Junji Suzuki

List of Publications by Year
in descending order

68	1,913	257450 24	265206 42
papers	citations	h-index	g-index

68	68	68	437
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spin conductivity of the XXZ chain in the antiferromagnetic massive regime. SciPost Physics, 2022, 12, .	4.9	5
2	A thermal form factor series for the longitudinal two-point function of the Heisenbergâ€“Ising chain in the antiferromagnetic massive regime. Journal of Mathematical Physics, 2021, 62, .	1.1	11
3	Exact Real-Time Longitudinal Correlation Functions of the Massive <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>X</mml:mi><mml:mi>X</mml:mi><mml:mi>Z</mml:mi></mml:math> Chain. Physical Review Letters, 2021, 126, 210602.	7.8	17
4	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
5	Thermodynamics of the Spin-1/2 Heisenbergâ€“Ising Chain at High Temperatures: a Rigorous Approach. Communications in Mathematical Physics, 2020, 377, 623-673.	2.2	7
6	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
7	Equilibrium dynamics of the XX chain. Physical Review B, 2019, 100, .	3.2	15
8	MHV amplitudes at strong coupling and linearized TBA equations. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
9	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
10	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
11	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
12	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
13	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
14	Quantum Wronskian approach to six-point gluon scattering amplitudes at strong coupling. Journal of High Energy Physics, 2014, 2014, 1.	4.7	4
15	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
16	T-systems andY-systems in integrable systems. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 103001.	2.1	124
17	Periodicities of T-systems and Y-systems. Nagoya Mathematical Journal, 2010, 197, 59-174.	0.8	36
18	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

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19	Periodicities of T-systems and Y-systems. Nagoya Mathematical Journal, 2010, 197, 59-174.	0.8	10
20	QUANTUM SPIN CHAINS AT FINITE TEMPERATURES. , 2010, , .		5
21	ABCD and ODEs. , 2009, , 685-695.		1
22	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
23	The QCD spin chain S matrix. Nuclear Physics B, 2008, 798, 402-422.	2.5	1
24	Short-distance thermal correlations in the XXZ chain. Journal of Statistical Mechanics: Theory and Experiment, 2008, 2008, P08010.	2.3	36
25	Factorization of the finite temperature correlation functions of theXXZchain in a magnetic field. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 10699-10727.	2.1	49
26	Exact finite size spectrum in super sine-Gordon model. Nuclear Physics B, 2007, 763, 330-353.	2.5	24
27	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
28	Pseudo-differential equations, and the Bethe ansatz for the classical Lie algebras. Nuclear Physics B, 2007, 772, 249-289.	2.5	48
29	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
30	The diluteALmodels and the Î¦1,2perturbation of unitary minimal CFTs. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P01004.	2.3	2
31	The diluteALmodels and the integrable perturbations of unitary minimal CFTs. Journal of Physics A, 2004, 37, 511-520.	1.6	2
32	Finite lattice Bethe ansatz systems and the Heun equation. Journal of Physics A, 2004, 37, 2047-2061.	1.6	16
33	Excited state nonlinear integral equations for an integrable anisotropic spin-1 chain. Journal of Physics A, 2004, 37, 11957-11969.	1.6	13
34	DifferenceLoperators related toq-characters. Journal of Physics A, 2002, 35, 1415-1435.	1.6	13
35	Functional Relations in Stokes Multipliersâ€"Fun with x6+Î±x2 Potential. Journal of Statistical Physics, 2001, 102, 1029-1047.	1.2	23
36	Functional relations in Stokes multipliers and solvable models related toUq(A(1)n). Journal of Physics A, 2000, 33, 3507-3521.	1.6	30

