

Alessandro Tomasiello

List of Publications by Year in descending order

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82
papers

3,622
citations

94433

37
h-index

133252

59
g-index

83
all docs

83
docs citations

83
times ranked

730
citing authors

#	ARTICLE	IF	CITATIONS
1	Supersymmetric backgrounds from generalized Calabi-Yau manifolds. Journal of High Energy Physics, 2004, 2004, 046-046.	4.7	209
2	Generalized structures of Script $N = 1$ vacua. Journal of High Energy Physics, 2005, 2005, 020-020.	4.7	208
3	6d Conformal matter. Journal of High Energy Physics, 2015, 2015, 1.	4.7	201
4	A scan for new Script $N = 1$ vacua on twisted tori. Journal of High Energy Physics, 2007, 2007, 031-031.	4.7	165
5	All AdS7 solutions of type II supergravity. Journal of High Energy Physics, 2014, 2014, 1.	4.7	143
6	Supersymmetry on curved spaces and holography. Journal of High Energy Physics, 2012, 2012, 1.	4.7	128
7	A simple class of $d = 3$ gauge/gravity duals. Journal of High Energy Physics, 2008, 2008, 101-101.	4.7	109
8	Holography for $(1,0)$ theories in six dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	109
9	3D superconformal theories from Sasakian seven-manifolds: new non-trivial evidences for. Nuclear Physics B, 2000, 577, 547-608.	2.5	94
10	The gauge dual of Romans mass. Journal of High Energy Physics, 2010, 2010, 1.	4.7	90
11	Mirror Symmetric $SU(3)$ -Structure Manifolds with NS Fluxes. Communications in Mathematical Physics, 2005, 254, 401-423.	2.2	87
12	Generalized Complex Manifolds and Supersymmetry. Communications in Mathematical Physics, 2005, 257, 235-256.	2.2	87
13	Noncommutative and gauge theories. Nuclear Physics B, 2000, 589, 461-474.	2.5	77
14	Supersymmetric M-theory compactifications with fluxes on seven-manifolds and G-structures. Journal of High Energy Physics, 2003, 2003, 004-004.	4.7	71
15	AdS6 solutions of type II supergravity. Journal of High Energy Physics, 2014, 2014, 1.	4.7	68
16	6d holographic anomaly match as a continuum limit. Journal of High Energy Physics, 2016, 2016, 1.	4.7	63
17	Six-Dimensional Superconformal Theories and their Compactifications from Type IIA Supergravity. Physical Review Letters, 2015, 115, 061601.	7.8	62
18	An index for the Dirac operator on D3 branes with background fluxes. Journal of High Energy Physics, 2005, 2005, 102-102.	4.7	56

#	ARTICLE	IF	CITATIONS
19	Massive type IIA string theory cannot be strongly coupled. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	54
20	6D RG flows and nilpotent hierarchies. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	54
21	Counting fermionic zero modes on M5 with fluxes. <i>Journal of High Energy Physics</i> , 2005, 2005, 069-069.	4.7	53
22	Supersymmetric AdS5 solutions of massive IIA supergravity. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	51
23	Supersymmetry in Lorentzian Curved Spaces and Holography. <i>Communications in Mathematical Physics</i> , 2014, 327, 577-602.	2.2	50
24	A note on consistent anomalies in noncommutative YM theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 485, 311-313.	4.1	49
25	Topological mirror symmetry with fluxes. <i>Journal of High Energy Physics</i> , 2005, 2005, 067-067.	4.7	48
26	Universal consistent truncation for 6d/7d gauge/gravity duals. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	46
27	On supersymmetric AdS4 orientifold vacua. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	45
28	Kaluza-Klein bundles and manifolds of exceptional holonomy. <i>Journal of High Energy Physics</i> , 2002, 2002, 033-033.	4.7	43
29	D-branes on Calabi-Yau manifolds and helices. <i>Journal of High Energy Physics</i> , 2001, 2001, 008-008.	4.7	42
30	Supersymmetry on three-dimensional Lorentzian curved spaces and black hole holography. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	42
31	Localized O6-plane solutions with Romans mass. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	41
32	Holographic duals of 3d S-fold CFTs. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	40
33	Reformulating supersymmetry with a generalized Dolbeault operator. <i>Journal of High Energy Physics</i> , 2008, 2008, 010-010.	4.7	39
34	AdS ₃ Solutions with Exceptional Supersymmetry. <i>Fortschritte Der Physik</i> , 2018, 66, 1800060.	4.4	39
35	The frozen phase of F-theory. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	39
36	New string vacua from twistor spaces. <i>Physical Review D</i> , 2008, 78, .	4.7	38

