

# Ignatios Antoniadis

## List of Publications by Year in descending order

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134  
papers

7,596  
citations

159585

30  
h-index

49909

87  
g-index

134  
all docs

134  
docs citations

134  
times ranked

4376  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quintic constraints for $N=2$ multiplets and complete SUSY breaking. European Physical Journal C, 2022, 82, 1.	3.9	2
2	Hybrid inflation and waterfall field in string theory from D7-branes. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
3	Particle physics and cosmology of the string derived no-scale flipped SU(5). European Physical Journal C, 2022, 82, .	3.9	5
4	Addendum to: Ultraviolet behaviour of Higgs inflation models. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
5	Refined topological amplitudes from the $\hat{C}$ -background in string theory. Journal of High Energy Physics, 2022, 2022, .	4.7	2
6	Brane-world singularities and asymptotics of five-dimensional bulk fluids. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	3.4	2
7	Challenges in string and supersymmetric cosmology. International Journal of Modern Physics A, 2021, 36, .	1.5	0
8	Muon Discrepancy Within D-brane String Compactifications. Fortschritte Der Physik, 2021, 69, 2100084.	4.4	4
9	Ultraviolet behaviour of Higgs inflation models. Journal of High Energy Physics, 2021, 2021, 1.	4.7	16
10	Regular braneworlds with nonlinear bulk-fluids. European Physical Journal C, 2021, 81, 1.	3.9	5
11	Aspects of compactification on a linear dilaton background. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
12	Salvage of too slow gravitinos. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
13	Reheating after inflation by supersymmetry breaking. European Physical Journal C, 2021, 81, 1.	3.9	4
14	The string geometry behind topological amplitudes. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
15	Scotogenic dark matter in an orbifold theory of flavor. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
16	Weak Gravity Conjecture in de Sitter Space-Time. Fortschritte Der Physik, 2020, 68, 2000054.	4.4	9
17	Challenges in Supersymmetric Cosmology. Symmetry, 2020, 12, 468.	2.2	1
18	Anomalous U(1) gauge bosons as light dark matter in string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135838.	4.1	10

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19	Note on initial conditions for small-field inflation. <i>Physical Review D</i> , 2020, 102, .	4.7	4
20	Logarithmic loop corrections, moduli stabilisation and de Sitter vacua in string theory. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	25
21	Magnetic deformation of super-Maxwell theory in supergravity. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	2
22	Inflation near a metastable de Sitter vacuum from moduli stabilisation. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	11
23	New Kähler invariant Fayet–Iliopoulos terms in supergravity and cosmological applications. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	8
24	Note on supersymmetric Dirac-Born-Infeld action with Fayet-Iliopoulos term. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	2
25	$\mathcal{N} = 2$ supersymmetry deformations, electromagnetic duality and Dirac-Born-Infeld actions. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	9
26	A microscopic model for inflation from supersymmetry breaking. <i>European Physical Journal C</i> , 2019, 79, 624.	3.9	9
27	New Fayet-Iliopoulos terms in $\mathcal{N}=2$ supergravity. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	8
28	Inflation from the internal volume in type IIB/F-theory compactification. <i>International Journal of Modern Physics A</i> , 2019, 34, 1950042.	1.5	11
29	Inflation from Supersymmetry Breaking. <i>Universe</i> , 2019, 5, 30.	2.5	1
30	The effective supergravity of little string theory. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	9
31	All partial breakings in $\mathcal{N}=2$ supergravity with a single hypermultiplet. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	6
32	Scale hierarchies in particle physics and cosmology. <i>EPJ Web of Conferences</i> , 2018, 182, 02005.	0.3	0
33	Palatini inflation in models with an $R^2$ term. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 028-028.	5.4	97
34	Perturbative moduli stabilisation in type IIB/F-theory framework. <i>European Physical Journal C</i> , 2018, 78, 1.	3.9	37
35	Scale hierarchies, supersymmetry and cosmology. <i>International Journal of Modern Physics A</i> , 2018, 33, 1845003.	1.5	0
36	Inflation from supersymmetry breaking. <i>International Journal of Modern Physics A</i> , 2018, 33, 1844021.	1.5	2

