

Anastasia Doikou

List of Publications by Year in descending order

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papers

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394421

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90
all docs

90
docs citations

90
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Bulk and boundary S-matrices for the SU(N) chain. Nuclear Physics B, 1998, 521, 547-572.	2.5	47
2	General boundary conditions for the and open spin chains. Journal of Statistical Mechanics: Theory and Experiment, 2004, 2004, P08005.	2.3	45
3	Duality and quantum-algebra symmetry of the $AN\hat{=}1(1)$ open spin chain with diagonal boundary fields. Nuclear Physics B, 1998, 530, 641-664.	2.5	39
4	Quantum spin chain with 'soliton non-preserving' boundary conditions. Journal of Physics A, 2000, 33, 8797-8807.	1.6	38
5	Analytical Bethe ansatz for closed and open $gl(N)$ -spin chains in any representation. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P02007.	2.3	34
6	From affine Hecke algebras to boundary symmetries. Nuclear Physics B, 2005, 725, 493-530.	2.5	32
7	Classification of reflection matrices related to \hat{A} (super-)Yangians and application to open spin chain models. Nuclear Physics B, 2003, 668, 469-505.	2.5	30
8	Hecke algebraic approach to the reflection equation for spin chains. Journal of Physics A, 2003, 36, 2203-2225.	1.6	30
9	Fused integrable lattice models with quantum impurities and open boundaries. Nuclear Physics B, 2003, 668, 447-468.	2.5	29
10	Spectrum and Bethe Ansatz Equations for the $U_q(\mathfrak{gl}(N))$ Closed and Open Spin Chains in any Representation. Annales Henri Poincare, 2006, 7, 1217-1268.	1.7	29
11	Bethe ansatz equations and exact S matrices for the $osp(M 2n)$ open super-spin chain. Nuclear Physics B, 2004, 687, 257-278.	2.5	26
12	Liouville integrable defects: the non-linear Schrödinger paradigm. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
13	Lagrangian and Hamiltonian structures in an integrable hierarchy and space-time duality. Nuclear Physics B, 2016, 902, 415-439.	2.5	25
14	The sine-Gordon model with integrable defects revisited. Journal of High Energy Physics, 2012, 2012, 1.	4.7	24
15	The generalized non-linear Schrödinger model on the interval. Nuclear Physics B, 2008, 790, 465-492.	2.5	22
16	The open XXZ and associated models at root of unity. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P09010-P09010.	2.3	20
17	Boundary non-local charges from the open spin chain. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P12005-P12005.	2.3	19
18	On reflection algebras and twisted Yangians. Journal of Mathematical Physics, 2005, 46, 053504.	1.1	19

#	ARTICLE	IF	CITATIONS
19	On quantum group symmetry and Bethe ansatz for the asymmetric twin spin chain with integrable boundary. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2006, 2006, P06004-P06004.	2.3	19
20	Simplified calculation of boundary S matrices. <i>Journal of Physics A</i> , 1997, 30, L507-L512.	1.6	16
21	Fusion and analytical Bethe ansatz for the $A_{n-1}(1)$ open spin chain. <i>Journal of Physics A</i> , 2000, 33, 4755-4765.	1.6	16
22	Integrable boundary conditions and modified Lax equations. <i>Nuclear Physics B</i> , 2008, 800, 591-612.	2.5	15
23	INTRODUCTION TO QUANTUM INTEGRABILITY. <i>International Journal of Modern Physics A</i> , 2010, 25, 3307-3351.	1.5	15
24	Defects in the discrete non-linear Schrödinger model. <i>Nuclear Physics B</i> , 2012, 854, 153-165.	2.5	15
25	Sigma models in the presence of dynamical point-like defects. <i>Nuclear Physics B</i> , 2013, 867, 872-886.	2.5	15
26	Direct calculation of breather S matrices. <i>Journal of Physics A</i> , 1999, 32, 3663-3680.	1.6	14
27	ANALYTICAL BETHE ANSATZ FOR OPEN SPIN CHAINS WITH SOLITON NONPRESERVING BOUNDARY CONDITIONS. <i>International Journal of Modern Physics A</i> , 2006, 21, 1537-1554.	1.5	14
28	Boundary Lax pairs for the Toda field theories. <i>Nuclear Physics B</i> , 2009, 821, 481-505.	2.5	14
29	Classical integrable defects as quasi Bäcklund transformations. <i>Nuclear Physics B</i> , 2016, 911, 212-230.	2.5	14
30	Soliton S matrices for the critical chain. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 462, 121-131.	4.1	13
31	The XXX spin s quantum chain and the alternating s_1, s_2 chain with boundaries. <i>Nuclear Physics B</i> , 2002, 634, 591-610.	2.5	13
32	A note on the boundary spin s XXZ chain. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 366, 556-562.	2.1	13
33	Set-theoretic Yang-Baxter & reflection equations and quantum group symmetries. <i>Letters in Mathematical Physics</i> , 2021, 111, 1.	1.1	13
34	An(1) affine Toda field theories with integrable boundary conditions revisited. <i>Journal of High Energy Physics</i> , 2008, 2008, 091-091.	4.7	12
35	Systematic classical continuum limits of integrable spin chains and emerging novel dualities. <i>Nuclear Physics B</i> , 2010, 840, 469-490.	2.5	12
36	Discrete symmetries and S-matrix of the XXZ chain. <i>Journal of Physics A</i> , 1998, 31, L621-L627.	1.6	10

