

Pietro Grassi

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

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257450

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docs citations

96
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717
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#	ARTICLE	IF	CITATIONS
1	The $N=3 \rightarrow N=4$ enhancement of super Chern-Simons theories in $D=3$, Calabi HyperKähler metrics and M2-branes on the $C(N,1,0)$ conifold. Journal of Geometry and Physics, 2021, 160, 103962.	1.4	0
2	On forms, cohomology and BV Laplacians in odd symplectic geometry. Letters in Mathematical Physics, 2021, 111, 1.	1.1	3
3	Self-dual forms in supergeometry I: The chiral boson. Nuclear Physics B, 2021, 973, 115596.	2.5	6
4	Superstring field theory, superforms and supergeometry. Journal of Geometry and Physics, 2020, 148, 103559.	1.4	18
5	Chern-Simons supergravity on supergroup manifolds. Journal of High Energy Physics, 2020, 2020, 1.	4.7	0
6	Surface operators in superspace. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
7	Supersymmetric Wilson loops via integral forms. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
8	Super Chern-Simons theory: Batalin-Vilkovisky formalism and $\mathfrak{A}^{\mathbb{Z}}$ algebras. Physical Review D, 2020, 102, .	4.7	6
9	Pictures from super Chern-Simons theory. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
10	Crepant resolutions of $\hat{\mathfrak{a}}_{n,3} \hat{\mathfrak{z}}^4$ and the generalized Kronheimer construction (in view of the) $T_j \text{ETQ}0 0 0 \text{rgBT} / \text{Overlock} 10 \text{Tf} 50 382$	1.4	3
11	\mathfrak{A}_{∞} Algebra from Supermanifolds. Annales Henri Poincare, 2019, 20, 4163-4195.	1.7	10
12	The quantum theory of Chern-Simons supergravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
13	String Sigma Models on Curved Supermanifolds. Universe, 2018, 4, 60.	2.5	4
14	Wess-Zumino and super Yang-Mills theories in $D=4$ integral superspace. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
15	Super-Quantum Mechanics in the Integral Form Formalism. Annales Henri Poincare, 2018, 19, 1385-1417.	1.7	7
16	Integral representations on supermanifolds: super Hodge duals, PCOs and Liouville forms. Letters in Mathematical Physics, 2017, 107, 167-185.	1.1	15
17	The Integral Form of $D = 3$ Chern-Simons Theories Probing Singularities. Fortschritte Der Physik, 2017, 65, 1700040.	4.4	3
18	Multimetric supergravities. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8

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19	The integral form of supergravity. Journal of High Energy Physics, 2016, 2016, 1.	4.7	16
20	Hyperinstantons, the Beltrami equation, and triholomorphic maps. Fortschritte Der Physik, 2016, 64, 151-175.	4.4	3
21	Minimal D = 7 supergravity and the supersymmetry of Arnold-Beltrami flux branes. Journal of High Energy Physics, 2016, 2016, 1.	4.7	2
22	Chern-Simons theory on supermanifolds. Journal of High Energy Physics, 2016, 2016, 1.	4.7	9
23	Hodge dualities on supermanifolds. Nuclear Physics B, 2015, 899, 570-593.	2.5	21
24	The geometry of supermanifolds and new supersymmetric actions. Nuclear Physics B, 2015, 899, 112-148.	2.5	32
25	Fermionic corrections to fluid dynamics from BTZ black hole. Journal of High Energy Physics, 2015, 2015, 1.	4.7	4
26	Entropy current formalism for supersymmetric theories. Nuclear Physics B, 2015, 892, 105-131.	2.5	0
27	Fermions, wigs, and attractors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 263-268.	4.1	2
28	No fermionic wigs for BPS attractors in 5 dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 231-243.	4.1	0
29	A note on the field-theoretical description of superfluids. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 729, 172-176.	4.1	1
30	Supergravity actions with integral forms. Nuclear Physics B, 2014, 889, 419-442.	2.5	33
31	Fermionic wigs for AdS-Schwarzschild black holes. Journal of High Energy Physics, 2013, 2013, 1.	4.7	4
32	Fermionic wigs for BTZ black holes. Nuclear Physics B, 2013, 871, 393-402.	2.5	4
33	Supersymmetric fluid dynamics. Physical Review D, 2012, 85, .	4.7	3
34	PURE SPINOR FORMALISM FOR $\mathcal{N}=4$ BACKGROUNDS. International Journal of Modern Physics A, 2012, 27, 1250185.	1.5	16
35	ÄEch and de Rham cohomology of integral forms. Journal of Geometry and Physics, 2012, 62, 890-902.	1.4	21
36	Pure spinor integration from the collating formula. Nuclear Physics B, 2011, 849, 675-692.	2.5	3

