BalÃ¡zs Pozsgay

List of Publications by Year
in descending order

29 papers	1,042 citations	361413 20 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	373 citing authors

#	Article	IF	Citations
1	What is an integrable quench?. Nuclear Physics B, 2017, 925, 362-402.	2.5	108
2	The generalized Gibbs ensemble for Heisenberg spin chains. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P07003.	2.3	91
3	The dynamical free energy and the Loschmidt echo for a class of quantum quenches in the Heisenberg spin chain. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P10028.	2.3	64
4	Current Operators in Bethe Ansatz and Generalized Hydrodynamics: An Exact Quantum-Classical Correspondence. Physical Review X, 2020, 10, .	8.9	58
5	Overlaps between eigenstates of the XXZ spin-1/2 chain and a class of simple product states. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P06011.	2.3	51
6	Non-analytic behavior of the Loschmidt echo in XXZ spin chains: Exact results. Nuclear Physics B, 2018, 933, 454-481.	2.5	51
7	Mean values of local operators in highly excited Bethe states. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P01011.	2.3	47
8	Local correlations in the 1D Bose gas from a scaling limit of the XXZ chain. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P11017.	2.3	44
9	Current operators in integrable spin chains: lessons from long range deformations. SciPost Physics, 2020, 8, .	4.9	43
10	Quantum quenches and generalized Gibbs ensemble in a Bethe Ansatz solvable lattice model of interacting bosons. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P10045.	2.3	42
11	Algebraic Construction of Current Operators in Integrable Spin Chains. Physical Review Letters, 2020, 125, 070602.	7.8	41
12	Constructing Integrable Lindblad Superoperators. Physical Review Letters, 2021, 126, 240403.	7.8	41
13	$$ Toverline{T} $$-deformation and long range spin chains. Journal of High Energy Physics, 2020, 2020, 1.	4.7	38
14	Integrable Matrix Product States from boundary integrability. SciPost Physics, 2019, 6, .	4.9	37
15	Short distance correlators in the XXZ spin chain for arbitrary string distributions. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P09020.	2.3	36
16	Integrable spin chain with Hilbert space fragmentation and solvable real-time dynamics. Physical Review E, 2021, 104, 044106.	2.1	34
17	Integrable quenches in nested spin chains I: the exact steady states. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 063103.	2.3	29
18	On form factors in nested Bethe Ansatz systems. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 465007.	2.1	28

#	Article	IF	Citations
19	Integrable spin chains and cellular automata with medium-range interaction. Physical Review E, 2021, 104, 054123.	2.1	28
20	Spin chain overlaps and the twisted Yangian. Journal of High Energy Physics, 2020, 2020, 1.	4.7	27
21	Integrable quenches in nested spin chains II: fusion of boundary transfer matrices. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 063104.	2.3	20
22	A Yangâ€“Baxter integrable cellular automaton with a four site update rule. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 384001.	2.1	20
23	On exact overlaps in integrable spin chains. Journal of High Energy Physics, 2020, 2020, 1.	4.7	16
24	Construction and the ergodicity properties of dual unitary quantum circuits. Physical Review B, 2022, 106, .	3.2	14
25	On factorized overlaps: Algebraic Bethe Ansatz, twists, and separation of variables. Nuclear Physics B, 2021, 967, 115390.	2.5	12
26	Superintegrable cellular automata and dual unitary gates from Yang-Baxter maps. SciPost Physics, 2022, 12, .	4.9	9
27	Generalized Gibbs Ensemble and string-charge relations in nested Bethe Ansatz. SciPost Physics, 2020, 8, .	4.9	5
28	Integrable hard-rod deformation of the Heisenberg spin chains. Physical Review E, 2021, 104, 064124.	2.1	5
29	The propagator of the finite XXZ spin-$frac{1}{2}$ chain. SciPost Physics, 2019, 6, .	4.9	3