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37	The cosmological constant in supergravity. European Physical Journal C, 2018, 78, 1.	3.9	25
38	Fayet–Iliopoulos terms in supergravity and D-term inflation. European Physical Journal C, 2018, 78, 1.	3.9	27
39	Minimal left-right symmetric intersecting D-brane model. Physical Review D, 2017, 95, .	4.7	1
40	A string realisation of $\hat{N}=2$ -deformed Abelian $N=2$ theory. Nuclear Physics B, 2017, 923, 32-53.	2.5	3
41	Nonlinear $N=2$ global supersymmetry. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
42	Scale hierarchies and string cosmology. International Journal of Modern Physics A, 2017, 32, 1730012.	1.5	0
43	Infinity in string cosmology: A review through open problems. International Journal of Modern Physics D, 2017, 26, 1730009.	2.1	8
44	Inflation from supersymmetry breaking. European Physical Journal C, 2017, 77, 1.	3.9	18
45	The Singularity Problem in Brane Cosmology. Universe, 2017, 3, 15.	2.5	2
46	$N=2$ (non-)Abelian theory in the $\hat{N}=1$ background from string theory. , 2017, , .		3
47	The large-scale structure of the ambient boundary. , 2017, , .		0
48	Sequestered gravity in gauge mediation. European Physical Journal C, 2016, 76, 363.	3.9	2
49	MSSM soft terms from supergravity with gauged R-symmetry in de Sitter vacuum. Nuclear Physics B, 2016, 902, 69-94.	2.5	9
50	Heisenberg symmetry and hypermultiplet manifolds. Nuclear Physics B, 2016, 905, 293-312.	2.5	4
51	750 GeV diphotons from closed string states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 312-315.	4.1	38
52	Gauging MSSM global symmetries and SUSY breaking in de Sitter vacuum. Nuclear Physics B, 2016, 903, 304-324.	2.5	2
53	Update on 750 GeV diphotons from closed string states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 223-228.	4.1	5
54	Inflation from supergravity with gauged R-symmetry in de Sitter vacuum. European Physical Journal C, 2016, 76, 1.	3.9	17

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55	Isometries, gaugings and $N = 2$ supergravity decoupling. Journal of High Energy Physics, 2016, 2016, 1.	4.7	3
56	Curved branes with regular support. European Physical Journal C, 2016, 76, 1.	3.9	6
57	Stringy origin of diboson and dijet excesses at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 484-488.	4.1	26
58	The coupling of non-linear supersymmetry to supergravity. European Physical Journal C, 2015, 75, 1.	3.9	29
59	The effective Planck mass and the scale of inflation. European Physical Journal C, 2015, 75, 182.	3.9	15
60	Quarks and a Unified Theory of Nature Fundamental Forces. , 2015, , 473-486.		0
61	Ambient cosmology and spacetime singularities. European Physical Journal C, 2015, 75, 1.	3.9	2
62	Gauged R-symmetry and its anomalies in 4D $N=1$ supergravity and phenomenological implications. Journal of High Energy Physics, 2015, 2015, 1.	4.7	14
63	Extra dimensions at LHC. Modern Physics Letters A, 2015, 30, 1502002.	1.2	6
64	DYNAMICS AND ASYMPTOTICS OF BRANE-WORLDS. , 2015, , .		1
65	Mass hierarchy and physics beyond the Standard Theory. International Journal of Modern Physics A, 2014, 29, 1444001.	1.5	1
66	String resonances at hadron colliders. Physical Review D, 2014, 90, .	4.7	14
67	EXTENSION OF CHERN-SIMONS FORMS AND NEW GAUGE ANOMALIES. International Journal of Modern Physics A, 2014, 29, 1450027.	1.5	8
68	Enveloping branes and brane-world singularities. European Physical Journal C, 2014, 74, 3192.	3.9	11
69	The Volkov-Akulov-Starobinsky supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 32-35.	4.1	179
70	Gauge R-symmetry and de Sitter vacua in supergravity and string theory. Nuclear Physics B, 2014, 886, 43-62.	2.5	17
71	Supersymmetry after the Higgs discovery. European Physical Journal C, 2014, 74, 1.	3.9	0
72	Non-perturbative Nekrasov partition function from string theory. Nuclear Physics B, 2014, 880, 87-108.	2.5	30

