Sergio Ferrara

List of Publications by Year
in descending order

43 papers	2,233 citations	361413 20 h-index	345221 36 g-index
43 all docs	43 docs citations	43 times ranked	717 citing authors

#	Article	IF	Citations
1	Black holes and critical points in moduli space. Nuclear Physics B, 1997, 500, 75-93.	2.5	464
2	Minimal supergravity models of inflation. Physical Review D, 2013, 88, .	4.7	284
3	Superconformal symmetry, NMSSM, and inflation. Physical Review D, 2011, 83, .	4.7	184
4	Cosmology with nilpotent superfields. Journal of High Energy Physics, 2014, 2014, 1.	4.7	173
5	Jordan frame supergravity and inflation in the NMSSM. Physical Review D, 2010, 82, .	4.7	147
6	CHARGE ORBITS OF SYMMETRIC SPECIAL GEOMETRIES AND ATTRACTORS. International Journal of Modern Physics A, 2006, 21, 5043-5097.	1.5	130
7	U DUALITY AND CENTRAL CHARGES IN VARIOUS DIMENSIONS REVISITED. International Journal of Modern Physics A, 1998, 13, 431-492.	1.5	98
8	On the moduli space of non-BPS attractors for $\mathcal{N}=2$ symmetric manifolds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 111-117.	4.1	79
9	N=8attractors. Physical Review D, 2006, 73, .	4.7	78
10	On the supersymmetric completion of R + R 2 gravity and cosmology. Journal of High Energy Physics, 2013, 2013, 1.	4.7	58
11	4d/5d correspondence for the black hole potential and its critical points. Classical and Quantum Gravity, 2007, 24, 5651-5666.	4.0	55
12	U-invariants, black-hole entropy and fixed scalars. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 403, 12-19.	4.1	54
13	Magic supergravities,N=8and black hole composites. Physical Review D, 2006, 74, .	4.7	49
14	$d=4$attractors, effective horizon radius, and fake supergravity. Physical Review D, 2008, 78, .	4.7	38
15	Freudenthal duality and generalized special geometry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 640-645.	4.1	32
16	Degeneration of groups of type E 7 and minimal coupling in supergravity. Journal of High Energy Physics, 2012, 2012, 1.	4.7	32
17	Creation of matter in the universe and groups of type E7. Journal of High Energy Physics, 2011, 2011, 1.	4.7	25
18	The imaginary Starobinsky model and higher curvature corrections. Fortschritte Der Physik, 2015, 63, 2-11.	4.4	25

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19	â„›2 supergravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	23
20	Two-centered magical charge orbits. Journal of High Energy Physics, 2011, 2011, 1.	4.7	21
21	Two-center black holes duality-invariants for <i>stu</i> model and its lower-rank descendants. Journal of Mathematical Physics, 2011, 52, .	1.1	20
22	Observations on arithmetic invariants and U-duality orbits in $ mathcal {N} $ = 8 supergravity. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
23	On the topology of the inflaton field in minimal supergravity models. Journal of High Energy Physics, 2014, 2014, 1.	4.7	17
24	Conjecture on hidden superconformal symmetry of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi><mml:mo mathvariant="bold">=</mml:mo><mml:mn>4</mml:mn></mml:math>supergravity. Physical Review D, 2013, 87, .	4.7	15
25	N=2supersymmetry andU(1)-duality. Physical Review D, 2012, 85, .	4.7	14
26	Dualities near the horizon. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
27	Super-Ehlers in any dimension. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12
28	On invariant structures of black hole charges. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12
29	Constitutive relations and Schrödinger's formulation of nonlinear electromagnetic theories. Journal of High Energy Physics, 2013, 2013, 1.	4.7	12
30	Observations on the Darboux coordinates for rigid special geometry. Journal of High Energy Physics, 2006, 2006, 008-008.	4.7	11
31	Matrix norms, BPS bounds and marginal stability in $ mathcal{N} = 8 $ supergravity. Journal of High Energy Physics, 2010, 2010, 1.	4.7	10
32	Black Hole Attractors in Extended Supergravity. AIP Conference Proceedings, 2007, , .	0.4	9
33	Small black hole constituents and horizontal symmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	7
34	d-geometries revisited. Journal of High Energy Physics, 2013, 2013, 1.	4.7	6
35	R Symmetry and the Topological Twist of N = 2 Effective Supergravities of Heterotic Strings. International Journal of Modern Physics A, 1997, 12, 379-418.	1.5	3
36	Multi-centered first order formalism. Journal of High Energy Physics, 2013, 2013, 1.	4.7	3

#	Article	IF	Citations
37	Updates in Local Supersymmetry and Its Spontaneous Breaking. , 2007, , .		1
38	Present Status of Supersymmetry. , 2007, , .		0
39	Supergravity: Foundations and Applications. , 2011, , .		0
40	Perturbative and Non-Perturbative Aspects of N = 8 Supergravity. , 2013, , .		0
41	Black holes and supersymmetry. Modern Physics Letters A, 2014, 29, 1430037.	1.2	0
42	Quantum Gravity Needs Supersymmetry. , 2013, , .		0
43	Black holes and Supersymmetry. , 2014, , .		0