

Wang Yupeng

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3528757/wang-yupeng-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

62
papers

1,160
citations

19
h-index

33
g-index

68
ext. papers

1,277
ext. citations

3.4
avg, IF

4.35
L-index

#	Paper	IF	Citations
62	Exact solution of the quantum integrable model associated with the twisted $\mathfrak{D}_3^{(2)}$ algebra. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
61	Spectrum of the quantum integrable $\mathfrak{D}_2^{(2)}$ spin chain with generic boundary fields. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
60	Root patterns and energy spectra of quantum integrable systems without U(1) symmetry: the antiperiodic XXZ spin chain. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
59	Exact surface energy and helical spinons in the XXZ spin chain with arbitrary nondiagonal boundary fields. <i>Physical Review B</i> , 2021 , 103,	3.3	4
58	T \bar{W} relation and free energy of the Heisenberg chain at a finite temperature. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	1
57	Graded off-diagonal Bethe ansatz solution of the SU(2 2) spin chain model with generic integrable boundaries. <i>Nuclear Physics B</i> , 2020 , 960, 115206	2.8	
56	Exact ground state and elementary excitations of a topological spin chain. <i>Physical Review B</i> , 2020 , 102,	3.3	8
55	Exact solution of the sp(4) integrable spin chain with generic boundaries. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
54	Off-diagonal Bethe Ansatz on the so(5) spin chain. <i>Nuclear Physics B</i> , 2019 , 946, 114719	2.8	7
53	Off-diagonal Bethe Ansatz for the $(\mathfrak{D}_3^{(1)})$ model. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	2
52	Thermodynamic limit and twisted boundary energy of the XXZ spin chain with antiperiodic boundary condition. <i>Nuclear Physics B</i> , 2018 , 936, 501-519	2.8	4
51	Twisted boundary energy and low energy excitation of the XXZ spin torus at the ferromagnetic region. <i>New Journal of Physics</i> , 2018 , 20, 073046	2.9	6
50	A representation basis for the quantum integrable spin chain associated with the su(3) algebra. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	3
49	Exact solution of the alternating XXZ spin chain with generic non-diagonal boundaries. <i>Annals of Physics</i> , 2015 , 361, 91-106	2.5	4
48	Exact spectrum of the spin-s Heisenberg chain with generic non-diagonal boundaries. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	11
47	Off-Diagonal Bethe Ansatz for Exactly Solvable Models 2015 ,		77
46	The Spin- $(\frac{1}{2})$ Chains with Arbitrary Boundary Fields 2015 , 121-196		

45	On the complete-spectrum characterization of quantum integrable spin chains via inhomogeneous TQ relation. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015 , 48, 444001	2	4
44	Off-diagonal Bethe Ansatz solution of the \mathbb{Z} -model. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	2
43	Bethe ansatz for an AdS/CFT open spin chain with non-diagonal boundaries. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5-4	10
42	Bethe states of the XXZ spin-1/2 chain with arbitrary boundary fields. <i>Nuclear Physics B</i> , 2015 , 893, 70-88	2-8	28
41	The Spin- $\frac{1}{2}$ Torus 2015 , 93-119		
40	Doublon-holon binding, Mott transition, and fractionalized antiferromagnet in the Hubbard model. <i>Physical Review B</i> , 2014 , 89,	3-3	16
39	Spin-. <i>Nuclear Physics B</i> , 2014 , 886, 185-201	2-8	33
38	Nested off-diagonal Bethe ansatz and exact solutions of the $su(n)$ spin chain with generic integrable boundaries. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	25
37	Exact solution of the Izergin-Korepin model with general non-diagonal boundary terms. <i>Journal of High Energy Physics</i> , 2014 , 2014, 1	5-4	20
36	Thermodynamic limit and surface energy of the XXZ spin chain with arbitrary boundary fields. <i>Nuclear Physics B</i> , 2014 , 884, 17-27	2-8	29
35	Exact solution of the one-dimensional Hubbard model with arbitrary boundary magnetic fields. <i>Nuclear Physics B</i> , 2014 , 879, 98-109	2-8	26
34	Quantum dynamics in driven sawtooth lattice under uniform magnetic field. <i>Physical Review A</i> , 2013 , 87,	2-6	4
33	Off-diagonal Bethe ansatz solution of the XXX spin chain with arbitrary boundary conditions. <i>Nuclear Physics B</i> , 2013 , 875, 152-165	2-8	68
32	Off-diagonal Bethe ansatz solutions of the anisotropic spin-1/2 chains with arbitrary boundary fields. <i>Nuclear Physics B</i> , 2013 , 877, 152-175	2-8	63
31	Chiral f-wave topological superfluid in triangular optical lattices. <i>Physical Review A</i> , 2013 , 87,	2-6	6
30	Off-diagonal Bethe ansatz and exact solution of a topological spin ring. <i>Physical Review Letters</i> , 2013 , 111, 137201	7-4	94
29	Unified minimum effective model of magnetic properties of iron-based superconductors. <i>Physical Review B</i> , 2012 , 85,	3-3	51
28	Topological phases and fractional excitations of the exciton condensate in a special class of bilayer systems. <i>Physical Review B</i> , 2011 , 84,	3-3	11

