

Alberto Lerda

List of Publications by Year in descending order

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2,346
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186209
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times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure Constants in $\mathcal{N}=2$ Superconformal Quiver Theories at Strong Coupling and Holography. Physical Review Letters, 2022, 126	2.9	8
2	Two-point correlators in $\mathcal{N}=2$ gauge theories. Nuclear Physics B, 2018, 926, 427-466.	0.9	45
3	Non-perturbative studies of $\mathcal{N}=2$ conformal quiver gauge theories. Fortschritte Der Physik, 2015, 63, 259-293.	1.5	10
4	Modular anomaly equations in $\mathcal{N}=2$ theories and their large- N limit. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
5	Deformed $\mathcal{N}=2$ theories, generalized recursion relations and S-duality. Journal of High Energy Physics, 2013, 2013, 1.	1.6	47
6	Modular anomaly equation, heat kernel and S-duality in $\mathcal{N}=2$ theories. Journal of High Energy Physics, 2013, 2013, 1.	1.6	39
7	Non-perturbative gauge/gravity correspondence in $\mathcal{N}=2$ theories. Journal of High Energy Physics, 2012, 2012, 1.	1.6	32
8	Non-perturbative gauge couplings from holography. Fortschritte Der Physik, 2012, 60, 907-913.	1.5	0
9	The exact 8d chiral ring from 4d recursion relations. Journal of High Energy Physics, 2011, 2011, 1.	1.6	13
10	Stringy instanton effects in $\mathcal{N}=2$ gauge theories. Journal of High Energy Physics, 2011, 2011, 1.	1.6	9
11	Holographic non-perturbative corrections to gauge couplings. Journal of High Energy Physics, 2011, 2011, 1.	1.6	12
12	Stringy instanton corrections to $\mathcal{N}=2$ gauge couplings. Journal of High Energy Physics, 2010, 2010, 1.	1.6	23
13	F-theoretic vs microscopic description of a conformal $\mathcal{N}=2$ SYM theory. Journal of High Energy Physics, 2010, 2010, 1.	1.6	27
14	Exotic instanton counting and heterotic/type IIA duality. Journal of High Energy Physics, 2009, 2009, 092-092.	1.6	38
15	Classical solutions for exotic instantons?. Journal of High Energy Physics, 2009, 2009, 056-056.	1.6	14
16	Non-perturbative effective interactions from fluxes. Journal of High Energy Physics, 2008, 2008, 102-102.	1.6	27
17	Flux interactions on D-branes and instantons. Journal of High Energy Physics, 2008, 2008, 112-112.	1.6	45
18	Instantons in $\mathcal{N}=2$ magnetized D-brane worlds. Journal of High Energy Physics, 2007, 2007, 091-091.	1.6	38

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19	Instanton effects in $\nu = 1$ brane models and the Kähler metric of twisted matter. Journal of High Energy Physics, 2007, 2007, 051-051.	1.6	43
20	Stringy instantons at orbifold singularities. Journal of High Energy Physics, 2007, 2007, 067-067.	1.6	95
21	$N = 2$ Instanton Calculus in Closed String Background. Progress of Theoretical Physics Supplement, 2007, 171, 279-290.	0.2	3
22	Brane world effective actions for D-branes with fluxes. Nuclear Physics B, 2006, 743, 1-40.	0.9	78
23	Instanton calculus in R-R background and the topological string. Journal of High Energy Physics, 2006, 2006, 012-012.	1.6	86
24	Non-commutative (D)-instantons. Journal of High Energy Physics, 2006, 2006, 069-069.	1.6	9
25	Script $N = 1/2$ quiver gauge theories from open strings with R-R fluxes. Journal of High Energy Physics, 2005, 2005, 047-047.	1.6	30
26	$N=1/2$ gauge theory and its instanton moduli space from open strings in R-R background. Journal of High Energy Physics, 2004, 2004, 023-023.	1.6	53
27	Gauge instantons from open strings. Fortschritte Der Physik, 2004, 52, 606-611.	1.5	6
28	Classical gauge instantons from open strings. Journal of High Energy Physics, 2003, 2003, 045-045.	1.6	131
29	Non-perturbative gauge superpotentials from supergravity. Journal of High Energy Physics, 2003, 2003, 051-051.	1.6	7
30	More anomalies from fractional branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 540, 104-110.	1.5	32
31	Fractional D-branes and their gauge duals. Journal of High Energy Physics, 2001, 2001, 014-014.	1.6	90
32	STABLE NON-BPS STATES IN STRING THEORY: A PEDAGOGICAL REVIEW. International Journal of Modern Physics A, 2000, 15, 771-819.	0.5	67
33	THE LORENTZ FORCE BETWEEN D_0 AND D_6 BRANES IN STRING AND M(ATR)IX THEORY. Modern Physics Letters A, 1998, 13, 2977-2990.	0.5	16
34	Algebraic Bosonization: The Study of the Heisenberg and Calogero-Sutherland Models. International Journal of Modern Physics A, 1997, 12, 4611-4661.	0.5	8
35	The Extended Conformal Theory of Luttinger Systems. International Journal of Modern Physics A, 1997, 12, 1113-1122.	0.5	2
36	Classical p-branes from boundary state. Nuclear Physics B, 1997, 507, 259-276.	0.9	175

