

# Gabriele Tartaglino-Mazzucchelli

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

2,125  
citations

159585

30  
h-index

243625

44  
g-index

78  
all docs

78  
docs citations

78  
times ranked

447  
citing authors

#	ARTICLE	IF	CITATIONS
1	Off-shell supergravity-matter couplings in three dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	88
2	Tessellating cushions: four-point functions in $N = 4$ SYM. Journal of High Energy Physics, 2017, 2017, 1.	4.7	82
3	A dynamic $SU(1 1)^2$ S-matrix for AdS <sub>3</sub> /CFT <sub>2</sub> . Journal of High Energy Physics, 2013, 2013, 1.	4.7	81
4	4D $\mathcal{N} = 2$ supergravity and projective superspace. Journal of High Energy Physics, 2008, 2008, 051-051.	4.7	78
5	Towards integrability for $AdS_3 \times S^3 / CFT_2$ . Journal of Physics A: Mathematical and Theoretical, 2015, 48, 023001.	2.1	69
6	Strings on NS-NS backgrounds as integrable deformations. Physical Review D, 2018, 98, .	4.7	66
7	Towards the All-Loop Worldsheet S-matrix for AdS <sub>3</sub> –S <sub>3</sub> –T <sub>4</sub> . Physical Review Letters, 2014, 113, 131601.	7.8	65
8	On $T$ deformations and supersymmetry. Journal of High Energy Physics, 2019, 2019, 1.	4.7	61
9	Conformal supergravity in three dimensions: new off-shell formulation. Journal of High Energy Physics, 2013, 2013, 1.	4.7	57
10	Three-dimensional $\mathcal{N} = 2$ (AdS) supergravity and associated supercurrents. Journal of High Energy Physics, 2011, 2011, 1.	4.7	56
11	On conformal supergravity and projective superspace. Journal of High Energy Physics, 2009, 2009, 023-023.	4.7	55
12	Super-Weyl invariance in 5D supergravity. Journal of High Energy Physics, 2008, 2008, 032-032.	4.7	53
13	Different representations for the action principle in 4D $\mathcal{N} = 2$ supergravity. Journal of High Energy Physics, 2009, 2009, 007-007.	4.7	51
14	Colour-dressed hexagon tessellations for correlation functions and non-planar corrections. Journal of High Energy Physics, 2018, 2018, 1.	4.7	50
15	5D supergravity and projective superspace. Journal of High Energy Physics, 2008, 2008, 004-004.	4.7	48
16	Conformal supergravity in five dimensions: new approach and applications. Journal of High Energy Physics, 2015, 2015, 1.	4.7	48
17	Protected string spectrum in AdS <sub>3</sub> /CFT <sub>2</sub> from worldsheet integrability. Journal of High Energy Physics, 2017, 2017, 1.	4.7	47
18	Conformal supergravity in three dimensions: off-shell actions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	45

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19	Three-point functions in $N = 4$ SYM: the hexagon proposal at three loops. Journal of High Energy Physics, 2016, 2016, 1.	4.7	45
20	Superspace calculation of the four-loop spectrum in $N = 6$ supersymmetric Chern-Simons theories. Journal of High Energy Physics, 2010, 2010, 1.	4.7	44
21	Five-dimensional superfield supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 661, 42-51.	4.1	42
22	Field theory in $4D = 2$ conformally flat superspace. Journal of High Energy Physics, 2008, 2008, 001-001.	4.7	40
23	Six-dimensional supergravity and projective superfields. Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
24	$N = 6$ superconformal gravity in three dimensions from superspace. Journal of High Energy Physics, 2014, 2014, 1.	4.7	36
25	deformations with $\hat{A}^-$	4.7	35
26	Off-shell superconformal nonlinear sigma-models in three dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	34
27	Five-dimensional AdS superspace: Geometry, off-shell multiplets and dynamics. Nuclear Physics B, 2007, 785, 34-73.	2.5	33
28	Three-dimensional $(p, q)$ AdS superspaces and matter couplings. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
29	flows and $(2, 2)$ supersymmetry. Physical Review D, 2020, 101.	4.7	33
30	Deformations and Integrable Spin Chains. Physical Review Letters, 2020, 124, 100601.	7.8	32
31	Higher derivative couplings and massive supergravity in three dimensions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	28
32	Tensorial Gross-Neveu models. Journal of High Energy Physics, 2018, 2018, 1.	4.7	27
33	The component structure of conformal supergravity invariants in six dimensions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	26
34	Non-linear supersymmetry and $\overline{T}$ -like flows. Journal of High Energy Physics, 2020, 2020, 1.	4.7	26
35	Gauss-Bonnet Supergravity in Six Dimensions. Physical Review Letters, 2017, 119, 111602.	7.8	25
36	deformations as $\hat{A}^-$ transforma	4.7	25

