Susanne Reffert

List of Publications by Year
in descending order

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	Flux-induced soft supersymmetry breaking in chiral type IIB orientifolds with D3/D7-branes. Nuclear Physics B, 2005, 706, 3-52.	2.5	145
2	The renormalizability of Hořava–Lifshitz-type gravities. Classical and Quantum Gravity, 2009, 26, 155021.	4.0	122
3	Compensating strong coupling with large charge. Journal of High Energy Physics, 2017, 2017, 1.	4.7	82
4	Moduli stabilization in type IIB orientifolds (II). Nuclear Physics B, 2007, 766, 178-231.	2.5	76
5	F-theory flux, destabilization of orientifolds and soft terms on D7-branes. Nuclear Physics B, 2006, 732, 243-290.	2.5	69
6	Moduli stabilization in type IIB orientifolds (I). Nuclear Physics B, 2007, 766, 68-149.	2.5	58
7	MSSM with soft SUSY breaking terms from D7-branes with fluxes. Nuclear Physics B, 2005, 727, 264-300.	2.5	57
8	String theory of the Omega deformation. Journal of High Energy Physics, 2012, 2012, 1.	4.7	57
9	Resolved toroidal orbifolds and their orientifolds. Advances in Theoretical and Mathematical Physics, 2008, 12, 67-183.	0.6	53
10	Output-coupling semiconductor saturable absorber mirror. Applied Physics Letters, 2001, 78, 2733-2735.	3.3	51
11	The omega deformation from string and M-theory. Journal of High Energy Physics, 2012, 2012, 1.	4.7	46
12	On the CFT operator spectrum at large global charge. Journal of High Energy Physics, 2015, 2015, 1-34.	4.7	38
13	Large charge at large N. Journal of High Energy Physics, 2019, 2019, 1.	4.7	38
14	Conformal Dimensions in the Large Charge Sectors at the $O(4)$ Wilson-Fisher Fixed Point. Physical Review Letters, 2019, 123, 051603.	7.8	37
15	Relating field theories via stochastic quantization. Nuclear Physics B, 2010, 824, 365-386.	2.5	34
16	Universal correlation functions in rank 1 SCFTs. Journal of High Energy Physics, 2019, 2019, 1.	4.7	33
17	Selected topics in the large quantum number expansion. Physics Reports, 2021, 933, 1-66.	25.6	32
18	Relating gauge theories via Gauge/Bethe correspondence. Journal of High Energy Physics, 2010, 2010, 1.	4.7	31

#	Article	IF	Citations
19	Generalized type IIB supergravity equations and non-Abelian classical r-matrices. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 445403.	2.1	30
20	A safe CFT at large charge. Journal of High Energy Physics, 2019, 2019, 1.	4.7	30
21	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
22	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
23	DEFORMED SUPERSYMMETRIC GAUGE THEORIES FROM THE FLUXTRAP BACKGROUND. International Journal of Modern Physics A, 2013, 28, 1330044.	1.5	21
24	General Omega deformations from closed string backgrounds. Journal of High Energy Physics, 2012, 2012, 1.	4.7	20
25	Matrix models at large charge. Journal of High Energy Physics, 2017, 2017, 1.	4.7	20
26	The large-charge expansion for Schrödinger systems. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
27	Near-conformal dynamics at large charge. Physical Review D, 2020, 101, .	4.7	19
28	Monopole quivers and new 3D N=2 dualities. Nuclear Physics B, 2017, 924, 153-177.	2.5	18
29	Quantum crystals and spin chains. Nuclear Physics B, 2009, 811, 463-490.	2.5	17
30	Sublattice counting and orbifolds. Journal of High Energy Physics, 2010, 2010, 1.	4.7	17
31	An AdS/EFT correspondence at large charge. Nuclear Physics B, 2018, 934, 437-458.	2.5	17
32	Yang-Baxter deformations of Minkowski spacetime. Journal of High Energy Physics, 2015, 2015, 1.	4.7	16
33	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
34	4D/3D reduction of dualities: mirrors on the circle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
35	Resurgence of the large-charge expansion. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
36	Alpha- and Omega-deformations from fluxes in M-theory. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13

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37	Charging the conformal window. Physical Review D, 2021, 103, .	4.7	12
38	S-duality and correlation functions at large R-charge. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
39	Dimer models, free fermions and super quantum mechanics. Advances in Theoretical and Mathematical Physics, 2009, 13, 1255-1315.	0.6	11
40	Convexity, large charge and the large-N phase diagram of the Ï†4 theory. Journal of High Energy Physics, 2022, 2022, 1.	4.7	11
41	The Gaugeâ€"Bethe Correspondence and Geometric Representation Theory. Letters in Mathematical Physics, 2011, 98, 289-298.	1.1	10
42	BPS states in the duality web of the Omega deformation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	10
43	Killing spinors from classical r-matrices. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 395401.	2.1	10
44	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
45	Omega-deformed Seibergâ€"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
46	String theory and the 4D/3D reduction of Seiberg duality. A review. Physics Reports, 2017, 705-706, 1-53.	25.6	9
47	The braneology of 3D dualities. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 265401.	2.1	8
48	Nonrelativistic CFTs at large charge: Casimir energy and logarithmic enhancements. Journal of High Energy Physics, 2022, 2022, .	4.7	8
49	The M-theory origin of global properties of gauge theories. Nuclear Physics B, 2015, 901, 318-337.	2.5	7
50	Phases of N=2 necklace quivers. Nuclear Physics B, 2018, 926, 279-294.	2.5	6
51	SUSY and the bi-vector. Physica Scripta, 2019, 94, 095001.	2.5	6
52	O(d,d) transformations preserve classical integrability. Nuclear Physics B, 2020, 950, 114880.	2.5	6
53	Near-SchrÃ¶dinger dynamics at large charge. Physical Review D, 2021, 103, .	4.7	6
54	Yangâ€"Baxter deformations and generalized supergravityâ€"a short summary. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 443001.	2.1	6

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55	Moduli stabilization in toroidal type IIB orientifolds. Fortschritte Der Physik, 2006, 54, 462-471.	4.4	5
56	Twisted masses and enhanced symmetries: the A&D series. Journal of High Energy Physics, 2012, 2012, 1.	4.7	5
57	Line operators from M-branes on compact Riemann surfaces. Nuclear Physics B, 2016, 913, 93-109.	2.5	4
58	Extended gauge theory deformations from flux backgrounds. Journal of High Energy Physics, 2018, 2018, 1.	4.7	3
59	Quantum crystals, Kagome lattice, and plane partitions fermion-boson duality. Physical Review D, 2021, 103, .	4.7	2
60	2D CFTs: Large charge is not enough to control the dynamics. Physical Review D, 2022, 105, .	4.7	2