

Olaf Hohm

List of Publications by Year in descending order

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64
papers

4,164
citations

147566

31
h-index

114278

63
g-index

64
all docs

64
docs citations

64
times ranked

719
citing authors

#	ARTICLE	IF	CITATIONS
1	Massive Gravity in Three Dimensions. Physical Review Letters, 2009, 102, 201301.	2.9	682
2	Generalized metric formulation of double field theory. Journal of High Energy Physics, 2010, 2010, 1.	1.6	417
3	Background independent action for double field theory. Journal of High Energy Physics, 2010, 2010, 1.	1.6	338
4	Exceptional Form of D Supergravity. Physical Review Letters, 2013, 111, 231601.	2.9	181
5	Exceptional field theory. II. $E_{7(7)}$	1.6	145
6	Double field theory of type II strings. Journal of High Energy Physics, 2011, 2011, 1.	1.6	136
7	Doubled $\hat{E}_{d,d}$ -geometry. Journal of High Energy Physics, 2014, 2014, 1.	1.6	117
8	On the Riemann tensor in double field theory. Journal of High Energy Physics, 2012, 2012, 1.	1.6	115
9	Double field theory formulation of heterotic strings. Journal of High Energy Physics, 2011, 2011, 1.	1.6	112
10	Consistent Kaluza-Klein truncations via exceptional field theory. Journal of High Energy Physics, 2015, 2015, 1.	1.6	112
11	Exceptional field theory. III. $E_{6(6)}$	1.6	111
12	Exceptional field theory. I. $E_{6(6)}$	1.6	110
13	M-theory and type IIB. Physical Review D, 2014, 89, . Unification of Type-II Strings and T -Duality. Physical Review Letters, 2011, 107, 171603.	2.9	108
14	Geometric Action for Nongeometric Fluxes. Physical Review Letters, 2012, 108, 261602.	2.9	103
15	algebras and field theory. Fortschritte Der Physik, 2017, 65, 1700014.	1.5	85
16	A boundary stress tensor for higher-derivative gravity in AdS and Lifshitz backgrounds. Journal of High Energy Physics, 2010, 2010, 1.	1.6	83
17	Frame-like geometry of double field theory. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 085404.	0.7	81
18	Double field theory at order $\hat{E}_{d,d}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74

#	ARTICLE	IF	CITATIONS
19	Supersymmetric E7(7) exceptional field theory. Journal of High Energy Physics, 2014, 2014, 1.	1.6	73
20	Massive type II in double field theory. Journal of High Energy Physics, 2011, 2011, 1.	1.6	71
21	Duality invariant cosmology to all orders in \hat{t}_\pm^2 . Physical Review D, 2019, 100, .	1.6	68
22	Consistent type IIB reductions to maximal 5D supergravity. Physical Review D, 2015, 92, .	1.6	54
23	Heterotic effective action and duality symmetries revisited. Journal of High Energy Physics, 2015, 2015, 1.	1.6	50
24	Modes of log gravity. Physical Review D, 2011, 83, .	1.6	47
25	Tensor hierarchy and generalized Cartan calculus in SL(3) \tilde{A} – SL(2) exceptional field theory. Journal of High Energy Physics, 2015, 2015, 1.	1.6	47
26	Gauge theories, duality relations and the tensor hierarchy. Journal of High Energy Physics, 2009, 2009, 123-123.	1.6	46
27	Towards an invariant geometry of double field theory. Journal of Mathematical Physics, 2013, 54, .	0.5	46
28	Green-Schwarz mechanism and \hat{t}_\pm^2 -deformed Courant brackets. Journal of High Energy Physics, 2015, 2015, 1.	1.6	45
29	On factorizations in perturbative quantum gravity. Journal of High Energy Physics, 2011, 2011, 1.	1.6	44
30	U-duality covariant gravity. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
31	Nonperturbative de Sitter vacua via \hat{t}_\pm^2 corrections. International Journal of Modern Physics D, 2019, 28, 1943002.	0.9	35
32	T-duality constraints on higher derivatives revisited. Journal of High Energy Physics, 2016, 2016, 1-27.	1.6	29
33	Dual double field theory. Journal of High Energy Physics, 2016, 2016, 1.	1.6	26
34	Duality invariance and higher derivatives. Physical Review D, 2020, 101, .	1.6	26
35	O(d+1, d+1) enhanced double field theory. Journal of High Energy Physics, 2017, 2017, 1.	1.6	24
36	T-Duality versus Gauge Symmetry. Progress of Theoretical Physics Supplement, 2011, 188, 116-125.	0.2	22

