

Paul K Townsend

List of Publications by Year in descending order

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79
papers

4,498
citations

126907
33
h-index

98798
67
g-index

82
all docs

82
docs citations

82
times ranked

1232
citing authors

#	ARTICLE	IF	CITATIONS
1	Aether, dark energy and string compactifications. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	3.4	2
2	On p-form gauge theories and their conformal limits. Journal of High Energy Physics, 2021, 2021, 1.	4.7	47
3	ModMax meets Susy. Journal of High Energy Physics, 2021, 2021, 1.	4.7	32
4	Nonlinear duality-invariant conformal extension of Maxwell's equations. Physical Review D, 2020, 102, .	4.7	103
5	An interacting conformal chiral 2-form electrodynamics in six dimensions. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20190863.	2.1	3
6	Manifestly Lorentz Invariant Chiral Boson Action. Physical Review Letters, 2020, 124, 101604.	7.8	15
7	On asymptotic charges in 3D gravity. Classical and Quantum Gravity, 2020, 37, 035003.	4.0	11
8	DBI in the IR. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 044002.	2.1	6
9	On-shell versus off-shell equivalence in 3D gravity. Classical and Quantum Gravity, 2019, 36, 095013.	4.0	6
10	Non-relativistic limits and 3D massive gravity. Journal of Physics: Conference Series, 2019, 1194, 012013.	0.4	1
11	Gravity and the Spin-2 Planar Schrödinger Equation. Physical Review Letters, 2018, 120, 141601.	7.8	13
12	Twistor description of spinning particles in AdS. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
13	On Non-Relativistic 3D Spin-1 Theories. Physics of Particles and Nuclei, 2018, 49, 813-817.	0.7	4
14	Exotic massive 3D gravity. Journal of High Energy Physics, 2018, 2018, 1.	4.7	32
15	Anti-de Sitter Particles and Manifest (Super)Isometries. Physical Review Letters, 2017, 118, 141601.	7.8	12
16	Tachyons in the Galilean limit. Journal of High Energy Physics, 2017, 2017, 1.	4.7	18
17	The Galilean superstring. Journal of High Energy Physics, 2017, 2017, 1.	4.7	22
18	Pauli-Lubanski, supertwistors, and the superspinning particle. Journal of High Energy Physics, 2017, 2017, 1.	4.7	4

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19	Twistors and the massive spinning particle. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 025401.	2.1	8
20	Twistor form of massive 6D superparticle. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 025402.	2.1	7
21	Worldline CPT and massless supermultiplets. International Journal of Modern Physics A, 2016, 31, 1650152.	1.5	2
22	The third way to 3D gravity. International Journal of Modern Physics D, 2015, 24, 1544015.	2.1	22
23	Minimal massive 3D gravity unitarity redux. Classical and Quantum Gravity, 2015, 32, 085003.	4.0	18
24	Yang-Mills as Massive Chern-Simons Theory: A Third Way to Three-Dimensional Gauge Theories. Physical Review Letters, 2015, 114, 181603.	7.8	9
25	Chern-Simons-Like Gravity Theories. Lecture Notes in Physics, 2015, , 181-201.	0.7	33
26	Matter coupling in 3D "minimal massive gravity"™. Classical and Quantum Gravity, 2014, 31, 235012.	4.0	29
27	All superparticles are BPS. Journal of Physics A: Mathematical and Theoretical, 2014, 47, 175401.	2.1	3
28	Minimal massive 3D gravity. Classical and Quantum Gravity, 2014, 31, 145008.	4.0	96
29	Supertwistors and massive particles. Annals of Physics, 2014, 346, 66-90.	2.8	16
30	Equivalence of 3D spinning string and superstring. Journal of High Energy Physics, 2013, 2013, 1.	4.7	3
31	Thermodynamics of "Exotic"•Baños-Teitelboim-Zanelli Black Holes. Physical Review Letters, 2013, 110, 241302.	7.8	38
32	Zwei-Dreibein Gravity: A Two-Frame-Field Model of 3D Massive Gravity. Physical Review Letters, 2013, 111, 111102.	7.8	56
33	On the Hamiltonian form of 3D massive gravity. Physical Review D, 2012, 86, .	4.7	34
34	On "new massive"•4D gravity. Journal of High Energy Physics, 2012, 2012, 1.	4.7	20
35	Modes of log gravity. Physical Review D, 2011, 83, .	4.7	47
36	Quantum 3D superstrings. Physical Review D, 2011, 84, .	4.7	16

