

Olaf Hohm

List of Publications by Year in descending order

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64
papers

4,164
citations

147566

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64
all docs

64
docs citations

64
times ranked

719
citing authors

#	ARTICLE	IF	CITATIONS
1	Homotopy Transfer and Effective Field Theory I: Tree-level. Fortschritte Der Physik, 2022, 70, 2200003.	1.5	7
2	Homotopy Transfer and Effective Field Theory II: Strings and Double Field Theory. Fortschritte Der Physik, 2022, 70, .	1.5	5
3	Duality invariant string beta functions at two loops. Journal of High Energy Physics, 2022, 2022, 1.	1.6	3
4	The gauge structure of double field theory follows from Yang-Mills theory. Physical Review D, 2022, 106, .	1.6	10
5	Duality Hierarchies and Differential Graded Lie Algebras. Communications in Mathematical Physics, 2021, 382, 277-315.	1.0	5
6	Toward exotic 6D supergravities. Physical Review D, 2021, 103, .	1.6	6
7	String Dualities at Order α'^2 . Physical Review Letters, 2021, 126, 171602.	1.6	14
8	Gauge invariant perturbation theory via homotopy transfer. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
9	Beta functions for the duality-invariant sigma model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
10	General string cosmologies at order α'^2 . Physical Review D, 2021, 104, .	1.6	14
11	Old dualities and new anomalies. Physical Review D, 2020, 102, .	1.6	5
12	Green-Schwarz Mechanism for String Dualities. Physical Review Letters, 2020, 124, 091601.	2.9	15
13	Leibniz Gauge Theories and Infinity Structures. Communications in Mathematical Physics, 2020, 377, 2027-2077.	1.0	14
14	Duality invariance and higher derivatives. Physical Review D, 2020, 101, .	1.6	26
15	Reviving 3D $\mathcal{N} = 8$ superconformal field theories. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
16	Leibniz-Chern-Simons Theory and Phases of Exceptional Field Theory. Communications in Mathematical Physics, 2019, 369, 1055-1089.	1.0	10
17	Higher Gauge Structures in Double and Exceptional Field Theory. Fortschritte Der Physik, 2019, 67, 1910008.	1.5	8
18	The Dual Graviton in Duality Covariant Theories. Fortschritte Der Physik, 2019, 67, 1900021.	1.5	4

#	ARTICLE	IF	CITATIONS
19	Nonperturbative de Sitter vacua via $\hat{L}_{\pm}^{\pm 2}$ corrections. International Journal of Modern Physics D, 2019, 28, 1943002.	0.9	35
20	Duality invariant cosmology to all orders in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msup} \langle \text{mml:mi} \hat{L} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \hat{\alpha}^2 \langle \text{mml:mo} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle .$	1.6	68
21	Constructions of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"} \rangle \langle \text{mml:mrow} \langle \text{mml:msub} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal"} \rangle L \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \langle \text{mml:mrow} \langle \text{mml:mi mathvariant="normal"} \rangle \hat{\alpha}^2 \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ Algebras and Their Field Theory Realizations. Advances in Mathematical Physics, 2018, 2018, 1-11.	0.4	12
22	Background independence in string theory. International Journal of Modern Physics D, 2018, 27, 1847026.	0.9	4
23	Background Independence and Duality Invariance in String Theory. Physical Review Letters, 2017, 118, 131601.	2.9	17
24	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
25	algebras and field theory. Fortschritte Der Physik, 2017, 65, 1700014.	1.5	85
26	Background independent double field theory at order $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \hat{L} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \hat{\alpha}^2 \langle \text{mml:mo} \rangle \langle \text{mml:math} \rangle$: Metric versus framelike geometry. Physical Review D, 2017, 95, .	1.6	16
27	$O(d+1, d+1)$ enhanced double field theory. Journal of High Energy Physics, 2017, 2017, 1.	1.6	24
28	T-duality constraints on higher derivatives revisited. Journal of High Energy Physics, 2016, 2016, 1-27.	1.6	29
29	Perturbative double field theory on general backgrounds. Physical Review D, 2016, 93, .	1.6	9
30	Double metric, generalized metric, and $\hat{L}_{\pm}^{\pm 2}$ -deformed double field theory. Physical Review D, 2016, 93, .	1.6	10
31	Dual double field theory. Journal of High Energy Physics, 2016, 2016, 1.	1.6	26
32	On the curious spectrum of duality invariant higher-derivative gravity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
33	Consistent type IIB reductions to maximal 5D supergravity. Physical Review D, 2015, 92, .	1.6	54
34	Green-Schwarz mechanism and $\hat{L}_{\pm}^{\pm 2}$ -deformed Courant brackets. Journal of High Energy Physics, 2015, 2015, 1.	1.6	45
35	Consistent Kaluza-Klein truncations via exceptional field theory. Journal of High Energy Physics, 2015, 2015, 1.	1.6	112
36	Heterotic effective action and duality symmetries revisited. Journal of High Energy Physics, 2015, 2015, 1.	1.6	50