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37	Fluid super-dynamics from black hole superpartners. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 703, 81-87.	4.1	6
38	Aspects of quantum fermionic T-duality. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	4
39	On projections to the pure spinor space. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	3
40	Theory of superdualities and the orthosymplectic supergroup. <i>Nuclear Physics B</i> , 2010, 825, 177-202.	2.5	10
41	Simplifying superstring and D-brane actions in $AdS_4 \times CP^3$ superbackground. <i>Journal of High Energy Physics</i> , 2009, 2009, 060-060.	4.7	59
42	Balanced superprojective varieties. <i>Journal of Geometry and Physics</i> , 2009, 59, 1363-1378.	1.4	8
43	Triality invariance in the $N=2$ superstring. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 678, 208-212.	4.1	5
44	Superstrings on $AdS_4 \times CP^3$ from supergravity. <i>Physical Review D</i> , 2009, 79, .	4.7	16
45	Y-formalism and curved systems. <i>Nuclear Physics B</i> , 2009, 806, 1-22.	2.5	0
46	Higher-loop amplitudes in the non-minimal pure spinor formalism. <i>Journal of High Energy Physics</i> , 2009, 2009, 089-089.	4.7	24
47	Exceptional $\mathfrak{g} = \mathfrak{e}_6$ and $\mathfrak{g} = \mathfrak{e}_7$ AdS_4 supergravity, and zero-center modules. <i>Journal of High Energy Physics</i> , 2009, 2009, 074-074.	4.7	17
48	Comments on 1/16 BPS quantum states and classical configurations. <i>Journal of High Energy Physics</i> , 2008, 2008, 049-049.	4.7	48
49	Exploring pure spinor string theory on $AdS_4 \times \hat{a}_{,,,\hat{a},,TM}^3$. <i>Journal of High Energy Physics</i> , 2008, 2008, 085-085.	4.7	66
50	Constrained supermanifolds for AdS M-theory backgrounds. <i>Journal of High Energy Physics</i> , 2008, 2008, 036-036.	4.7	4
51	Pure spinor superstrings on generic type IIA supergravity backgrounds. <i>Journal of High Energy Physics</i> , 2008, 2008, 059-059.	4.7	8
52	Pure spinor strings in TsT deformed background. <i>Journal of High Energy Physics</i> , 2007, 2007, 033-033.	4.7	11
53	Flux vacua and supermanifolds. <i>Journal of High Energy Physics</i> , 2007, 2007, 068-068.	4.7	8
54	Pure spinors, free differential algebras, and the supermembrane. <i>Nuclear Physics B</i> , 2007, 763, 1-34.	2.5	11