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37	A spin-4 analog of 3D massive gravity. Classical and Quantum Gravity, 2011, 28, 245007.	4.0	25
38	On Critical Massive (Super)Gravity in adS3. Journal of Physics: Conference Series, 2011, 314, 012009.	0.4	14
39	More on massive 3D supergravity. Classical and Quantum Gravity, 2011, 28, 015002.	4.0	44
40	Gravitons in Flatland. Springer Proceedings in Physics, 2011, , 291-300.	0.2	6
41	On massive gravitons in 2+1 dimensions. Journal of Physics: Conference Series, 2010, 229, 012005.	0.4	26
42	On higher derivatives in 3D gravity and higher-spin gauge theories. Annals of Physics, 2010, 325, 1118-1134.	2.8	84
43	Anyons from Strings. Physical Review Letters, 2010, 105, 191601.	7.8	36
44	On maximal massive 3D supergravity. Classical and Quantum Gravity, 2010, 27, 235012.	4.0	26
45	Massive 3D supergravity. Classical and Quantum Gravity, 2010, 27, 025010.	4.0	115
46	Semionic supersymmetric solitons. Journal of Physics A: Mathematical and Theoretical, 2010, 43, 465401.	2.1	13
47	SDiff gauge theory and the M2 condensate. Journal of High Energy Physics, 2009, 2009, 013-013.	4.7	22
48	Massive Gravity in Three Dimensions. Physical Review Letters, 2009, 102, 201301.	7.8	682
49	More on massive 3D gravity. Physical Review D, 2009, 79, .	4.7	245
50	Light-cone M5 and multiple M2-branes. Classical and Quantum Gravity, 2008, 25, 245003.	4.0	42
51	The D2 SUSY zoo. Journal of High Energy Physics, 2007, 2007, 013-013.	4.7	7
52	Planar super-Landau models. Journal of High Energy Physics, 2006, 2006, 143-143.	4.7	23
53	Field theory supertubes. Comptes Rendus Physique, 2005, 6, 271-277.	0.9	10
54	Non-Relativistic Superbranes. Journal of High Energy Physics, 2004, 2004, 051-051.	4.7	55

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55	Cosmology as geodesic motion. Classical and Quantum Gravity, 2004, 21, 5375-5396.	4.0	38
56	Odd coset quantum mechanics. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 566, 175-182.	4.1	7
57	Accelerating Cosmologies from Compactification. Physical Review Letters, 2003, 91, 061302.	7.8	202
58	Surprises with Angular Momentum. , 2003, , 183-195.		0
59	Supersymmetric Defect Expansion in CFT from AdS Supertubes. Journal of High Energy Physics, 2002, 2002, 048-048.	4.7	12
60	Tachyons, supertubes and brane/anti-brane systems. Journal of High Energy Physics, 2002, 2002, 016-016.	4.7	77
61	Intersoliton forces in the Wess-Zumino model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 530, 227-234.	4.1	16
62	Supercurves. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 538, 366-374.	4.1	35
63	Supergravity supertubes. Journal of High Energy Physics, 2001, 2001, 011-011.	4.7	151
64	Quintessence from M-theory. Journal of High Energy Physics, 2001, 2001, 042-042.	4.7	65
65	The heterotic dyonic instanton. Journal of High Energy Physics, 2001, 2001, 046-046.	4.7	27
66	D-brane solitons in supersymmetric sigma models. Physical Review D, 2001, 63, .	4.7	99
67	Multidomain walls in massive supersymmetric sigma models. Physical Review D, 2001, 64, .	4.7	87
68	Supersymmetric intersecting domain walls in massive hyper-Kähler sigma models. Physical Review D, 2001, 63, .	4.7	55
69	Supertubes. Physical Review Letters, 2001, 87, 011602.	7.8	213
70	M-brane interpolations and (2,0) renormalization group flow. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 495, 201-206.	4.1	6
71	Solitons on the supermembrane. Journal of High Energy Physics, 1999, 1999, 021-021.	4.7	34
72	The domain-wall/QFT correspondence. Journal of High Energy Physics, 1999, 1999, 003-003.	4.7	225

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73	Black holes of $D = 5$ supergravity. Classical and Quantum Gravity, 1999, 16, 1-21.	4.0	217
74	BPS bounds for worldvolume branes. Journal of High Energy Physics, 1998, 1998, 003-003.	4.7	108
75	Conformal theory of M2, D3, M5 and 'D1+D5' branes. Journal of High Energy Physics, 1998, 1998, 004-004.	4.7	67
76	M-theory superalgebra from the M-5-brane. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 265-273.	4.1	68
77	Wave equations for arbitrary spin from quantization of the extended supersymmetric spinning particle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 215, 555-558.	4.1	120
78	Supersymmetry and the division algebras. Nuclear Physics B, 1983, 221, 357-380.	2.5	287
79	Zwei-Dreibein Gravity: A Two-Frame-Field Model of 3D Massive Gravity. , 0, .		1