Henning Samtleben

List of Publications by Year
in descending order

95 papers	4,153 citations	117625 34 h-index	114465 63 g-index
95 all docs	95 docs citations	95 times ranked	640 citing authors

#	Article	IF	Citations
1	On Lagrangians and gaugings of maximal supergravities. Nuclear Physics B, 2003, 655, 93-126.	2.5	234
2	Exceptional Form of $D=11$ Supergravity. Physical Review Letters, 2013, 111, 231601.	7.8	181
3	Maximal Gauged Supergravity in Three Dimensions. Physical Review Letters, 2001, 86, 1686-1689.	7.8	175
4	Lectures on gauged supergravity and flux compactifications. Classical and Quantum Gravity, 2008, 25, 214002.	4.0	165
5	Gauged supergravities, tensor hierarchies, and M-theory. Journal of High Energy Physics, 2008, 2008, 044-044.	4.7	164
6	Magnetic charges in local field theory. Journal of High Energy Physics, 2005, 2005, 016-016.	4.7	157
7	The maximal $D=4$ supergravities. Journal of High Energy Physics, 2007, 2007, 049-049.	4.7	153
8	Exceptional field theory. II. $E_{7(7)}$.	4.7	145
9	On stringy AdS5 × S5 and higher spin holography. Journal of High Energy Physics, 2003, 2003, 062-062.	4.7	133
10	Compact and Noncompact Gauged Maximal Supergravities in Three Dimensions. Journal of High Energy Physics, 2001, 2001, 022-022.	4.7	118
11	Consistent Kaluza-Klein truncations via exceptional field theory. Journal of High Energy Physics, 2015, 2015, 1.	4.7	112
12	Exceptional field theory. III. $E_{8(8)}$.	4.7	111
13	Exceptional field theory. I. $E_{6(6)}$ M-theory and type IIB. Physical Review D, 2014, 89, .	4.7	110
14	The maximal supergravities. Nuclear Physics B, 2005, 716, 215-247.	2.5	98
15	Gauged locally supersymmetric D=3 nonlinear sigma models. Nuclear Physics B, 2003, 671, 175-216.	2.5	88
16	(1,0) superconformal models in six dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	84
17	The maximal supergravities. Nuclear Physics B, 2005, 725, 383-419.	2.5	80
18	Supersymmetric E7(7) exceptional field theory. Journal of High Energy Physics, 2014, 2014, 1.	4.7	73

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19	Entropy function and attractors for AdS black holes. Journal of High Energy Physics, 2006, 2006, 074-074.	4.7	69
20	Gauged supergravities from twisted doubled tori and non-geometric string backgrounds. Nuclear Physics B, 2008, 799, 80-109.	2.5	62
21	Chern–Simons vs. Yang–Mills gaugings in three dimensions. Nuclear Physics B, 2003, 668, 167-178.	2.5	54
22	Consistent type IIB reductions to maximal 5D supergravity. Physical Review D, 2015, 92, .	4.7	54
23	Kaluza-Klein Spectrometry for Supergravity. Physical Review Letters, 2020, 124, 101601.	7.8	52
24	Supergravities without an action: Gauging the trombone. Nuclear Physics B, 2009, 811, 1-35.	2.5	51
25	The N > 2 $$ mathcal{N}>2 $$ supersymmetric AdS vacua in maximal supergravity. Journal of High Energy Physics, 2014, 2014, 1.	4.7	51
26	An Exact Holographic RG Flow Between 2d Conformal Fixed Points. Journal of High Energy Physics, 2002, 2002, 006-006.	4.7	48
27	Supersymmetric AdS7 and AdS6 vacua and their minimal consistent truncations from exceptional field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 786, 171-179.	4.1	45
28	Maximal supergravity from IIB flux compactifications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 338-346.	4.1	44
29	The end of the<i>p</i>-form hierarchy. Journal of High Energy Physics, 2008, 2008, 015-015.	4.7	44
30	The superconformal gaugings in three dimensions. Journal of High Energy Physics, 2008, 2008, 101-101.	4.7	44
31	Rigid supersymmetric theories in 4d Riemannian space. Journal of High Energy Physics, 2012, 2012, 1.	4.7	42
32	U-duality covariant gravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
33	Fermions and supersymmetry in E6(6) exceptional field theory. Journal of High Energy Physics, 2015, 2015, 1.	4.7	39
34	Type II supergravity origin of dyonic gaugings. Physical Review D, 2017, 95, .	4.7	39
35	Six-dimensional superconformal couplings of non-abelian tensor and hypermultiplets. Journal of High Energy Physics, 2013, 2013, 1.	4.7	34
36	Stable Nonsupersymmetric Anti–de Sitter Vacua of Massive IIA Supergravity. Physical Review Letters, 2021, 126, 061601.	7.8	34