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37	Thermodynamics and conformal properties of XXZ chains with alternating spins. Journal of Physics A, 2004, 37, 4465-4492.	1.6	10
38	Darboux-Backlund transformations, dressing & impurities in multi-component NLS. Nuclear Physics B, 2017, 918, 91-114.	2.5	10
39	Partial differential systems with non-local nonlinearities: generation and solutions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2018, 376, 20170195.	3.4	10
40	Principal chiral model scattering and the alternating quantum spin chain. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 220-230.	4.1	9
41	Classical impurities associated to high rank algebras. Nuclear Physics B, 2014, 884, 142-156.	2.5	9
42	Commuting quantum traces for quadratic algebras. Journal of Mathematical Physics, 2005, 46, 083516.	1.1	8
43	(Quantum) twisted Yangians: Symmetry, Baxterisation, and centralizers. Journal of Mathematical Physics, 2007, 48, 023511.	1.1	8
44	Grassmannian Flows and Applications to Nonlinear Partial Differential Equations. Abel Symposia, 2018, , 71-98.	0.3	8
45	Grassmannian flows and applications to non-commutative non-local and local integrable systems. Physica D: Nonlinear Phenomena, 2021, 415, 132744.	2.8	8
46	Non-commutative NLS-type hierarchies: Dressing & solutions. Nuclear Physics B, 2019, 941, 376-400.	2.5	7
47	Time-like boundary conditions in the NLS model. Nuclear Physics B, 2019, 941, 361-375.	2.5	7
48	Factorization of Multiparticle Scattering in the Heisenberg Spin Chain. Modern Physics Letters A, 1997, 12, 2591-2598.	1.2	6
49	Boundary S-matrix for the XXZ chain. Journal of Physics A, 1998, 31, 53-59.	1.6	6
50	Boundary Lax pairs from non-ultra-local Poisson algebras. Journal of Mathematical Physics, 2009, 50, 113512.	1.1	6
51	Commuting quantum traces: the case of reflection algebras. Journal of Physics A, 2004, 37, 1603-1615.	1.6	5
52	Contracted and expanded integrable structures. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 475204.	2.1	5
53	Transmission amplitudes from Bethe ansatz equations. Journal of High Energy Physics, 2013, 2013, 1.	4.7	5
54	Type-I integrable quantum impurities in the Heisenberg model. Nuclear Physics B, 2013, 877, 885-899.	2.5	5