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37	Anharmonic oscillators, spectral determinant and short exact sequence of. Journal of Physics A, 1999, 32, L183-L188.	1.6	24
38	Spinons in magnetic chains of arbitrary spins at finite temperatures. Journal of Physics A, 1999, 32, 2341-2359.	1.6	65
39	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
40	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
41	From fusion hierarchy to excited state TBA. Nuclear Physics B, 1998, 512, 581-600.	2.5	53
42	The Hubbard chain at finite temperatures: ab initio calculations of Tomonaga-Luttinger liquid properties. Nuclear Physics B, 1998, 522, 471-502.	2.5	80
43	Continued fraction TBA and functional relations in XXZ model at root of unity. Nuclear Physics B, 1998, 525, 597-626.	2.5	65
44	Quantum Jacobi-Trudi formula and E8 structure in the Ising model in a field. Nuclear Physics B, 1998, 528, 683-700.	2.5	15
45	Characters for from a novel thermodynamic Bethe ansatz. Journal of Physics A, 1998, 31, 6887-6896.	1.6	9
46	Thermodynamics of correlated electrons with bond charge and Hubbard interaction in one dimension. Journal of Physics A, 1997, 30, 1881-1886.	1.6	21
47	Exact thermodynamics and Luttinger liquid properties of the integrable t-J model. Nuclear Physics B, 1997, 487, 650-674.	2.5	58
48	Analytic Bethe ansatz for fundamental representations of Yangians. Communications in Mathematical Physics, 1995, 173, 225-264.	2.2	75
49	Functional relations and analytic Bethe ansatz for twisted quantum affine algebras. Journal of Physics A, 1995, 28, 711-722.	1.6	31
50	Quantum Jacobi-Trudi and Giambelli formulae for Uq(Br(1)) from the analytic Bethe ansatz. Journal of Physics A, 1995, 28, 6211-6226.	1.6	45
51	FUNCTIONAL RELATIONS IN SOLVABLE LATTICE MODELS II: APPLICATIONS. International Journal of Modern Physics A, 1994, 09, 5267-5312.	1.5	55
52	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
53	Imitation games. Physica D: Nonlinear Phenomena, 1994, 75, 328-342.	2.8	27
54	Fusion Uq(G(1)2) vertex models and analytic Bethe ansÃtze. Physics Letters, Section A: General, Atomic and Solid State Physics, 1994, 195, 190-197.	2.1	17

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55	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
56	CHARACTERS IN CONFORMAL FIELD THEORIES FROM THERMODYNAMIC BETHE ANSATZ. Modern Physics Letters A, 1993, 08, 1649-1659.	1.2	48
57	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
58	On a one-dimensional system associated with a gl(m mod n) vertex model. Journal of Physics A, 1992, 25, 1769-1779.	1.6	7
59	EXACTLY SOLVABLE MODELS AND FINITE SIZE CORRECTIONS. International Journal of Modern Physics B, 1992, 06, 1119-1180.	2.0	46
60	Ferro- and antiferro-magnetizations in RSOS models. Nuclear Physics B, 1991, 356, 750-774.	2.5	27
61	Exactly solvable G2(1) solid-on-solid models. Physics Letters, Section A: General, Atomic and Solid State Physics, 1991, 160, 216-222.	2.1	8
62	Universal quantization of curvature jump at the roughening transition. Physical Review Letters, 1990, 64, 2917-2920.	7.8	3
63	A New Approach to Quantum Spin Chains at Finite Temperature. Journal of the Physical Society of Japan, 1990, 59, 2667-2680.	1.6	87
64	Thermodynamic Quantities in theN-State Vertex (Sogo-Akutsu-Abe) Model. Journal of the Physical Society of Japan, 1989, 58, 3111-3122.	1.6	7
65	Statistical Mechanics of Polymer Melting Transition. Journal of the Physical Society of Japan, 1988, 57, 818-827.	1.6	8
66	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
67	Evaluation of the Connectivity of Hamiltonian Paths on Regular Lattices. Journal of the Physical Society of Japan, 1988, 57, 687-690.	1.6	10
68	Renormalization Group Study of Membrane Stability. Journal of the Physical Society of Japan, 1987, 56, 3401-3404.	1.6	1