

# Sergio Ferrara

## List of Publications by Year in descending order

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43  
papers

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citations

361413

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345221

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g-index

43  
all docs

43  
docs citations

43  
times ranked

717  
citing authors

#	ARTICLE	IF	CITATIONS
1	$\hat{a},,2$ supergravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	23
2	The imaginary Starobinsky model and higher curvature corrections. Fortschritte Der Physik, 2015, 63, 2-11.	4.4	25
3	Black holes and supersymmetry. Modern Physics Letters A, 2014, 29, 1430037.	1.2	0
4	Cosmology with nilpotent superfields. Journal of High Energy Physics, 2014, 2014, 1.	4.7	173
5	On the topology of the inflaton field in minimal supergravity models. Journal of High Energy Physics, 2014, 2014, 1.	4.7	17
6	Black holes and Supersymmetry. , 2014, , .		0
7	Multi-centered first order formalism. Journal of High Energy Physics, 2013, 2013, 1.	4.7	3
8	Constitutive relations and Schrödinger's formulation of nonlinear electromagnetic theories. Journal of High Energy Physics, 2013, 2013, 1.	4.7	12
9	d-geometries revisited. Journal of High Energy Physics, 2013, 2013, 1.	4.7	6
10	On the supersymmetric completion of R + R <sup>2</sup> gravity and cosmology. Journal of High Energy Physics, 2013, 2013, 1.	4.7	58
11	Dualities near the horizon. Journal of High Energy Physics, 2013, 2013, 1.	4.7	14
12	Perturbative and Non-Perturbative Aspects of $N = 8$ Supergravity. , 2013, , .		0
13	Conjecture on hidden superconformal symmetry of $N = 4$ supergravity. Physical Review D, 2013, 87, .	4.7	15
14	Minimal supergravity models of inflation. Physical Review D, 2013, 88, .	4.7	284
15	Quantum Gravity Needs Supersymmetry. , 2013, , .		0
16	Super-Ehlers in any dimension. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12
17	$N=2$ supersymmetry and $U(1)$ -duality. Physical Review D, 2012, 85, .	4.7	14
18	On invariant structures of black hole charges. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12

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19	Degeneration of groups of type E 7 and minimal coupling in supergravity. Journal of High Energy Physics, 2012, 2012, 1.	4.7	32
20	Superconformal symmetry, NMSSM, and inflation. Physical Review D, 2011, 83, .	4.7	184
21	Freudenthal duality and generalized special geometry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 701, 640-645.	4.1	32
22	Two-centered magical charge orbits. Journal of High Energy Physics, 2011, 2011, 1.	4.7	21
23	Small black hole constituents and horizontal symmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	7
24	Creation of matter in the universe and groups of type E7. Journal of High Energy Physics, 2011, 2011, 1.	4.7	25
25	Two-center black holes duality-invariants for $\langle i \rangle$ model and its lower-rank descendants. Journal of Mathematical Physics, 2011, 52, .	1.1	20
26	Supergravity: Foundations and Applications. , 2011, , .		0
27	Observations on arithmetic invariants and U-duality orbits in $\mathcal{N} = 8$ supergravity. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
28	Matrix norms, BPS bounds and marginal stability in $\mathcal{N} = 8$ supergravity. Journal of High Energy Physics, 2010, 2010, 1.	4.7	10
29	Jordan frame supergravity and inflation in the NMSSM. Physical Review D, 2010, 82, .	4.7	147
30	$d=4$ attractors, effective horizon radius, and fake supergravity. Physical Review D, 2008, 78, .	4.7	38
31	4d/5d correspondence for the black hole potential and its critical points. Classical and Quantum Gravity, 2007, 24, 5651-5666.	4.0	55
32	Black Hole Attractors in Extended Supergravity. AIP Conference Proceedings, 2007, , .	0.4	9
33	Present Status of Supersymmetry. , 2007, , .		0
34	On the moduli space of non-BPS attractors for $N=2$ symmetric manifolds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 111-117.	4.1	79
35	Updates in Local Supersymmetry and Its Spontaneous Breaking. , 2007, , .		1
36	$N=8$ attractors. Physical Review D, 2006, 73, .	4.7	78

#	ARTICLE	IF	CITATIONS
37	Magic supergravities, N=8 and black hole composites. Physical Review D, 2006, 74, .	4.7	49
38	Observations on the Darboux coordinates for rigid special geometry. Journal of High Energy Physics, 2006, 2006, 008-008.	4.7	11
39	CHARGE ORBITS OF SYMMETRIC SPECIAL GEOMETRIES AND ATTRACTORS. International Journal of Modern Physics A, 2006, 21, 5043-5097.	1.5	130
40	U DUALITY AND CENTRAL CHARGES IN VARIOUS DIMENSIONS REVISITED. International Journal of Modern Physics A, 1998, 13, 431-492.	1.5	98
41	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
42	Black holes and critical points in moduli space. Nuclear Physics B, 1997, 500, 75-93.	2.5	464
43	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