#	ARTICLE	IF	CITATIONS
37	String Dualities at Order α'^2 . Physical Review Letters, 2021, 126, 171602.	2.9	17
38	Effective actions for massive Kaluza-Klein states on $AdS_3 \times S^3$. Journal of High Energy Physics, 2005, 2005, 027-027.	1.6	17
39	On the curious spectrum of duality invariant higher-derivative gravity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
40	Background Independence and Duality Invariance in String Theory. Physical Review Letters, 2017, 118, 131601.	2.9	17
41	General string cosmologies at order α'^2 . Physical Review D, 2021, 104, .	1.0	10
42	Background independent double field theory at order α'^2 : Metric versus framelike geometry. Physical Review D, 2017, 95, .	1.6	16
43	Green-Schwarz Mechanism for String Dualities. Physical Review Letters, 2020, 124, 091601.	2.9	15
44	Leibniz Gauge Theories and Infinity Structures. Communications in Mathematical Physics, 2020, 377, 2027-2077.	1.0	14
45	Constructions of M_1 Algebras and Their Field Theory Realizations. Advances in Mathematical Physics, 2018, 2018, 1-11.	0.4	12
46	Exotic dual of type II double field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 374-379.	1.5	11
47	Double metric, generalized metric, and α'^2 -deformed double field theory. Physical Review D, 2016, 93, .	1.6	10
48	Leibniz-Chern-Simons Theory and Phases of Exceptional Field Theory. Communications in Mathematical Physics, 2019, 369, 1055-1089.	1.0	10
49	The gauge structure of double field theory follows from Yang-Mills theory. Physical Review D, 2022, 106, .	1.6	10
50	Perturbative double field theory on general backgrounds. Physical Review D, 2016, 93, .	1.6	9
51	Higher Gauge Structures in Double and Exceptional Field Theory. Fortschritte Der Physik, 2019, 67, 1910008.	1.5	8
52	Homotopy Transfer and Effective Field Theory I: Tree-level. Fortschritte Der Physik, 2022, 70, 2200003.	1.5	7
53	Toward exotic 6D supergravities. Physical Review D, 2021, 103, .	1.6	6
54	Can dual gravity be reconciled with 11 ? Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 371-376.	1.5	5

#	ARTICLE	IF	CITATIONS
55	Old dualities and new anomalies. Physical Review D, 2020, 102, .	1.6	5
56	Duality Hierarchies and Differential Graded Lie Algebras. Communications in Mathematical Physics, 2021, 382, 277-315.	1.0	5
57	Homotopy Transfer and Effective Field Theory II: Strings and Double Field Theory. Fortschritte Der Physik, 2022, 70, .	1.5	5
58	Background independence in string theory. International Journal of Modern Physics D, 2018, 27, 1847026.	0.9	4
59	The Dual Graviton in Duality Covariant Theories. Fortschritte Der Physik, 2019, 67, 1900021.	1.5	4
60	Beta functions for the duality-invariant sigma model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
61	Reviving 3D $\mathcal{N} = 8$ superconformal field theories. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
62	Gauge invariant perturbation theory via homotopy transfer. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
63	Duality invariant string beta functions at two loops. Journal of High Energy Physics, 2022, 2022, 1.	1.6	3
64	NEW MASSIVE GRAVITY., 2012, , .		1