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	Four-dimensional Chern–Simons theory and integrable field theories. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 083001.	2.1	6
2	Gaudin models and multipoint conformal blocks III: comb channel coordinates and OPE factorisation. Journal of High Energy Physics, 2022, 2022, .	4.7	9
3	From Gaudin Integrable Models to d-Dimensional Multipoint Conformal Blocks. Physical Review Letters, 2021, 126, 021602.	7.8	19
4	RG flows of integrable σ-models and the twist function. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
5	New integrable coset sigma models. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
6	Gaudin models and multipoint conformal blocks: general theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	24
7	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
8	Constrained affine Gaudin models and diagonal Yang–Baxter deformations. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 255203.	2.1	10
9	A unifying 2D action for integrable σ-models from 4D Chern–Simons theory. Letters in Mathematical Physics, 2020, 110, 1645-1687.	1.1	19
10	Integrable deformations of coupled σ-models. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
11	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
12	Cubic hypergeometric integrals of motion in affine Gaudin models. Advances in Theoretical and Mathematical Physics, 2020, 24, 155-187.	0.6	9
13	Assembling integrable σ-models as affine Gaudin models. Journal of High Energy Physics, 2019, 2019, 1.	4.7	32
14	Integrable Coupled σ Models. Physical Review Letters, 2019, 122, 041601.	7.8	31
15	Affine Gaudin models and hypergeometric functions on affine opers. Advances in Mathematics, 2019, 350, 486-546.	1.1	13
16	Three-parameter integrable deformation of $\mathbb{Z}_4$ permutation supercosets. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13
17	Ultralocal Lax connection for para-complex $\mathbb{Z}_T$-Nuclear Physics B, 2019, 949, 114821.	2.5	9
18	Local charges in involution and hierarchies in integrable sigma-models. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15

#	Article	IF	Citations
19	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
20	On the Hamiltonian integrability of the bi-Yang-Baxter Ïƒ-model. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
21	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