

Susanne Reffert

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,595
citations

304743

22
h-index

302126

39
g-index

60
all docs

60
docs citations

60
times ranked

558
citing authors

#	ARTICLE	IF	CITATIONS
1	Following the flow for large N and large charge. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 825, 136881.	4.1	10
2	Convexity, large charge and the large-N phase diagram of the $\mathbb{I}\ddagger 4$ theory. Journal of High Energy Physics, 2022, 2022, 1.	4.7	11
3	2D CFTs: Large charge is not enough to control the dynamics. Physical Review D, 2022, 105, .	4.7	2
4	Nonrelativistic CFTs at large charge: Casimir energy and logarithmic enhancements. Journal of High Energy Physics, 2022, 2022, .	4.7	8
5	Quantum crystals, Kagome lattice, and plane partitions fermion-boson duality. Physical Review D, 2021, 103, .	4.7	2
6	S-duality and correlation functions at large R-charge. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
7	Charging the conformal window. Physical Review D, 2021, 103, .	4.7	12
8	Near-Schrödinger dynamics at large charge. Physical Review D, 2021, 103, .	4.7	6
9	Resurgence of the large-charge expansion. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
10	Selected topics in the large quantum number expansion. Physics Reports, 2021, 933, 1-66.	25.6	32
11	$O(d,d)$ transformations preserve classical integrability. Nuclear Physics B, 2020, 950, 114880.	2.5	6
12	Near-conformal dynamics at large charge. Physical Review D, 2020, 101, .	4.7	19
13	Yang-Baxter deformations and generalized supergravity—a short summary. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 443001.	2.1	6
14	SUSY and the bi-vector. Physica Scripta, 2019, 94, 095001.	2.5	6
15	Conformal Dimensions in the Large Charge Sectors at the $O(4)$ Wilson-Fisher Fixed Point. Physical Review Letters, 2019, 123, 051603.	7.8	37
16	A safe CFT at large charge. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
17	Large charge at large N. Journal of High Energy Physics, 2019, 2019, 1.	4.7	38
18	Universal correlation functions in rank 1 SCFTs. Journal of High Energy Physics, 2019, 2019, 1.	4.7	33

#	ARTICLE	IF	CITATIONS
19	Phases of N=2 necklace quivers. Nuclear Physics B, 2018, 926, 279-294.	2.5	6
20	The large-charge expansion for Schrödinger systems. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
21	Extended gauge theory deformations from flux backgrounds. Journal of High Energy Physics, 2018, 2018, 1.	4.7	3
22	Killing spinors from classical r-matrices. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 395401.	2.1	10
23	An AdS/EFT correspondence at large charge. Nuclear Physics B, 2018, 934, 437-458.	2.5	17
24	String theory and the 4D/3D reduction of Seiberg duality. A review. Physics Reports, 2017, 705-706, 1-53.	25.6	9
25	Compensating strong coupling with large charge. Journal of High Energy Physics, 2017, 2017, 1.	4.7	82
26	Monopole quivers and new 3DN=2 dualities. Nuclear Physics B, 2017, 924, 153-177.	2.5	18
27	Matrix models at large charge. Journal of High Energy Physics, 2017, 2017, 1.	4.7	20
28	Generalized type IIB supergravity equations and non-Abelian classical r-matrices. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 445403.	2.1	30
29	Line operators from M-branes on compact Riemann surfaces. Nuclear Physics B, 2016, 913, 93-109.	2.5	4
30	On the CFT operator spectrum at large global charge. Journal of High Energy Physics, 2015, 2015, 1-34.	4.7	38
31	The M-theory origin of global properties of gauge theories. Nuclear Physics B, 2015, 901, 318-337.	2.5	7
32	4D/3D reduction of dualities: mirrors on the circle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
33	Yang-Baxter deformations of Minkowski spacetime. Journal of High Energy Physics, 2015, 2015, 1.	4.7	16
34	The braneology of 3D dualities. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 265401.	2.1	8
35	Alpha- and Omega-deformations from fluxes in M-theory. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
36	BPS states in the duality web of the Omega deformation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	10

#	ARTICLE	IF	CITATIONS
37	Omega-deformed Seiberg-Witten effective action from the M5-brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 229-235.	4.1	9
38	DEFORMED SUPERSYMMETRIC GAUGE THEORIES FROM THE FLUXTRAP BACKGROUND. International Journal of Modern Physics A, 2013, 28, 1330044.	1.5	21
39	Twisted masses and enhanced symmetries: the A&D series. Journal of High Energy Physics, 2012, 2012, 1.	4.7	5
40	General Omega deformations from closed string backgrounds. Journal of High Energy Physics, 2012, 2012, 1.	4.7	20
41	The omega deformation from string and M-theory. Journal of High Energy Physics, 2012, 2012, 1.	4.7	46
42	String theory of the Omega deformation. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
43	The Gauge-Bethe Correspondence and Geometric Representation Theory. Letters in Mathematical Physics, 2011, 98, 289-298.	1.1	10
44	Classical integrability of the squashed three-sphere, warped AdS ₃ and Schrödinger spacetime via T-duality. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 115401.	2.1	15
45	Sublattice counting and orbifolds. Journal of High Energy Physics, 2010, 2010, 1.	4.7	17
46	Relating gauge theories via Gauge/Bethe correspondence. Journal of High Energy Physics, 2010, 2010, 1.	4.7	31
47	On the perturbative expansion around a Lifshitz point. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 62-68.	4.1	29
48	Relating field theories via stochastic quantization. Nuclear Physics B, 2010, 824, 365-386.	2.5	34
49	The renormalizability of Hořava-Lifshitz-type gravities. Classical and Quantum Gravity, 2009, 26, 155021.	4.0	122
50	Quantum crystals and spin chains. Nuclear Physics B, 2009, 811, 463-490.	2.5	17
51	Dimer models, free fermions and super quantum mechanics. Advances in Theoretical and Mathematical Physics, 2009, 13, 1255-1315.	0.6	11
52	Resolved toroidal orbifolds and their orientifolds. Advances in Theoretical and Mathematical Physics, 2008, 12, 67-183.	0.6	53
53	Moduli stabilization in type IIB orientifolds (II). Nuclear Physics B, 2007, 766, 178-231.	2.5	76
54	Moduli stabilization in type IIB orientifolds (I). Nuclear Physics B, 2007, 766, 68-149.	2.5	58

#	ARTICLE	IF	CITATIONS
55	F-theory flux, destabilization of orientifolds and soft terms on D7-branes. Nuclear Physics B, 2006, 732, 243-290.	2.5	69
56	Moduli stabilization in toroidal type IIB orientifolds. Fortschritte Der Physik, 2006, 54, 462-471.	4.4	5
57	Fermion zero modes in the presence of fluxes and a non-perturbative superpotential. Journal of High Energy Physics, 2006, 2006, 071-071.	4.7	28
58	Flux-induced soft supersymmetry breaking in chiral type IIB orientifolds with D3/D7-branes. Nuclear Physics B, 2005, 706, 3-52.	2.5	145
59	MSSM with soft SUSY breaking terms from D7-branes with fluxes. Nuclear Physics B, 2005, 727, 264-300.	2.5	57
60	Output-coupling semiconductor saturable absorber mirror. Applied Physics Letters, 2001, 78, 2733-2735.	3.3	51