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37	Scattering of closed strings from many D-branes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 400, 52-62.	1.5	68
38	String techniques for the calculation of renormalization constants in field theory. Nuclear Physics B, 1996, 469, 235-286.	0.9	84
39	String-derived renormalization of Yang-Mills theory. Nuclear Physics, Section B, Proceedings Supplements, 1996, 49, 85-95.	0.5	1
40	Two-loop scalar diagrams from string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 65-76.	1.5	28
41	Renormalization Constants from String Theory. , 1996, , 105-119.		1
42	Gauge theory renormalizations from the open bosonic string. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 351, 445-454.	1.5	22
43	The $W_1 + \hat{z}$ effective theory of the Calogero-Sutherland model and Luttinger systems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 304-313.	1.5	13
44	A field-theory approach to the t-j model and the spin-charge separation. Nuclear Physics B, 1994, 428, 629-654.	0.9	0
45	Anyons and quantum groups. Nuclear Physics B, 1993, 401, 613-643.	0.9	71
46	Slave anyons in the t-J model at the supersymmetric point. Nuclear Physics B, 1993, 410, 577-616.	0.9	9
47	Topological first-order systems with Landau-Ginzburg interactions. Nuclear Physics B, 1992, 387, 333-372.	0.9	26
48	Exact multi-anyon wave functions in a magnetic field. Nuclear Physics B, 1992, 370, 601-635.	0.9	54
49	Magnetic moment and third virial of non-relativistic anyons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 277, 474-480.	1.5	7
50	Anomalies in covariant W-gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 265, 72-78.	1.5	4
51	$N=2$ minimal models on Riemann surfaces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 254, 381-385.	1.5	8
52	LANDAU LEVELS AND VERTEX OPERATIONS FOR ANYONS. Modern Physics Letters A, 1991, 06, 2819-2826.	0.5	27
53	ANYONS IN A MAGNETIC FIELD: LANDAU LEVELS AND VERTEX OPERATOR REPRESENTATION. International Journal of Modern Physics B, 1991, 05, 1675-1684.	1.0	17
54	Free field representation for WZNW models on Riemann surfaces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 453-464.	1.5	13

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55	Covariant form for the conserved currents of the sine-Gordon and Liouville theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 250, 102-106.	1.5	1
56	Renormalization group flows in models with exponential interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 234, 88-92.	1.5	11
57	N-point g-loop vertex for a fermionic theory with arbitrary spin. <i>Nuclear Physics B</i> , 1990, 333, 635-700.	0.9	25
58	Renormalization group flows in generalized Toda field theories. <i>Nuclear Physics B</i> , 1990, 346, 264-292.	0.9	8
59	Stress tensor correlations and the c-theorem in models with exponential interactions. <i>Nuclear Physics B</i> , 1990, 342, 564-588.	0.9	11
60	Operator formalism and free field representation for minimal models on Riemann surfaces. <i>Nuclear Physics B</i> , 1990, 338, 415-441.	0.9	12
61	Gravitational corrections to Yang-Mills Chern-Simons terms. <i>Physical Review Letters</i> , 1989, 62, 1217-1220.	2.9	5
62	Multiloop string vertices from the path integral. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 217, 451-457.	1.5	3
63	Minimal models on Riemann surfaces. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989, 228, 205-213.	1.5	22
64	N-point g-loop vertex for a free bosonic theory with vacuum charge Q. <i>Nuclear Physics B</i> , 1989, 322, 317-372.	0.9	88
65	N-string, g-loop vertex for the bosonic string. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 206, 643-649.	1.5	45
66	N-string, g-loop vertex for the fermionic string. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 211, 301-307.	1.5	62
67	BRST invariant operator formalism for the superstring. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 205, 250-256.	1.5	28
68	N-string vertex and loop calculation in the bosonic string. <i>Nuclear Physics B</i> , 1988, 298, 526-556.	0.9	53
69	Critical dimensions for strungs on group-manifolds from path-integral methods. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 189, 34-38.	1.5	16
70	A simple expression for the multiloop amplitude in the bosonic string. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987, 199, 49-56.	1.5	81
71	Five-dimensional gravitational super Chern-Simons terms. <i>Physical Review D</i> , 1986, 34, 1744-1748.	1.6	2
72	Analytic determination of the SU 2 lattice gauge theory stable under Migdal-Kadanoff renormalization. <i>Il Nuovo Cimento A</i> , 1985, 88, 202-212.	0.2	1

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73	Covariant canonical formalism for supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 161, 294-296.	1.5	19
74	The group manifold hamiltonian for supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 161, 297-300.	1.5	17