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37	Nontrivial RR two-form field strength and SU(3)-structure. Fortschritte Der Physik, 2003, 51, 764-768.	4.4	37
38	Classical de Sitter Solutions of 10-Dimensional Supergravity. Physical Review Letters, 2019, 122, 091601.	7.8	35
39	Black hole attractors and pure spinors. Journal of High Energy Physics, 2006, 2006, 048-048.	4.7	32
40	AdS4 compactifications of AdS7 solutions in type II supergravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	31
41	Fission, fusion, and 6D RG flows. Journal of High Energy Physics, 2019, 2019, 1.	4.7	31
42	D-branes on Calabi-Yau Manifolds and Superpotentials. Communications in Mathematical Physics, 2004, 248, 85-118.	2.2	30
43	A stringy test of flux-induced isometry gauging. Nuclear Physics B, 2005, 728, 135-147.	2.5	30
44	Generalized structures of ten-dimensional supersymmetric solutions. Journal of High Energy Physics, 2012, 2012, 1.	4.7	29
45	On AdS7 stability. Journal of High Energy Physics, 2020, 2020, 1.	4.7	29
46	AdS5 compactifications with punctures in massive IIA supergravity. Journal of High Energy Physics, 2017, 2017, 1.	4.7	28
47	T-branes, anomalies and moduli spaces in 6D SCFTs. Journal of High Energy Physics, 2017, 2017, 1.	4.7	27
48	Supersymmetric backgrounds from generalized Calabi-Yau manifolds. Comptes Rendus Physique, 2004, 5, 979-986.	0.9	25
49	Small instanton transitions for M5 fractions. Journal of High Energy Physics, 2017, 2017, 1.	4.7	25
50	Matrix string theory and its moduli space. Nuclear Physics B, 1999, 554, 103-135.	2.5	23
51	Generalized Kähler Potentials from Supergravity. Communications in Mathematical Physics, 2009, 291, 1-30.	2.2	22
52	Spin-2 spectrum of six-dimensional field theories. Journal of High Energy Physics, 2016, 2016, 1.	4.7	22
53	Leaps and bounds towards scale separation. Journal of High Energy Physics, 2021, 2021, 1.	4.7	22
54	New de Sitter solutions in ten dimensions and orientifold singularities. Journal of High Energy Physics, 2020, 2020, 1.	4.7	21

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55	Perturbing gauge/gravity duals by a Romans mass. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 465205.	2.1	20
56	Minimal flux Minkowski classification. Journal of High Energy Physics, 2017, 2017, 1.	4.7	20
57	Domain walls from ten dimensions. Journal of High Energy Physics, 2009, 2009, 089-089.	4.7	19
58	A massive class of $\mathcal{N}=2$ AdS4 IIA solutions. Journal of High Energy Physics, 2018, 2018, 1.	4.7	19
59	A-infinity structure and superpotentials. Journal of High Energy Physics, 2001, 2001, 030-030.	4.7	18
60	Charges and holography in 6d (1,0) theories. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
61	Cheeger bounds on spin-two fields. Journal of High Energy Physics, 2021, 2021, 1.	4.7	15
62	Variations on stability. Nuclear Physics B, 2002, 631, 43-65.	2.5	13
63	Parameter spaces of massive IIA solutions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	12
64	Holographic duals of 6d RG flows. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
65	$\mathcal{N}=2$ supersymmetric AdS4 solutions of type IIB supergravity. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
66	The geometry of $\mathcal{N}=3$ AdS4 in massive IIA. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
67	The general (2, 2) gauged sigma model with three-form flux. Journal of High Energy Physics, 2007, 2007, 053-053.	4.7	10
68	Complex/Symplectic Mirrors. Communications in Mathematical Physics, 2007, 274, 775-794.	2.2	10
69	Holography, matrix factorizations and K-stability. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
70	$\mathcal{N}=(1, 1)$ supersymmetric AdS3 in 10 dimensions. Journal of High Energy Physics, 2022, 2022, 1.	4.7	8
71	AdS8 solutions in type II supergravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
72	On the stability of string theory vacua. Journal of High Energy Physics, 2022, 2022, 1.	4.7	7

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73	Heterotic matrix string theory and Riemann surfaces. Nuclear Physics B, 2000, 564, 86-102.	2.5	6
74	Supersymmetric backgrounds from generalized Calabi-Yau manifolds. Fortschritte Der Physik, 2005, 53, 885-893.	4.4	6
75	Pure spinor equations to lift gauged supergravity. Journal of High Energy Physics, 2014, 2014, 1.	4.7	6
76	AdS4 black holes from M-theory. Journal of High Energy Physics, 2015, 2015, 1-31.	4.7	5
77	Timelike structures of ten-dimensional supersymmetry. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
78	Breaking supersymmetry with pure spinors. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
79	Topological resolution of gauge theory singularities. Physical Review D, 2013, 88, .	4.7	3
80	On mirror symmetry with fluxes. Fortschritte Der Physik, 2004, 52, 618-623.	4.4	2
81	Gauged supergravities from M-theory reductions. Journal of High Energy Physics, 2018, 2018, 1.	4.7	2
82	Higher-dimensional gauge theories from string theory. Fortschritte Der Physik, 2016, 64, 303-316.	4.4	1