

Ben Hoare

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,514
citations

257450

24
h-index

302126

39
g-index

40
all docs

40
docs citations

40
times ranked

199
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrable deformations of sigma models. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 093001.	2.1	24
2	Sigma models with local couplings: a new integrability-RG flow connection. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
3	Yang-Baxter deformations of the principal chiral model plus Wess-Zumino term. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 505401.	2.1	19
4	Dual description of \hat{t} -deformed OSP sigma models. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
5	Integrable 2d sigma models: Quantum corrections to geometry from RG flow. Nuclear Physics B, 2019, 949, 114798.	2.5	27
6	On the massless tree-level S-matrix in 2d sigma models. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 144005.	2.1	17
7	Supergravity backgrounds of the \hat{t} -deformed AdS ₂ × S ₂ × T ₆ and AdS ₅ × S ₅ superstrings. Journal of High Energy Physics, 2019, 2019, 1.	4.7	31
8	Three-parameter integrable deformation of $\hat{a}_{n,4}$ permutation supercosets. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
9	Integrable sigma models and 2-loop RG flow. Journal of High Energy Physics, 2019, 2019, 1.	4.7	25
10	Poisson-Lie duals of the \hat{t} -deformed AdS ₂ × S ₂ × T ₆ superstring. Journal of High Energy Physics, 2018, 2018, 1.	4.7	12
11	Combining the bi-Yang-Baxter deformation, the Wess-Zumino term and TsT transformations in one integrable \hat{t} -model. Journal of High Energy Physics, 2017, 2017, 1.	4.7	30
12	Marginal and non-commutative deformations via non-abelian T-duality. Journal of High Energy Physics, 2017, 2017, 1.	4.7	27
13	Poisson-Lie duals of the \hat{t} -deformed symmetric space sigma model. Journal of High Energy Physics, 2017, 2017, 1.	4.7	16
14	Maximally extended $\mathfrak{sl}(2 2)$, q -deformed $\mathfrak{d}\{(2, 1; \epsilon)\}$ and 3D kappa-Poincaré. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 314003.	2.1	9
15	On Jordanian deformations of AdS ₅ and supergravity. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 434006.	2.1	34
16	Non-split and split deformations of \mathfrak{AdS}_5 . Journal of Physics A: Mathematical and Theoretical, 2016, 49, 484003.	2.1	15
17	Scale invariance of the \hat{t} -deformed AdS ₅ × S ₅ superstring, T-duality and modified type II equations. Nuclear Physics B, 2016, 903, 262-303.	2.5	147
18	Homogeneous Yang-Baxter deformations as non-abelian duals of the AdS ₅ × S ₅ \hat{t} -model. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 494001.	2.1	53

#	ARTICLE	IF	CITATIONS
19	S-matrix algebra of the AdS ₂ –S ² superstring. Physical Review D, 2016, 93, .	4.7	21
20	Scattering and Unitarity Methods in Two Dimensions. Springer Proceedings in Physics, 2016, , 169-177.	0.2	1
21	Orbit method quantization of the AdS ₂ superparticle. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 315403.	2.1	9
22	Type IIB supergravity solution for the T-dual of the \hat{t} -deformed AdS ₅ –S ⁵ superstring. Journal of High Energy Physics, 2015, 2015, 1.	4.7	44
23	On integrable deformations of superstring sigma models related to $AdS_3 \times S^3 \times M_4$ string S-matrices from unitarity cuts. Journal of High Energy Physics, 2014, 2014, 1.	2.5	131
24	Towards a two-parameter q-deformation of $AdS_3 \times S^3 \times M_4$ string S-matrices from unitarity cuts. Nuclear Physics B, 2015, 891, 259-295.	2.5	72
25	Integrable S-matrices, massive and massless modes and the AdS ₂ –S ² superstring. Journal of High Energy Physics, 2014, 2014, 1.	4.7	30
26	On deformations of AdS _n –S ⁿ supercosets. Journal of High Energy Physics, 2014, 2014, 1.	4.7	99
27	Giant magnon solution and dispersion relation in string theory in $AdS_3 \times S^3 \times M_4$ string S-matrices from unitarity cuts. Nuclear Physics B, 2014, 879, 318-347.	2.5	73
28	Two-dimensional S-matrices from unitarity cuts. Journal of High Energy Physics, 2013, 2013, 1.	4.7	39
29	Restoring unitarity in the q-deformed world-sheet S-matrix. Journal of High Energy Physics, 2013, 2013, 1.	4.7	26
30	On string theory on with mixed 3-form flux: Tree-level S-matrix. Nuclear Physics B, 2013, 873, 682-727.	2.5	91
31	Massive S-matrix of $AdS_3 \times S^3 \times M_4$ superstring theory with mixed 3-. Nuclear Physics B, 2013, 873, 395-418.	2.5	71
32	Pohlmeyer reduction for superstrings in AdS space. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 015401.	2.1	4
33	Bound states of the q-deformed AdS ₅ –S ⁵ superstring S-matrix. Journal of High Energy Physics, 2012, 2012, 1.	4.7	26
34	q-deformation of the AdS ₅ –S ⁵ superstring S-matrix and its relativistic limit. Journal of High Energy Physics, 2012, 2012, 1.	4.7	58
35	Towards the quantum S-matrix of the Pohlmeyer reduced version of superstring theory. Nuclear Physics B, 2011, 851, 161-237.	2.5	58

#	ARTICLE	IF	CITATIONS
37	A relativistic relative of the magnon S-matrix. Journal of High Energy Physics, 2011, 2011, 1.	4.7	28
38	Tree-level S-matrix of Pohlmeyer reduced form of AdS ₅ –S ⁵ superstring theory. Journal of High Energy Physics, 2010, 2010, 1.	4.7	26
39	On the perturbative S-matrix of generalized sine-Gordon models. Journal of High Energy Physics, 2010, 2010, 1.	4.7	22
40	Pohlmeyer-reduced form of string theory in AdS ₅ –S ⁵ : semiclassical expansion. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 375204.	2.1	20