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55	Non-critical pure spinor superstrings. Journal of High Energy Physics, 2007, 2007, 091-091.	4.7	9
56	$N=2$ Superparticles, RR Fields, and Noncommutative Structures of (super)-Spacetime. , 2007, , .		0
57	Partition functions of pure spinors. Nuclear Physics B, 2006, 751, 53-74.	2.5	12
58	$N=2$ superparticles, RR fields, and noncommutative structures of (super)-spacetime. European Physical Journal C, 2006, 46, 13-20.	3.9	2
59	Lower-dimensional pure-spinor superstrings. Journal of High Energy Physics, 2005, 2005, 007-007.	4.7	13
60	The background field method and the linearization problem for Poisson manifolds. Nuclear Physics B, 2005, 706, 549-568.	2.5	1
61	Topological M-theory from pure spinor formalism. Advances in Theoretical and Mathematical Physics, 2005, 9, 285-313.	0.6	20
62	Instanton Calculations for $N=1/2$ super Yang-Mills Theory. Journal of High Energy Physics, 2004, 2004, 065-065.	4.7	23
63	Vertex Operators for Closed Superstrings. Journal of High Energy Physics, 2004, 2004, 071-071.	4.7	56
64	Landau background gauge fixing and the IR properties of Yang-Mills Green functions. Physical Review D, 2004, 70, .	4.7	37
65	Harmonic superspaces from superstrings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 271-278.	4.1	12
66	The quantum superstring as a WZNW model with $N=2$ superconformal symmetry. Nuclear Physics B, 2004, 676, 43-63.	2.5	27
67	Gauging cosets. Nuclear Physics B, 2004, 702, 189-206.	2.5	9
68	Covariant one-loop amplitudes in. Nuclear Physics B, 2004, 702, 269-306.	2.5	60
69	SUPERSTRINGS AND WZNW MODELS. , 2004, , .		0
70	Non-commutative superspace from string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 574, 98-104.	4.1	180
71	The covariant quantum superstring and superparticle from their classical actions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 553, 96-104.	4.1	35
72	Super D-branes from BRST symmetry. Journal of High Energy Physics, 2003, 2003, 010-010.	4.7	16

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73	An introduction to the covariant quantization of superstrings. Classical and Quantum Gravity, 2003, 20, S395-S410.	4.0	32
74	On the BRST Cohomology of Superstrings with/without Pure Spinors. Advances in Theoretical and Mathematical Physics, 2003, 7, 499-524.	0.6	32
75	Width and partial widths of unstable particles in the light of the Nielsen identities. Physical Review D, 2002, 65, .	4.7	47
76	Covariant Quantization of Superstrings Without Pure Spinor Constraints. Journal of High Energy Physics, 2002, 2002, 054-054.	4.7	70
77	The Massless Spectrum of Covariant Superstrings. Journal of High Energy Physics, 2002, 2002, 004-004.	4.7	17
78	Gauge and topological symmetries in the bulk quantization of gauge theories. Nuclear Physics B, 2001, 597, 583-614.	2.5	24
79	Notes on the quantization of the complex linear superfield. Nuclear Physics B, 2001, 597, 615-632.	2.5	5
80	Covariant quantization of the CBS superparticle. Nuclear Physics B, 2001, 606, 380-400.	2.5	8
81	The algebraic method. Nuclear Physics B, 2001, 610, 215-250.	2.5	35
82	No van Dam-Veltman-Zakharov discontinuity for supergravity in AdS space. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 174-178.	4.1	21
83	Practical Algebraic Renormalization. Annals of Physics, 2001, 288, 197-248.	2.8	83
84	Lattice QCD with a chirally twisted mass term. Journal of High Energy Physics, 2001, 2001, 058-058.	4.7	173
85	Width and Partial Widths of Unstable Particles. Physical Review Letters, 2001, 86, 389-392.	7.8	50
86	Direct algebraic restoration of Slavnov-Taylor identities in the Abelian Higgs-Kibble model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 346-356.	4.1	19
87	A local formulation of lattice QCD without unphysical fermion zero modes. Nuclear Physics, Section B, Proceedings Supplements, 2000, 83-84, 941-946.	0.4	17
88	Non-invariant two-loop counterterms for the three-gauge-boson vertices. Journal of High Energy Physics, 2000, 2000, 037-037.	4.7	10
89	Nielsen identities of the SM and the definition of mass. Physical Review D, 2000, 62, .	4.7	127
90	Constructive algebraic renormalization of the Abelian Higgs-Kibble model. Physical Review D, 1999, 60, .	4.7	19

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91	Fermion mixing renormalization and gauge invariance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 454, 98-104.	4.1	61
92	The abelian anti-ghost equation for the standard model in the 't Hooft background gauge. Nuclear Physics B, 1999, 537, 527-548.	2.5	28
93	Renormalization of non-semisimple gauge models with the background field method. Nuclear Physics B, 1999, 560, 499-550.	2.5	44
94	Algebraic renormalization of Yang-Mills theory with background field method. Nuclear Physics B, 1996, 462, 524-550.	2.5	64