

Anastasia Doikou

List of Publications by Year in descending order

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90
papers

978
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394421

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times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	From braces to Hecke algebras and quantum groups. <i>Journal of Algebra and Its Applications</i> , 2023, 22, .	0.4	2
2	Grassmannian flows and applications to non-commutative non-local and local integrable systems. <i>Physica D: Nonlinear Phenomena</i> , 2021, 415, 132744.	2.8	8
3	An algebraic approach to discrete time integrability. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 045202.	2.1	1
4	Time Evolution in Quantum Systems and Stochastics. , 2021, , 523-532.		0
5	Set-theoretic Yang-Baxter & reflection equations and quantum group symmetries. <i>Letters in Mathematical Physics</i> , 2021, 111, 1.	1.1	13
6	Set-theoretic Yang-Baxter equation, braces and Drinfeld twists. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2021, 54, 415201.	2.1	3
7	Discretizations of the generalized AKNS scheme. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 255201.	2.1	2
8	The Quantum Auxiliary Linear Problem & Darboux-Backlund Transformations. , 2020, , .		1
9	Stochastic analysis & discrete quantum systems. <i>Nuclear Physics B</i> , 2019, 945, 114658.	2.5	1
10	Non-commutative NLS-type hierarchies: Dressing & solutions. <i>Nuclear Physics B</i> , 2019, 941, 376-400.	2.5	7
11	Time-like boundary conditions in the NLS model. <i>Nuclear Physics B</i> , 2019, 941, 361-375.	2.5	7
12	Solitons: Conservation laws and dressing methods. <i>International Journal of Modern Physics A</i> , 2019, 34, 1930003.	1.5	1
13	Partial differential systems with non-local nonlinearities: generation and solutions. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2018, 376, 20170195.	3.4	10
14	Grassmannian Flows and Applications to Nonlinear Partial Differential Equations. <i>Abel Symposia</i> , 2018, , 71-98.	0.3	8
15	Darboux-Backlund transformations, dressing & impurities in multi-component NLS. <i>Nuclear Physics B</i> , 2017, 918, 91-114.	2.5	10
16	Classical integrable defects as quasi Backlund transformations. <i>Nuclear Physics B</i> , 2016, 911, 212-230.	2.5	14
17	Scattering in Twisted Yangians. <i>Journal of Physics: Conference Series</i> , 2016, 670, 012007.	0.4	0
18	Lagrangian and Hamiltonian structures in an integrable hierarchy and space-time duality. <i>Nuclear Physics B</i> , 2016, 902, 415-439.	2.5	25

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19	Jumps and twists in affine Toda field theories. Nuclear Physics B, 2015, 893, 107-121.	2.5	5
20	Lax pair formulation in the simultaneous presence of boundaries and defects. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 065203.	2.1	2
21	Scattering matrices in the $\mathfrak{sl}(\mathfrak{mbox{sfamilyseries 3}})$ twisted Yangian. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P02007.	2.3	2
22	The $\mathfrak{sl}(\mathcal{N})$ twisted Yangian: bulk-boundary scattering and defects. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P05024.	2.3	1
23	Classical impurities associated to high rank algebras. Nuclear Physics B, 2014, 884, 142-156.	2.5	9
24	A note on $\mathfrak{gl}(\mathcal{N})$ type-I integrable defects. Journal of Statistical Mechanics: Theory and Experiment, 2014, 2014, P02002.	2.3	4
25	Transmission amplitudes from Bethe ansatz equations. Journal of High Energy Physics, 2013, 2013, 1.	4.7	5
26	Type-I integrable quantum impurities in the Heisenberg model. Nuclear Physics B, 2013, 877, 885-899.	2.5	5
27	Transmission matrices in $\mathfrak{gl}(\mathfrak{U}_q(\mathfrak{g}))_{\mathcal{N}}$ & $\mathfrak{gl}(\mathfrak{U}_q(\mathfrak{g}))_{\mathcal{N}}$ quantum spin chains. Journal of High Energy Physics, 2013, 2013, 1.	4.7	3
28	Sigma models in the presence of dynamical point-like defects. Nuclear Physics B, 2013, 867, 872-886.	2.5	15
29	The sine-Gordon model in the presence of defects. Journal of Physics: Conference Series, 2013, 411, 012003.	0.4	2
30	SELECTED TOPICS IN CLASSICAL INTEGRABILITY. International Journal of Modern Physics A, 2012, 27, 1230003.	1.5	1
31	Solutions of the generic non-compact Weyl equation. Journal of High Energy Physics, 2012, 2012, 1.	4.7	0
32	The sine-Gordon model with integrable defects revisited. Journal of High Energy Physics, 2012, 2012, 1.	4.7	24
33	Defects in the discrete non-linear Schrödinger model. Nuclear Physics B, 2012, 854, 153-165.	2.5	15
34	Liouville integrable defects: the non-linear Schrödinger paradigm. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
35	Generalized Landau-Lifshitz models on the interval. Nuclear Physics B, 2011, 853, 436-460.	2.5	3
36	Weyl Equation and BPS Monopoles. , 2011, , .		0

