a $gl(m \bmod n)$ vertex model. Journal of Physics A, 1992, 25, 1769-1779.	1.6	7
54	Thermodynamics of the Spin-1/2 Heisenberg $\hat{\text{Ising}}$ Chain at High Temperatures: a Rigorous Approach. Communications in Mathematical Physics, 2020, 377, 623-673.	2.2	7

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55	Thermodynamic Quantities in the N-State Vertex (Sogo-Akutsu-Abe) Model. Journal of the Physical Society of Japan, 1989, 58, 3111-3122.	1.6	7
56	Asymptotics of correlation functions of the Heisenberg-Ising chain in the easy-axis regime. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 07LT01.	2.1	5
57	MHV amplitudes at strong coupling and linearized TBA equations. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
58	QUANTUM SPIN CHAINS AT FINITE TEMPERATURES. , 2010, , .		5
59	Spin conductivity of the XXZ chain in the antiferromagnetic massive regime. SciPost Physics, 2022, 12, .	4.9	5
60	Quantum Wronskian approach to six-point gluon scattering amplitudes at strong coupling. Journal of High Energy Physics, 2014, 2014, 1.	4.7	4
61	Universal quantization of curvature jump at the roughening transition. Physical Review Letters, 1990, 64, 2917-2920.	7.8	3
62	Correlated one-dimensional electron systems: Luttinger liquid properties and deviations at finite temperature. Physica B: Condensed Matter, 1999, 259-261, 1019-1020.	2.7	3
63	The dilute models and the integrable perturbations of unitary minimal CFTs. Journal of Physics A, 2004, 37, 511-520.	1.6	2
64	The dilute models and the $\hat{U}(1,2)$ perturbation of unitary minimal CFTs. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P01004.	2.3	2
65	Renormalization Group Study of Membrane Stability. Journal of the Physical Society of Japan, 1987, 56, 3401-3404.	1.6	1
66	The QCD spin chain S matrix. Nuclear Physics B, 2008, 798, 402-422.	2.5	1
67	ABCD and ODEs. , 2009, , 685-695.		1
68	T-Systems and Y-Systems for Quantum Affinizations of Quantum Kac-Moody Algebras. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2009, , .	0.5	1