27	Stable Fulde-Ferrell-Larkin-Ovchinnikov pairing states in two-dimensional and three-dimensional optical lattices. <i>Physical Review A</i> , 2011 , 83,	2.6	40
26	Quantum magnetism in ultracold alkali and alkaline-earth fermion systems with symplectic symmetry. <i>Physical Review B</i> , 2011 , 84,	3.3	27
25	Quantum spinon oscillations in a finite one-dimensional transverse Ising model. <i>Physical Review B</i> , 2011 , 83,	3.3	6
24	Analytical thermodynamics of a strongly attractive three-component Fermi gas in one dimension. <i>Physical Review A</i> , 2010 , 82,	2.6	13
23	Chiral topological excitonic insulator in semiconductor quantum wells. <i>Physical Review B</i> , 2010 , 82,	3.3	9
22	Interaction-induced anomalous transport behavior in one-dimensional optical lattices. <i>Physical Review A</i> , 2010 , 81,	2.6	13
21	Thirty years of solid state physics research at the Institute of Physics, Chinese Academy of Sciences. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2010 , 207, 2610-2620	1.6	
20	Topological edge states and quantum Hall effect in the Haldane model. <i>Physical Review B</i> , 2008 , 78,	3.3	26
19	Quantum-fluctuation-driven coherent spin dynamics in small condensates. <i>Physical Review A</i> , 2008 , 78,	2.6	19
18	Properties of a class of topological phase transitions. <i>Physical Review B</i> , 2008 , 78,	3.3	11
17	Partial entropy in finite-temperature phase transitions. <i>Physical Review B</i> , 2007 , 75,	3.3	10
16	Two-dimensional spin-1 frustrated Heisenberg model with valence-bond ground states. <i>Physical Review B</i> , 2007 , 76,	3.3	6
15	QUANTUM PHASE TRANSITION AND ENTANGLEMENT IN THE TRANSVERSE-FIELD ISING MODEL. <i>International Journal of Quantum Information</i> , 2006 , 04, 705-713	0.8	2
14	Exact ground state and elementary excitations of the spin tetrahedron chain. <i>Physical Review B</i> , 2006 , 74,	3.3	10
13	Spin transport properties in Heisenberg antiferromagnetic spin chains: Spin current induced by twisted boundary magnetic fields. <i>Physical Review B</i> , 2006 , 73,	3.3	6
12	ENTANGLEMENT IN THE XY SPIN CHAIN WITH NONUNIFORM EXTERNAL MAGNETIC FIELDS. <i>International Journal of Quantum Information</i> , 2005 , 03, 569-577	0.8	1
11	Exact ground states for spin-1 systems with spin-orbital coupling. <i>Physical Review B</i> , 2005 , 72,	3.3	1
10	Exact spontaneous plaquette ground states for high-spin ladder models. <i>Physical Review B</i> , 2005 , 72,	3.3	41

9	Kondo transport through serially coupled triple quantum dots. <i>Physical Review B</i> , 2005 , 72,	3.3	49
8	Exact solution of XXZ spin chain with unparallel boundary fields. <i>Nuclear Physics B</i> , 2003 , 663, 487-519	2.8	169
7	Superconductivity in a two-dimensional hole-doped spin-orbital system. <i>Physical Review B</i> , 2003 , 68,	3.3	1
6	Phase diagram and magnetization plateaus in the SU(4) spin ladder with rung anisotropy. <i>Physical Review B</i> , 2002 , 66,	3.3	3
5	Boundary defects in integrable quantum spin ladders. <i>Physical Review B</i> , 2002 , 65,	3.3	2
4	Exact solution of a two-component Calogero-Sutherland model with molecular field. <i>Physical Review B</i> , 2002 , 66,	3.3	1
3	Antiresonance scattering at defect levels in the quantum conductance of a one-dimensional system. <i>Physical Review B</i> , 2002 , 65,	3.3	67
2	Exact solution of Heisenberg-liquid models with long-range coupling. <i>Physical Review B</i> , 2001 , 63,	3.3	1
1	MODULATION STRUCTURE OF A FRUSTRATED SPIN LADDER. <i>International Journal of Modern Physics B</i> , 1999 , 13, 3323-3329	1.1	6