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37	N = 8 supergravity with local scaling symmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	33
38	Generalized IIB supergravity from exceptional field theory. Journal of High Energy Physics, 2017, 2017, 1.	4.7	33
39	Kaluza-Klein spectrometry from exceptional field theory. Physical Review D, 2020, 102, .	4.7	32
40	Gauge theory of Kaluza-Klein and winding modes. Physical Review D, 2013, 88, .	4.7	31
41	Calabi-Yau fourfolds with flux and supersymmetry breaking. Journal of High Energy Physics, 2003, 2003, 046-046.	4.7	29
42	Gauging hidden symmetries in two dimensions. Journal of High Energy Physics, 2007, 2007, 076-076.	4.7	27
43	Supersymmetric AdS7 and AdS6 vacua and their consistent truncations with vector multiplets. Journal of High Energy Physics, 2019, 2019, 1.	4.7	27
44	On the Yangian [Y(e8)] quantum symmetry of maximal supergravity in two dimensions. Journal of High Energy Physics, 1999, 1999, 023-023.	4.7	26
45	Kaluza-Klein supergravity on AdS3Ã—S3. Journal of High Energy Physics, 2003, 2003, 036-036.	4.7	26
46	3D gauged supergravity from wrapped M5-branes with AdS/CMT applications.. Journal of High Energy Physics, 2011, 2011, 1.	4.7	26
47	Duality invariance and higher derivatives. Physical Review D, 2020, 101, .	4.7	26
48	Twin supergravities. Classical and Quantum Gravity, 2009, 26, 155001.	4.0	25
49	$ mathcal{N} = 6 $ superspace constraints, SUSY enhancement and monopole operators. Journal of High Energy Physics, 2010, 2010, 1.	4.7	25
50	Tachyonic Kaluza-Klein modes and the AdS swampland conjecture. Journal of High Energy Physics, 2020, 2020, 1.	4.7	25
51	A special road to AdS vacua. Journal of High Energy Physics, 2010, 2010, 1.	4.7	24
52	O(d+1, d+1) enhanced double field theory. Journal of High Energy Physics, 2017, 2017, 1.	4.7	24
53	E9 exceptional field theory. Part I. The potential. Journal of High Energy Physics, 2019, 2019, 1.	4.7	24
54	Generalized diffeomorphisms for E_9. Physical Review D, 2017, 96, .	4.7	23