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37	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
38	Exceptional field theory. III. $E_{8(8)}$ Exceptional field theory. II. $E_{7(7)}$ Exceptional field theory. I. $E_{6(6)}$	1.6	111
39	Exceptional field theory. II. $E_{7(7)}$ Exceptional field theory. I. $E_{6(6)}$	1.6	145
40	Exceptional field theory. I. $E_{6(6)}$	1.6	110
41	M-theory and type IIB. Physical Review D, 2014, 89, . Double field theory at order $\hat{1} \hat{2} \hat{3}$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
42	Doubled $\hat{1} \hat{2} \hat{3}$ -geometry. Journal of High Energy Physics, 2014, 2014, 1.	1.6	117
43	Supersymmetric $E_{7(7)}$ exceptional field theory. Journal of High Energy Physics, 2014, 2014, 1.	1.6	73
44	Towards an invariant geometry of double field theory. Journal of Mathematical Physics, 2013, 54, .	0.5	46
45	U-duality covariant gravity. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
46	Exceptional Form of $D=11$ Supergravity. 2.9 Physical Review Letters, 2013, 111, 231601.		181
47	NEW MASSIVE GRAVITY. , 2012, , .		1
48	On the Riemann tensor in double field theory. Journal of High Energy Physics, 2012, 2012, 1.	1.6	115
49	Geometric Action for Nongeometric Fluxes. Physical Review Letters, 2012, 108, 261602.	2.9	103
50	Modes of log gravity. Physical Review D, 2011, 83, .	1.6	47
51	On factorizations in perturbative quantum gravity. Journal of High Energy Physics, 2011, 2011, 1.	1.6	44
52	Double field theory formulation of heterotic strings. Journal of High Energy Physics, 2011, 2011, 1.	1.6	112
53	Double field theory of type II strings. Journal of High Energy Physics, 2011, 2011, 1.	1.6	136
54	Massive type II in double field theory. Journal of High Energy Physics, 2011, 2011, 1.	1.6	71

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55	Unification of Type-II Strings and T -Duality. Physical Review Letters, 2011, 107, 171603.	2.9	108
56	Frame-like geometry of double field theory. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 085404.	0.7	81
57	T-Duality versus Gauge Symmetry. Progress of Theoretical Physics Supplement, 2011, 188, 116-125.	0.2	22
58	A boundary stress tensor for higher-derivative gravity in AdS and Lifshitz backgrounds. Journal of High Energy Physics, 2010, 2010, 1.	1.6	83
59	Background independent action for double field theory. Journal of High Energy Physics, 2010, 2010, 1.	1.6	338
60	Generalized metric formulation of double field theory. Journal of High Energy Physics, 2010, 2010, 1.	1.6	417
61	Gauge theories, duality relations and the tensor hierarchy. Journal of High Energy Physics, 2009, 2009, 123-123.	1.6	46
62	Can dual gravity be reconciled with E_{11} ? Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 675, 371-376.	1.5	5
63	Massive Gravity in Three Dimensions. Physical Review Letters, 2009, 102, 201301.	2.9	682
64	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