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73	Brane singularities with mixtures in the bulk. Fortschritte Der Physik, 2013, 61, 20-49.	4.4	14
74	Vacuum stability of Standard Model++. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
75	Neutrino mass textures from F-theory. European Physical Journal C, 2013, 73, 1.	3.9	15
76	Worldsheet realization of the refined topological string. Nuclear Physics B, 2013, 875, 101-133.	2.5	39
77	Testing strings at the LHC. , 2013, , .		0
78	LHC phenomenology and cosmology of string-inspired intersecting D-brane models. Physical Review D, 2012, 86, .	4.7	18
79	Building SO(10) models from F-theory. Journal of High Energy Physics, 2012, 2012, 1.	4.7	14
80	$Z^2$ -gauge bosons as harbingers of low-mass strings. Physical Review D, 2012, 85, .	4.7	24
81	Goldstino and sgoldstino in microscopic models and the constrained superfields formalism. Nuclear Physics B, 2012, 857, 65-84.	2.5	21
82	supersymmetry breaking at two different scales. Nuclear Physics B, 2012, 863, 471-494.	2.5	9
83	New gauge anomalies and topological invariants in various dimensions. European Physical Journal C, 2012, 72, 1.	3.9	10
84	Phenomenology of TeV Little String Theory from Holography. Physical Review Letters, 2012, 108, 081602.	7.8	57
85	Goldstinis, supercurrents and metastable SUSY breaking in $N = 2$ supersymmetric gauge theories. Journal of High Energy Physics, 2011, 2011, 1.	4.7	10
86	The hypermultiplet with Heisenberg isometry in $N=2$ global and local supersymmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	9
87	One-loop adjoint masses for non-supersymmetric intersecting branes. Journal of High Energy Physics, 2011, 2011, 1.	4.7	7
88	Brane world models need low string scale. Journal of High Energy Physics, 2011, 2011, 1.	4.7	11
89	Physics of extra dimensions. Fortschritte Der Physik, 2011, 59, 1127-1134.	4.4	0
90	PHYSICS FROM EXTRA DIMENSIONS: MASS HIERARCHIES AND EXPERIMENTAL PREDICTIONS. International Journal of Modern Physics E, 2011, 20, 11-18.	1.0	1

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91	Scattering of charged tensor bosons in gauge and superstring theories. Fortschritte Der Physik, 2010, 58, 811-819.	4.4	3
92	POSSIBLE LOW ENERGY MANIFESTATIONS OF STRINGS AND GRAVITY. International Journal of Modern Physics D, 2010, 19, 1339-1350.	2.1	0
93	FROM EXTRA-DIMENSIONS: MULTIPLE BRANE SCENARIOS AND THEIR CONTENDERS. International Journal of Modern Physics A, 2010, 25, 5817-5845.	1.5	2
94	ASPECTS OF STRING PHENOMENOLOGY. , 2010, , .		0
95	Brane singularities and their avoidance. Classical and Quantum Gravity, 2010, 27, 235018.	4.0	23
96	ASPECTS OF STRING PHENOMENOLOGY. International Journal of Modern Physics A, 2010, 25, 4727-4740.	1.5	4
97	Nonlinear supersymmetry, brane bulk interactions and super-Higgs without gravity. Nuclear Physics B, 2010, 835, 75-109.	2.5	15
98	Deformed topological partition function and Nekrasov backgrounds. Nuclear Physics B, 2010, 838, 253-265.	2.5	59
99	Non-linear MSSM. Nuclear Physics B, 2010, 841, 157-177.	2.5	56
100	Nonlinear $N=2$ supersymmetry, effective actions and moduli stabilization. Nuclear Physics B, 2009, 808, 53-79.	2.5	33
101	How to Detect Extra-dimensions. , 2008, , .		0
102	Higher Dimensional Operators in the MSSM. , 2008, , .		3
103	BRANEWORLD COSMOLOGICAL SINGULARITIES. , 2008, , .		4
104	PHYSICS AND SIGNATURES OF STRINGS AND EXTRA DIMENSIONS. International Journal of Modern Physics E, 2007, 16, 2733-2747.	1.0	3
105	Magnetic fluxes and moduli stabilization. Nuclear Physics B, 2007, 767, 139-162.	2.5	27
106	Split Supersymmetry in Brane Models. AIP Conference Proceedings, 2007, , .	0.4	0
107	Experimental Signatures of Strings and Branes. , 2007, , .		0
108	Split supersymmetry in brane models. Pramana - Journal of Physics, 2006, 67, 793-802.	1.8	0