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37	The non-compact Weyl equation. Journal of High Energy Physics, 2011, 2011, 1.	4.7	1
38	Bogomolny-Prasad-Sommerfeld monopoles and open spin chains. Journal of Mathematical Physics, 2011, 52, 093508.	1.1	1
39	Integrable quantum spin chains and their classical continuous counterparts. , 2011, , .		0
40	Weyl equation and (non)-commutative $SU(n + 1)$ BPS monopoles. Journal of High Energy Physics, 2010, 2010, 1.	4.7	3
41	Contractions of quantum algebraic structures. Fortschritte Der Physik, 2010, 58, 879-882.	4.4	0
42	INTRODUCTION TO QUANTUM INTEGRABILITY. International Journal of Modern Physics A, 2010, 25, 3307-3351.	1.5	15
43	Systematic classical continuum limits of integrable spin chains and emerging novel dualities. Nuclear Physics B, 2010, 840, 469-490.	2.5	12
44	On boundary superalgebras. Journal of Mathematical Physics, 2010, 51, 043509.	1.1	3
45	Junction Type Representations of the Temperley-Lieb Algebra and Associated Symmetries. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2010, , .	0.5	0
46	Boundary Lax pairs from non-ultra-local Poisson algebras. Journal of Mathematical Physics, 2009, 50, 113512.	1.1	6
47	Contracted and expanded integrable structures. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 475204.	2.1	5
48	Boundary Lax pairs for the Toda field theories. Nuclear Physics B, 2009, 821, 481-505.	2.5	14
49	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
50	Murphy elements from the double-row transfer matrix. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, L03003.	2.3	3
51	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
52	The generalized non-linear Schrödinger model on the interval. Nuclear Physics B, 2008, 790, 465-492.	2.5	22
53	Integrable boundary conditions and modified Lax equations. Nuclear Physics B, 2008, 800, 591-612.	2.5	15
54	Non-diagonal reflection for the non-critical XXZ model. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 194007.	2.1	1

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55	An(1)affine Toda field theories with integrable boundary conditions revisited. Journal of High Energy Physics, 2008, 2008, 091-091.	4.7	12
56	(Quantum) twisted Yangians: Symmetry, Baxterisation, and centralizers. Journal of Mathematical Physics, 2007, 48, 023511.	1.1	8
57	A note on the boundary spin s XXZ chain. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 366, 556-562.	2.1	13
58	Asymmetric Twin Representation: the Transfer Matrix Symmetry. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2007, , .	0.5	1
59	On quantum group symmetry and Bethe ansatz for the asymmetric twin spin chain with integrable boundary. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P06004-P06004.	2.3	19
60	The openXXZ and associated models at root of unity. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, P09010-P09010.	2.3	20
61	Analytical Bethe ansatz in $gl(N)$ spin chains. European Physical Journal D, 2006, 56, 141-148.	0.4	4
62	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
63	ANALYTICAL BETHE ANSATZ FOR OPEN SPIN CHAINS WITH SOLITON NONPRESERVING BOUNDARY CONDITIONS. International Journal of Modern Physics A, 2006, 21, 1537-1554.	1.5	14
64	On the symmetries of integrable systems with boundaries. European Physical Journal D, 2005, 55, 1397-1402.	0.4	0
65	Boundary non-local charges from the open spin chain. Journal of Statistical Mechanics: Theory and Experiment, 2005, 2005, P12005-P12005.	2.3	19
66	On reflection algebras and twisted Yangians. Journal of Mathematical Physics, 2005, 46, 053504.	1.1	19
67	From affine Hecke algebras to boundary symmetries. Nuclear Physics B, 2005, 725, 493-530.	2.5	32
68	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
69	Commuting quantum traces for quadratic algebras. Journal of Mathematical Physics, 2005, 46, 083516.	1.1	8
70	Commuting quantum traces: the case of reflection algebras. Journal of Physics A, 2004, 37, 1603-1615.	1.6	5
71	On $osp(M 2n)$ Integrable Open Spin Chains. European Physical Journal D, 2004, 54, 1153-1158.	0.4	1
72	General boundary conditions for the and open spin chains. Journal of Statistical Mechanics: Theory and Experiment, 2004, 2004, P08005.	2.3	45

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73	Thermodynamics and conformal properties of XXZ chains with alternating spins. Journal of Physics A, 2004, 37, 4465-4492.	1.6	10
74	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
75	Fused integrable lattice models with quantum impurities and open boundaries. Nuclear Physics B, 2003, 668, 447-468.	2.5	29
76	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
77	Hecke algebraic approach to the reflection equation for spin chains. Journal of Physics A, 2003, 36, 2203-2225.	1.6	30
78	Thermodynamics of the critical RSOS($q_1, q_2; q$) model. Journal of Physics A, 2003, 36, 329-343.	1.6	2
79	The XXX spin s quantum chain and the alternating s_1, s_2 chain with boundaries. Nuclear Physics B, 2002, 634, 591-610.	2.5	13
80	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
81	Fusion and analytical Bethe ansatz for the $A_{n-1}^{(1)}$ open spin chain. Journal of Physics A, 2000, 33, 4755-4765.	1.6	16
82	Quantum spin chain with 'soliton non-preserving' boundary conditions. Journal of Physics A, 2000, 33, 8797-8807.	1.6	38
83	Direct calculation of breather S matrices. Journal of Physics A, 1999, 32, 3663-3680.	1.6	14
84	Soliton S matrices for the critical chain. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 462, 121-131.	4.1	13
85	Bulk and boundary S-matrices for the $SU(N)$ chain. Nuclear Physics B, 1998, 521, 547-572.	2.5	47
86	Duality and quantum-algebra symmetry of the $A_{n-1}^{(1)}$ open spin chain with diagonal boundary fields. Nuclear Physics B, 1998, 530, 641-664.	2.5	39
87	Discrete symmetries and S-matrix of the XXZ chain. Journal of Physics A, 1998, 31, L621-L627.	1.6	10
88	Boundary S-matrix for the XXZ chain. Journal of Physics A, 1998, 31, 53-59.	1.6	6
89	Simplified calculation of boundary S matrices. Journal of Physics A, 1997, 30, L507-L512.	1.6	16
90	Factorization of Multiparticle Scattering in the Heisenberg Spin Chain. Modern Physics Letters A, 1997, 12, 2591-2598.	1.2	6