

Balázs Pozsgay

List of Publications by Year in descending order

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papers

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361413

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docs citations

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times ranked

373
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Superintegrable cellular automata and dual unitary gates from Yang-Baxter maps. SciPost Physics, 2022, 12, . | 4.9 | 9 |
| 2 | Construction and the ergodicity properties of dual unitary quantum circuits. Physical Review B, 2022, 106, . | 3.2 | 14 |
| 3 | Constructing Integrable Lindblad Superoperators. Physical Review Letters, 2021, 126, 240403. | 7.8 | 41 |
| 4 | On factorized overlaps: Algebraic Bethe Ansatz, twists, and separation of variables. Nuclear Physics B, 2021, 967, 115390. | 2.5 | 12 |
| 5 | A Yang-Baxter integrable cellular automaton with a four site update rule. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 384001. | 2.1 | 20 |
| 6 | Integrable spin chain with Hilbert space fragmentation and solvable real-time dynamics. Physical Review E, 2021, 104, 044106. | 2.1 | 34 |
| 7 | Integrable spin chains and cellular automata with medium-range interaction. Physical Review E, 2021, 104, 054123. | 2.1 | 28 |
| 8 | Integrable hard-rod deformation of the Heisenberg spin chains. Physical Review E, 2021, 104, 064124. | 2.1 | 5 |
| 9 | Algebraic Construction of Current Operators in Integrable Spin Chains. Physical Review Letters, 2020, 125, 070602. | 7.8 | 41 |
| 10 | Current Operators in Bethe Ansatz and Generalized Hydrodynamics: An Exact Quantum-Classical Correspondence. Physical Review X, 2020, 10, . | 8.9 | 58 |
| 11 | T -deformation and long range spin chains. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 38 |
| 12 | Spin chain overlaps and the twisted Yangian. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 27 |
| 13 | On exact overlaps in integrable spin chains. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 16 |
| 14 | Current operators in integrable spin chains: lessons from long range deformations. SciPost Physics, 2020, 8, . | 4.9 | 43 |
| 15 | Generalized Gibbs Ensemble and string-charge relations in nested Bethe Ansatz. SciPost Physics, 2020, 8, . | 4.9 | 5 |
| 16 | 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 |
| 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 | Integrable Matrix Product States from boundary integrability. SciPost Physics, 2019, 6, . | 4.9 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The propagator of the finite XXZ spin- $\frac{1}{2}$ chain. SciPost Physics, 2019, 6, . | 4.9 | 3 |
| 20 | Non-analytic behavior of the Loschmidt echo in XXZ spin chains: Exact results. Nuclear Physics B, 2018, 933, 454-481. | 2.5 | 51 |
| 21 | What is an integrable quench?. Nuclear Physics B, 2017, 925, 362-402. | 2.5 | 108 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | The generalized Gibbs ensemble for Heisenberg spin chains. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P07003. | 2.3 | 91 |
| 26 | 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 |
| 27 | On form factors in nested Bethe Ansatz systems. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 465007. | 2.1 | 28 |
| 28 | Mean values of local operators in highly excited Bethe states. Journal of Statistical Mechanics: Theory and Experiment, 2011, 2011, P01011. | 2.3 | 47 |
| 29 | 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 |