

Dmytro Sorokin

List of Publications by Year in descending order

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51
papers

2,671
citations

159358

30
h-index

182168

51
g-index

52
all docs

52
docs citations

52
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	On p-form gauge theories and their conformal limits. Journal of High Energy Physics, 2021, 2021, 1.	1.6	47
2	ModMax meets Susy. Journal of High Energy Physics, 2021, 2021, 1.	1.6	32
3	Nonlinear duality-invariant conformal extension of Maxwell's equations. Physical Review D, 2020, 102, .	1.6	103
4	Spontaneously broken 3d Hietarinta/Maxwell Chern-Simons theory and minimal massive gravity. European Physical Journal C, 2020, 80, 1.	1.4	17
5	Three-dimensional (higher-spin) gravities with extended Schrödinger and I-conformal Galilean symmetries. Journal of High Energy Physics, 2019, 2019, 1.	1.6	21
6	Hamiltonian analysis of mimetic scalar gravity revisited. Physical Review D, 2019, 99, .	1.6	26
7	How many fluxes fit in an EFT?. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
8	Supermembranes and domain walls in $\mathcal{N} = 1, D = 4$ SYM. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
9	Supersymmetric reducible higher-spin multiplets in various dimensions. Nuclear Physics B, 2018, 929, 216-242.	0.9	13
10	Three-forms, dualities and membranes in four-dimensional supergravity. Journal of High Energy Physics, 2018, 2018, 1.	1.6	31
11	Can Chern-Simons or Rarita-Schwinger be a Volkov-Akulov Goldstone?. Journal of High Energy Physics, 2018, 2018, 1.	1.6	19
12	Higher Spin Fields in Hyperspace. A Review. Universe, 2018, 4, 7.	0.9	11
13	Three-forms in supergravity and flux compactifications. European Physical Journal C, 2017, 77, 1.	1.4	44
14	The goldstino brane, the constrained superfields and matter in $\mathcal{N} = 1$ supergravity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	47
15	Fermionic higher-spin triplets in AdS. Nuclear Physics B, 2016, 907, 633-645.	0.9	6
16	Correlation functions of $Sp(2n)$ invariant higher-spin systems. Journal of High Energy Physics, 2016, 2016, 1.	1.6	4
17	Brane induced supersymmetry breaking and de Sitter supergravity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	55
18	T-duality of Green-Schwarz superstrings on $AdS_{d-1} \times S^1 \times M^{10-d}$. Journal of High Energy Physics, 2015, 2015, 1-52.	1.6	12

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19	Higher spins in hyper-superspace. Nuclear Physics B, 2015, 890, 279-301.	0.9	12
20	Higher spins in hyperspace. Journal of High Energy Physics, 2014, 2014, 1.	1.6	19
21	The M5-brane action revisited. Journal of High Energy Physics, 2013, 2013, 1.	1.6	20
22	Covariant actions for models with nonlinear twisted self-duality. Physical Review D, 2012, 86, .	1.6	17
23	More on integrable structures of superstrings in AdS ₄ × CP ³ and AdS ₂ × S ² × T ⁶ superbackgrounds. Journal of High Energy Physics, 2012, 2012, 1.	1.6	28
24	Superstrings in AdS ₂ × S ² × T ⁶ . Journal of Physics A: Mathematical and Theoretical, 2011, 44, 275401.	0.7	39
25	String instanton in AdS ₄ × CP ³ . Journal of High Energy Physics, 2010, 2010, 1.	1.6	36
26	Evidence for the classical integrability of the complete AdS ₄ × CP ³ superstring. Journal of High Energy Physics, 2010, 2010, 1.	1.6	38
27	Simplifying superstring and D-brane actions in AdS ₄ × CP ³ superbackground. Journal of High Energy Physics, 2009, 2009, 060-060.	1.6	59
28	The complete AdS ₄ × CP ³ superspace for the type IIA superstring and D-branes. Journal of High Energy Physics, 2009, 2009, 015-015.	1.6	99
29	Bagger-Lambert-Gustavsson-motivated Lagrangian formulation for the chiral two-form gauge field in D=6 and M5-branes. Physical Review D, 2009, 80, .	1.6	18
30	Dirac action on M5 and M2 branes with bulk fluxes. Journal of High Energy Physics, 2005, 2005, 005-005.	1.6	34
31	Dynamics of higher spin fields and tensorial space. Journal of High Energy Physics, 2005, 2005, 031-031.	1.6	53
32	Superfield Theories in Tensorial Superspaces and the Dynamics of Higher Spin Fields. Journal of High Energy Physics, 2004, 2004, 023-023.	1.6	31
33	Higher spins from tensorial charges and OSp(N 2n) symmetry. Journal of High Energy Physics, 2003, 2003, 013-013.	1.6	43
34	On the Superconformal Flatness of AdS Superspaces. Journal of High Energy Physics, 2002, 2002, 040-040.	1.6	37
35	The superembedding origin of the Berkovits pure spinor covariant quantization of superstrings. Nuclear Physics B, 2002, 639, 182-202.	0.9	77
36	Geometrical Aspects of Superbrane Dynamics. Fortschritte Der Physik, 2001, 49, 649-656.	1.5	3

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37	Superbranes and superembeddings. <i>Physics Reports</i> , 2000, 329, 1-101.	10.3	156
38	Superparticle models with tensorial central charges. <i>Physical Review D</i> , 2000, 61, .	1.6	99
39	OSp supergroup manifolds, superparticles, and supertwistors. <i>Physical Review D</i> , 2000, 61, .	1.6	37
40	The type IIA NS5-brane. <i>Nuclear Physics B</i> , 2000, 586, 315-330.	0.9	33
41	Superembeddings, partial supersymmetry breaking and superbranes. <i>Nuclear Physics B</i> , 2000, 591, 109-138.	0.9	20
42	WORLDLINE SUPERFIELD ACTIONS FOR N=2 SUPERPARTICLES. <i>International Journal of Modern Physics A</i> , 1999, 14, 1975-1995.	0.5	5
43	On gauge-fixed superbrane actions in AdS superbackgrounds. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 447, 251-256.	1.5	38
44	Duality of self-dual actions. <i>Nuclear Physics B</i> , 1999, 539, 438-452.	0.9	33
45	Duality-symmetric eleven-dimensional supergravity and its coupling to M-branes. <i>Nuclear Physics B</i> , 1998, 522, 214-233.	0.9	71
46	Covariant actions for the bosonic sector of IIB supergravity. <i>Classical and Quantum Gravity</i> , 1997, 14, L195-L198.	1.5	71
47	Lorentz-invariant actions for chiral p-forms. <i>Physical Review D</i> , 1997, 55, 6292-6298.	1.6	202
48	Covariant Action for the Super-Five-Brane of MTheory. <i>Physical Review Letters</i> , 1997, 78, 4332-4334.	2.9	301
49	M-theory superalgebra from the M-5-brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 412, 265-273.	1.5	68
50	Covariant action for a D = 11 five-brane with the chiral field. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 398, 41-46.	1.5	263
51	On the equivalence of different formulations of the M theory five-brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 408, 135-141.	1.5	89