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109	EXPERIMENTAL SIGNATURES OF STRINGS AND BRANES. International Journal of Modern Physics A, 2006, 21, 1657-1669.	1.5	1
110	EXPERIMENTAL SIGNATURES OF STRINGS AND BRANES. , 2006, , .		0
111	Splitting supersymmetry in string theory. Nuclear Physics B, 2005, 715, 120-140.	2.5	77
112	Moduli stabilization from magnetic fluxes in type I string theory. Nuclear Physics B, 2005, 716, 3-32.	2.5	67
113	How many dimensions are really compactified?. , 2005, , .		0
114	Non-linear supersymmetry and intersecting D-branes. Nuclear Physics B, 2004, 697, 3-47.	2.5	25
115	Non-compact Calabi-Yau manifolds and localized gravity. Nuclear Physics B, 2003, 648, 69-93.	2.5	72
116	Brane to bulk supersymmetry breaking and radion force at micron distances. Nuclear Physics B, 2003, 662, 40-62.	2.5	38
117	D-branes and the Standard Model. Nuclear Physics B, 2003, 660, 81-115.	2.5	111
118	String loop corrections to the universal hypermultiplet. Classical and Quantum Gravity, 2003, 20, 5079-5102.	4.0	106
119	Little string theory at a TeV. Journal of High Energy Physics, 2001, 2001, 055-055.	4.7	74
120	A D-brane alternative to unification. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 186-193.	4.1	197
121	Type-I strings on magnetised orbifolds and brane transmutation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 489, 223-232.	4.1	266
122	Branes and the gauge hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 450, 83-91.	4.1	102
123	Brane supersymmetry breaking. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 464, 38-45.	4.1	235
124	Low-scale closed strings and their duals. Nuclear Physics B, 1999, 550, 41-58.	2.5	61
125	Partial breaking of supersymmetry, open strings and M-theory. Nuclear Physics B, 1999, 553, 133-154.	2.5	96
126	New dimensions at a millimeter to a fermi and superstrings at a TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 436, 257-263.	4.1	3,474



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127	Aspects of type I-type II-heterotic triality in four dimensions. Nuclear Physics B, 1997, 489, 160-178.	2.5	102
128	R4 couplings in M- and type II theories on Calabi-Yau spaces. Nuclear Physics B, 1997, 507, 571-588.	2.5	189
129	N = 2 heterotic superstring and its dual theory in five dimensions. Nuclear Physics B, 1996, 460, 489-505.	2.5	102
130	Spontaneous breaking of N = 2 global supersymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 372, 83-87.	4.1	151
131	N = 2 type II-heterotic duality and higher-derivative F-terms. Nuclear Physics B, 1995, 455, 109-130.	2.5	140
132	Limits on extra dimensions in orbifold compactifications of superstrings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 326, 69-78.	4.1	259
133	Topological amplitudes in string theory. Nuclear Physics B, 1994, 413, 162-184.	2.5	267
134	A de-Sitter weak gravity conjecture. International Journal of Modern Physics A, 0, , .	1.5	0