

Dmitriy Uvarov

List of Publications by Year in descending order

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papers

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all docs

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docs citations

31
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Oscillator approach to quantization of $AdS_5 \times S^5$ superparticle in twistor formulation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 815, 136132.	4.1	3
2	Multitwistor mechanics of massless superparticle on $AdS_5 \times S^5$ superbackground. Nuclear Physics B, 2020, 950, 114830.	2.5	3
3	Spinning particle interacting with electromagnetic and antisymmetric gauge fields in anti-de Sitter space. European Physical Journal C, 2019, 79, 1.	3.9	1
4	Features of the twistor formulation of the massless superparticle on $AdS_5 \times S^5$ superbackground. Journal of Physics: Conference Series, 2019, 1416, 012039.	0.4	0
5	Supertwistor formulation for massless superparticle in $AdS_5 \times S^5$ superspace. Nuclear Physics B, 2018, 936, 690-713.	2.5	10
6	Massless spinning particle and null-string on AdS_4 : projective-space approach. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 285402.	2.1	3
7	Spinor description of the curvatures of $D = 5$ gauge fields. Physics of Particles and Nuclei Letters, 2017, 14, 379-381.	0.4	0
8	Ambitwistors, oscillators and massless fields on AdS_5 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 415-420.	4.1	9
9	Spinor description of $D = 5$ massless low-spin gauge fields. Classical and Quantum Gravity, 2016, 33, 135010.	4.0	11
10	On integrability of $D=0$ -brane equations on $AdS_4 \times S^5$ superbackground. Journal of Physics: Conference Series, 2014, 482, 012043.	0.4	0
11	ON INTEGRABILITY OF MASSLESS $AdS_4 \times S^3$ SUPERPARTICLE EQUATIONS. Modern Physics Letters A, 2014, 29, 1350183.	1.2	1
12	Conformal higher-spin symmetries in twistor string theory. Nuclear Physics B, 2014, 889, 207-227.	2.5	4
13	Lagrangian mechanics of massless superparticle on superbackground. Nuclear Physics B, 2013, 867, 354-369.	2.5	2
14	KALUZA-KLEIN GAUGE AND MINIMAL INTEGRABLE EXTENSION OF $OSp(4 6)/(SO(1,3) \times U(3))$ SIGMA-MODEL. International Journal of Modern Physics A, 2012, 27, 1250118.	1.5	4
15	Light-cone gauge formulation for $AdS_4 \times S^3$ superstring. Physics of Particles and Nuclei Letters, 2011, 8, 272-278.	0.4	2
16	$D = 3$ superconformal symmetry of the $\{m AdS\}_4 \times \mathbb{CP}^3$ superstring. Classical and Quantum Gravity, 2011, 28, 235010.	4.0	4
17	LIGHT-CONE GAUGE HAMILTONIAN FOR $AdS_4 \times S^3$ SUPERSTRING. Modern Physics Letters A, 2010, 25, 1251-1265.	1.2	19
18	superstring in the light-cone gauge. Nuclear Physics B, 2010, 826, 294-312.	2.5	23

#	ARTICLE	IF	CITATIONS
19	Canonical description of the $D = 10$ superstring formulated in supertwistor space. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 115204. <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">$\text{AdS}_{4 \times \text{AdS}}$</math>	2.1	2
20	$$ <math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">$D_{3 \times 3}$</math>	4.7	11
21	GAUGE SYMMETRIES OF STRINGS IN SUPERTWISTOR SPACE. International Journal of Modern Physics A, 2007, 22, 1663-1683.	1.5	5
22	Supertwistor formulation for higher-dimensional superstrings. Classical and Quantum Gravity, 2007, 24, 5383-5400.	4.0	9
23	(Super)twistors and (super)strings. Classical and Quantum Gravity, 2006, 23, 2711-2725.	4.0	12
24	Quantum BRST Charge and $OSp(1 \hat{=} 8)$ Superalgebra of Twistor-Like p-branes with Exotic Supersymmetry and Weyl Symmetry. AIP Conference Proceedings, 2005, , .	0.4	0
25	QUANTUM TWISTOR-LIKE p-BRANES WITH 3/4 OF $D = 4$, $N = 1$ SUPERSYMMETRY. Modern Physics Letters A, 2005, 20, 769-780.	1.2	4
26	Hamiltonian structure and noncommutativity in p-brane models with exotic supersymmetry. Journal of High Energy Physics, 2004, 2004, 063-063.	4.7	5
27	Extra gauge symmetry for extra supersymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 229-236.	4.1	8
28	$N = 2$ Supersymmetric Yang-Mills Theory and the Superparticle: Twistor Transform and \hat{I}^0 -Symmetry. Modern Physics Letters A, 2003, 18, 1611-1624.	1.2	3
29	Exactly solvable p-brane model with extra supersymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 545, 183-189.	4.1	15
30	$N=2$ massive superparticle: The minimality principle and \hat{I}^0 symmetry. Physical Review D, 1999, 61, .	4.7	5
31	k -Symmetry and anomalous magnetic moment of superparticles. JETP Letters, 1998, 67, 888-895.	1.4	4