

Dmitri Sorokin

List of Publications by Year in descending order

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35
papers

2,008
citations

331670

21
h-index

414414

32
g-index

35
all docs

35
docs citations

35
times ranked

471
citing authors

#	ARTICLE	IF	CITATIONS
1	Covariant Action for the Super-Five-Brane of MTheory. Physical Review Letters, 1997, 78, 4332-4334.	7.8	301
2	Covariant action for a D = 11 five-brane with the chiral field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 398, 41-46.	4.1	263
3	Lorentz-invariant actions for chiral p-forms. Physical Review D, 1997, 55, 6292-6298.	4.7	202
4	Superbranes and superembeddings. Physics Reports, 2000, 329, 1-101.	25.6	156
5	Superparticle models with tensorial central charges. Physical Review D, 2000, 61, .	4.7	99
6	The complete $AdS_4 \times CP^3$ superspace for the type IIA superstring and D-branes. Journal of High Energy Physics, 2009, 2009, 015-015.	4.7	99
7	On the equivalence of different formulations of the M theory five-brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 408, 135-141.	4.1	89
8	The superembedding origin of the Berkovits pure spinor covariant quantization of superstrings. Nuclear Physics B, 2002, 639, 182-202.	2.5	77
9	Covariant actions for the bosonic sector of IIB supergravity. Classical and Quantum Gravity, 1997, 14, L195-L198.	4.0	71
10	Duality-symmetric eleven-dimensional supergravity and its coupling to M-branes. Nuclear Physics B, 1998, 522, 214-233.	2.5	71
11	M-theory superalgebra from the M-5-brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 265-273.	4.1	68
12	An index for the Dirac operator on D3 branes with background fluxes. Journal of High Energy Physics, 2005, 2005, 102-102.	4.7	56
13	On p-form gauge theories and their conformal limits. Journal of High Energy Physics, 2021, 2021, 1.	4.7	47
14	On gauge-fixed superbrane actions in AdS superbackgrounds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 251-256.	4.1	38
15	Evidence for the classical integrability of the complete $AdS_4 \times CP^3$ superstring. Journal of High Energy Physics, 2010, 2010, 1.	4.7	38
16	On the Superconformal Flatness of AdS Superspaces. Journal of High Energy Physics, 2002, 2002, 040-040.	4.7	37
17	String instanton in $AdS_4 \times CP^3$. Journal of High Energy Physics, 2010, 2010, 1.	4.7	36
18	Dirac action on M5 and M2 branes with bulk fluxes. Journal of High Energy Physics, 2005, 2005, 005-005.	4.7	34

#	ARTICLE	IF	CITATIONS
19	Duality of self-dual actions. Nuclear Physics B, 1999, 539, 438-452.	2.5	33
20	The type IIA NS5-brane. Nuclear Physics B, 2000, 586, 315-330.	2.5	33
21	Supersymmetric and \hat{p} -invariant coincident D0-branes. Journal of High Energy Physics, 2003, 2003, 055-055.	4.7	22
22	Superembeddings, partial supersymmetry breaking and superbranes. Nuclear Physics B, 2000, 591, 109-138.	2.5	20
23	The M5-brane action revisited. Journal of High Energy Physics, 2013, 2013, 1.	4.7	20
24	Q7-branes and their coupling to IIB supergravity. Journal of High Energy Physics, 2007, 2007, 079-079.	4.7	19
25	Bagger-Lambert-Gustavsson-motivated Lagrangian formulation for the chiral two-form gauge field in D=6 and M5-branes. Physical Review D, 2009, 80, .	4.7	18
26	Covariant actions for models with nonlinear twisted self-duality. Physical Review D, 2012, 86, .	4.7	17
27	Aspects of D-brane dynamics in supergravity backgrounds with fluxes, kappa-symmetry and equations of motion. Part IIB. Nuclear Physics B, 2006, 759, 399-446.	2.5	13
28	Duality-symmetric actions for non-Abelian tensor fields. Physical Review D, 2013, 88, .	4.7	9
29	On the BRST Quantization of the Massless Bosonic Particle in Twistor-Like Formulation. International Journal of Modern Physics A, 1997, 12, 3259-3273.	1.5	8
30	WORLDLINE SUPERFIELD ACTIONS FOR N=2 SUPERPARTICLES. International Journal of Modern Physics A, 1999, 14, 1975-1995.	1.5	5
31	Harmonics, notophs and chiral bosons. , 1999, , 97-105.		3
32	Geometrical Aspects of Superbrane Dynamics. Fortschritte Der Physik, 2001, 49, 649-656.	4.4	3
33	BLG and M5. Physics of Particles and Nuclei Letters, 2011, 8, 209-217.	0.4	3
34	HYPERPARTICLES, TWISTORS AND ANY SPINS. International Journal of Geometric Methods in Modern Physics, 2012, 09, 1261012.	2.0	0
35	Actions for Duality-Symmetric Fields. Lecture Notes in Physics, 2000, , 404-405.	0.7	0