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55	E8(8) exceptional field theory: geometry, fermions and supersymmetry. Journal of High Energy Physics, 2016, 2016, 1.	4.7	22
56	Supergravity Duals of Matrix String Theory. Journal of High Energy Physics, 2002, 2002, 042-042.	4.7	20
57	On the magical supergravities in six dimensions. Nuclear Physics B, 2011, 848, 62-89.	2.5	20
58	Hidden Q-structure and Lie 3-algebra for non-abelian superconformal models in six dimensions. Journal of Geometry and Physics, 2014, 86, 497-533.	1.4	19
59	Rigid 6D supersymmetry and localization. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
60	Holographic Correlators in a Flow to a Fixed Point. Journal of High Energy Physics, 2002, 2002, 070-070.	4.7	17
61	Effective actions for massive Kaluza-Klein states onAdS3Ã—S3Ã—S3. Journal of High Energy Physics, 2005, 2005, 027-027.	4.7	17
62	Holographic evidence for nonsupersymmetric conformal manifolds. Physical Review D, 2022, 105, .	4.7	17
63	$\mathcal{N} = 8$ superspace constraints for three-dimensional gauge theories. Journal of High Energy Physics, 2010, 2010, 1.	4.7	15
64	SO(9) supergravity in two dimensions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	15
65	E7(7) exceptional field theory in superspace. Journal of High Energy Physics, 2019, 2019, 1.	4.7	15
66	Green-Schwarz Mechanism for String Dualities. Physical Review Letters, 2020, 124, 091601.	7.8	15
67	The 10d uplift of the GPPZ solution. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
68	E 9 exceptional field theory. Part II. The complete dynamics. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
69	Intersecting attractors. Physical Review D, 2009, 79, .	4.7	13
70	Consistent S^3 reductions of six-dimensional supergravity. Physical Review D, 2019, 100, .	4.7	13
71	Global properties of the conformal manifold for S-fold backgrounds. Journal of High Energy Physics, 2021, 2021, 1.	4.7	13
72	$\mathcal{N}$ = (8, 0) AdS vacua of three-dimensional supergravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	13

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73	A supersymmetric reduction on the three-sphere. Nuclear Physics B, 2015, 890, 350-362.	2.5	12
74	Ten-dimensional origin of Minkowski vacua in N=8 supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 64-71.	4.1	12
75	Holography of D-brane reconnection. Journal of High Energy Physics, 2007, 2007, 013-013.	4.7	11
76	Rotating D0-branes and consistent truncations of supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 727, 516-523.	4.1	10
77	Leibniz–Chern–Simons Theory and Phases of Exceptional Field Theory. Communications in Mathematical Physics, 2019, 369, 1055-1089.	2.2	10
78	Kaluza-Klein spectroscopy for the Leigh-Strassler SCFT. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
79	On the supersymmetric solutions of half-maximal supergravities. Nuclear Physics B, 2010, 840, 29-53.	2.5	9
80	Duality-symmetric actions for non-Abelian tensor fields. Physical Review D, 2013, 88, .	4.7	9
81	Dualising consistent IIA/IIB truncations. Journal of High Energy Physics, 2015, 2015, 1-26.	4.7	9
82	Higher Gauge Structures in Double and Exceptional Field Theory. Fortschritte Der Physik, 2019, 67, 1910008.	4.4	8
83	Matrix model holography. Journal of High Energy Physics, 2014, 2014, 1.	4.7	7
84	Triality and the consistent reductions on AdS3 × S3. Journal of High Energy Physics, 2022, 2022, 1.	4.7	7
85	Actions for non-abelian twisted self-duality. Nuclear Physics B, 2011, 851, 298-313.	2.5	6
86	Toward exotic 6D supergravities. Physical Review D, 2021, 103, .	4.7	6
87	AdS duals of matrix strings. Classical and Quantum Gravity, 2003, 20, S553-S558.	4.0	5
88	All timelike supersymmetric solutions of three-dimensional half-maximal supergravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	5
89	The Dual Graviton in Duality Covariant Theories. Fortschritte Der Physik, 2019, 67, 1900021.	4.4	4
90	Supergravity and Exceptional Field Theory. , 2015, , .		4

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91	Reviving 3D $$\mathcal{N}$$ = 8 superconformal field theories. Journal of High Energy Physics, 2019, 2019, 1.	4.7	3
92	Generalization of Okamoto's Equation to Arbitrary 2×2 System. Advances in Mathematical Physics, 2009, 2009, 1-14.	0.8	1
93	A note on the third way consistent deformation of Yang-Mills theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137275.	4.1	1
94	Action principle for non‐abelian twisted self‐duality. Fortschritte Der Physik, 2012, 60, 1093-1097.	4.4	0
95	MAXIMAL SUPERSYMMETRY AND NON-ABELIAN GAUGE GROUPS. , 2010, , .		0