Sylvain Lacroix

List of Publications by Year
in descending order

21 papers	326 citations	759233 12 h-index	839539 18 g-index
21 all docs	21 docs citations	21 times ranked	83 citing authors

#	Article	IF	Citations
1	Assembling integrable σ-models as affine Gaudin models. Journal of High Energy Physics, 2019, 2019, 1.	4.7	32
2	Integrable Coupled σ Models. Physical Review Letters, 2019, 122, 041601.	7.8	31
3	On the Hamiltonian integrability of the bi-Yang-Baxter σ-model. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
4	Gaudin models and multipoint conformal blocks: general theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	24
5	A unifying 2D action for integrable $$sigma$$-models from 4D Chern–Simons theory. Letters in Mathematical Physics, 2020, 110, 1645-1687.	1.1	19
6	From Gaudin Integrable Models to d -Dimensional Multipoint Conformal Blocks. Physical Review Letters, 2021, 126, 021602.	7.8	19
7	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
8	Gaudin models and multipoint conformal blocks. Part II. Comb channel vertices in 3D and 4D. Journal of High Energy Physics, 2021, 2021, 1.	4.7	17
9	Local charges in involution and hierarchies in integrable sigma-models. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
10	Affine Gaudin models and hypergeometric functions on affine opers. Advances in Mathematics, 2019, 350, 486-546.	1.1	13
11	Three-parameter integrable deformation of $\mathbb{Z}_4$ permutation supercosets. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
12	New integrable coset sigma models. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
13	Integrable deformations of coupled σ-models. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
14	Onq-deformed symmetries as Poisson–Lie symmetries and application to Yang–Baxter type models. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 415402.	2.1	12
15	Integrable E-Models, 4d Chern-Simons Theory and Affine Gaudin Models. I. Lagrangian Aspects. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	11
16	Constrained affine Gaudin models and diagonal Yang–Baxter deformations. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 255203.	2.1	10
17	Ultralocal Lax connection for para-complex $\mathbb{Z}_T$- Nuclear Physics B, 2019, 949, 114821.	2.5	9
18	Cubic hypergeometric integrals of motion in affine Gaudin models. Advances in Theoretical and Mathematical Physics, 2020, 24, 155-187.	0.6	9

#	Article	IF	Citations
19	Gaudin models and multipoint conformal blocks III: comb channel coordinates and OPE factorisation. Journal of High Energy Physics, 2022, 2022, .	4.7	9
20	RG flows of integrable Ïƒ-models and the twist function. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
21	Four-dimensional Chernâ€"Simons theory and integrable field theories. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 083001.	2.1	6