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55	Jumps and twists in affine Toda field theories. Nuclear Physics B, 2015, 893, 107-121.	2.5	5
56	Analytical Bethe ansatz in $gl(N)$ spin chains. European Physical Journal D, 2006, 56, 141-148.	0.4	4
57	New reflection matrices for the $U_q(\mathfrak{gl}(m n))$ case. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, L09004.	2.3	4
58	A note on $\mathfrak{gl}_{\mathcal{N}}$ type-I integrable defects. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P02002.	2.3	4
59	Murphy elements from the double-row transfer matrix. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, L03003.	2.3	3
60	Weyl equation and (non)-commutative $SU(n+1)$ BPS monopoles. Journal of High Energy Physics, 2010, 2010, 1.	4.7	3
61	On boundary superalgebras. Journal of Mathematical Physics, 2010, 51, 043509.	1.1	3
62	Generalized Landau-Lifshitz models on the interval. Nuclear Physics B, 2011, 853, 436-460.	2.5	3
63	Transmission matrices in $\mathfrak{g} \otimes \mathfrak{g} \otimes \mathfrak{g}$ & $\mathfrak{u}_q \left(\mathfrak{g} \otimes \mathfrak{g} \right)$ quantum spin chains. Journal of High Energy Physics, 2013, 2013, 1.	4.7	3
64	Set-theoretic Yang-Baxter equation, braces and Drinfeld twists. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 415201.	2.1	3
65	Thermodynamics of the critical RSOS($q_1, q_2; q$) model. Journal of Physics A, 2003, 36, 329-343.	1.6	2
66	The sine-Gordon model in the presence of defects. Journal of Physics: Conference Series, 2013, 411, 012003.	0.4	2
67	Lax pair formulation in the simultaneous presence of boundaries and defects. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 065203.	2.1	2
68	Discretizations of the generalized AKNS scheme. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 255201.	2.1	2
69	Scattering matrices in the $\mathfrak{sl}(\infty)$ twisted Yangian. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P02007.	2.3	2
70	From braces to Hecke algebras and quantum groups. Journal of Algebra and Its Applications, 2023, 22, .	0.4	2
71	On $osp(M 2n)$ Integrable Open Spin Chains. European Physical Journal D, 2004, 54, 1153-1158.	0.4	1
72	Generic boundary scattering in the open XXZ chain. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 4144-4150.	2.1	1

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73	Non-diagonal reflection for the non-critical XXZ model. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 194007.	2.1	1
74	The non-compact Weyl equation. Journal of High Energy Physics, 2011, 2011, 1.	4.7	1
75	Bogomolny-Prasad-Sommerfeld monopoles and open spin chains. Journal of Mathematical Physics, 2011, 52, 093508.	1.1	1
76	SELECTED TOPICS IN CLASSICAL INTEGRABILITY. International Journal of Modern Physics A, 2012, 27, 1230003.	1.5	1
77	Stochastic analysis & discrete quantum systems. Nuclear Physics B, 2019, 945, 114658.	2.5	1
78	Solitons: Conservation laws and dressing methods. International Journal of Modern Physics A, 2019, 34, 1930003.	1.5	1
79	An algebraic approach to discrete time integrability. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 045202.	2.1	1
80	The $\mathfrak{sl}(\mathbb{N})$ twisted Yangian: bulk-boundary scattering and defects. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P05024.	2.3	1
81	The Quantum Auxiliary Linear Problem & Darboux-Backlund Transformations. , 2020, , .		1
82	Asymmetric Twin Representation: the Transfer Matrix Symmetry. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2007, , .	0.5	1
83	On the symmetries of integrable systems with boundaries. European Physical Journal D, 2005, 55, 1397-1402.	0.4	0
84	Contractions of quantum algebraic structures. Fortschritte Der Physik, 2010, 58, 879-882.	4.4	0
85	Weyl Equation and BPS Monopoles. , 2011, , .		0
86	Solutions of the generic non-compact Weyl equation. Journal of High Energy Physics, 2012, 2012, 1.	4.7	0
87	Scattering in Twisted Yangians. Journal of Physics: Conference Series, 2016, 670, 012007.	0.4	0
88	Time Evolution in Quantum Systems and Stochastics. , 2021, , 523-532.		0
89	Junction Type Representations of the Temperley-Lieb Algebra and Associated Symmetries. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2010, , .	0.5	0
90	Integrable quantum spin chains and their classical continuous counterparts. , 2011, , .		0