Hermann Nicolai

List of Publications by Year
in descending order

23	387	1040056	752698
papers	citations	9	20
		h-index	g-index

25	25	25	112
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hyperbolic Kac–Moody algebras and chaos in Kaluza–Klein models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 509, 323-330.	4.1	130
2	Hidden symmetries and the fermionic sector of eleven-dimensional supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 634, 319-324.	4.1	55
3	Higher-order M-theory corrections and the Kac–Moody algebra E 10. Classical and Quantum Gravity, 2005, 22, 2849-2879.	4.0	49
4	Supersymmetric quantum cosmological billiards. Physical Review D, 2009, 80, .	4.7	43
5	Supersymmetric Yang–Mills theories:not quite the usual perspective. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 174001.	2.1	15
6	Standard model fermions and $N=8$ supergravity. Physical Review D, 2015, 91, .	4.7	13
7	$\mathcal{N}=4$ super-Yang-Mills correlators without anticommuting variables. Physical Review D, 2020, 101, .	4.7	12
8	Standard Model Fermions and Infinite-Dimensional R Symmetries. Physical Review Letters, 2018, 121, 091601.	7.8	11
9	MAXIMAL SUPERGRAVITIES AND THE E10 COSET MODEL. International Journal of Modern Physics D, 2006, 15, 1619-1642.	2.1	9
10	Standard model fermions and K(E10). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 251-254.	4.1	8
11	Perturbative linearization of supersymmetric Yang-Mills theory. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
12	Editorial on the GRG special issue on dark energy. General Relativity and Gravitation, 2008, 40, 219-220.	2.0	6
13	Supermassive gravitinos and giant primordial black holes. Physical Review D, 2020, 102, .	4.7	5
14	Perturbative linearization of super-Yang-Mills theories in general gauges. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
15	A perturbative expansion scheme for supermembrane and matrix theory. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
16	Higher Spin Representations of K(E10). , 2017, , 25-38.		4
17	Editorial note: The issue of plagiarism. General Relativity and Gravitation, 2007, 39, 1969-1970.	2.0	3
18	Superheavy gravitinos and ultra-high energy cosmic rays. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 041-041.	5.4	3

#	Article	IF	Citations
19	Origin and growth of primordial black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 819, 136468.	4.1	2
20	Preface to the GRG special issue on quantum gravity. General Relativity and Gravitation, 2009, 41, 673-673.	2.0	1
21	Complexity and the Big Bang. Classical and Quantum Gravity, 2021, 38, 187001.	4.0	1
22	HIDDEN SYMMETRIES, COSMOLOGICAL SINGULARITIES AND THE $E_{10}/K(E_{10})$ SIGMA MODEL. , 2008, , .		0
23	The E10 Wheeler-DeWitt operator at low levels. Journal of High Energy Physics, 2022, 2022, .	4.7	0