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37	Conformal supergravities as Chern-Simons theories revisited. Journal of High Energy Physics, 2013, 2013, 1.	4.7	24
38	Three-dimensional $N=2$ supergravity theories: From superspace to components. Physical Review D, 2014, 89, .	4.7	21
39	Curvature squared invariants in six-dimensional $\mathcal{N} = (1, 0)$ supergravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	21
40	Flow Equations for Generalized $T$ -Deformations. Physical Review Letters, 2020, 124, 200601.	4.7	20
41	6D supersymmetric nonlinear sigma-models in 4D, Script N = 1 superspace. Journal of High Energy Physics, 2006, 2006, 006-006.	4.7	19
42	Extended supersymmetric sigma models in AdS4 from projective superspace. Journal of High Energy Physics, 2012, 2012, 1.	4.7	19
43	Symmetries of curved superspace in five dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	19
44	Nilpotent chiral superfield in $N = 2$ supergravity and partial rigid supersymmetry breaking. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19
45	Positivity of hexagon perturbation theory. Journal of High Energy Physics, 2018, 2018, 1.	4.7	19
46	6D supersymmetry, projective superspace & 4D, Script N = 1 superfields. Journal of High Energy Physics, 2006, 2006, 051-051.	4.7	18
47	Goldstino superfields in $N = 2$ supergravity. Journal of High Energy Physics, 2017, 2017, 1.	4.7	17
48	2D $\mathcal{N} = \text{left}(\{4,4\} \text{right})$ superspace supergravity and bi-projective superfields. Journal of High Energy Physics, 2010, 2010, 1.	4.7	16
49	Nonlinear sigma models with AdS supersymmetry in three dimensions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	16
50	Complex three-form supergravity and membranes. Journal of High Energy Physics, 2017, 2017, 1.	4.7	16
51	Supersymmetric dS/CFT. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
52	The plane-wave limit of AdS3 $\tilde{A}$ –S3 $\tilde{A}$ –S3 $\tilde{A}$ –S1. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
53	Conformally flat supergeometry in five dimensions. Journal of High Energy Physics, 2008, 2008, 097-097.	4.7	12
54	$\mathcal{N} = 4$ supersymmetric Yang-Mills theories in AdS3. Journal of High Energy Physics, 2014, 2014, 1.	4.7	12

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55	New massive supergravity multiplets. Journal of High Energy Physics, 2007, 2007, 052-052.	4.7	11
56	Integrable bootstrap for AdS3/CFT2 correlation functions. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
57	Supersymmetric $J$ and $T$ deformations. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
58	Quantization of $\mathfrak{sl}(2)$ deformations. Journal of High Energy Physics, 2020, 2020, 1.	4.1	9
59	On 2D $N = (4,4)$ superspace supergravity. Physics of Particles and Nuclei Letters, 2011, 8, 251-261.	0.4	9
60	New Fayet-Iliopoulos terms in $N=2$ supergravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
61	On supersymmetry breaking and the Dijkgraaf-Vafa conjecture. Journal of High Energy Physics, 2006, 2006, 104-104.	4.7	7
62	Two-form supergravity, superstring couplings, and Goldstino superfields in three dimensions. Physical Review D, 2017, 96, .	4.7	7
63	Symmetries of $N = (1, 0)$ supergravity backgrounds in six dimensions. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
64	Spinors in supersymmetric dS/CFT. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
65	Supertwistor realisations of AdS superspaces. European Physical Journal C, 2022, 82, 1.	3.9	5
66	Partial $N = 2$ supersymmetry breaking and deformed hypermultiplets. Journal of High Energy Physics, 2019, 2019, 1.	4.7	4
67	Chiral supergravity actions and superforms. Physical Review D, 2009, 80, .	4.7	3
68	Wandering in five-dimensional curved superspace. Fortschritte Der Physik, 2008, 56, 929-935.	4.4	2
69	Off-shell actions for conformal supergravity in three dimensions. Physics of Particles and Nuclei Letters, 2014, 11, 927-932.	0.4	2
70	Magnetic deformation of super-Maxwell theory in supergravity. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
71	Ectoplasm and superspace integration measures for 2D supergravity with four spinorial supercurrents. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 095401.	2.1	1
72	New approach to $N$ -extended conformal supergravity in three dimensions. Physics of Particles and Nuclei Letters, 2014, 11, 880-885.	0.4	1

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73	Topics in 3D $\mathcal{N} = 2$ AdS supergravity in superspace. Fortschritte Der Physik, 2012, 60, 1105-1111.	4.4	0
74	On curvature squared invariants in 6D supergravity. Journal of Physics: Conference Series, 2018, 965, 012029.	0.4	0
75	The 6D Gauss-Bonnet Supergravity Invariant. Physics of Particles and Nuclei, 2018, 49, 884-889.	0.7	0
76	Component reduction and the superconformal gravity invariants $\langle \text{sup} \rangle 1 \langle /sup \rangle$ . Journal of Physics: Conference Series, 2018, 965, 012045.	0.4	0
77	Extended supersymmetric sigma-models in 3D AdS. , 2013, , .		0