

# 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	Massive Gravity in Three Dimensions. <i>Physical Review Letters</i> , 2009, 102, 201301.	7.8	682
2	Supersymmetry and the division algebras. <i>Nuclear Physics B</i> , 1983, 221, 357-380.	2.5	287
3	More on massive 3D gravity. <i>Physical Review D</i> , 2009, 79, .	4.7	245
4	The domain-wall/QFT correspondence. <i>Journal of High Energy Physics</i> , 1999, 1999, 003-003.	4.7	225
5	Black holes of $D = 5$ supergravity. <i>Classical and Quantum Gravity</i> , 1999, 16, 1-21.	4.0	217
6	Supertubes. <i>Physical Review Letters</i> , 2001, 87, 011602.	7.8	213
7	Accelerating Cosmologies from Compactification. <i>Physical Review Letters</i> , 2003, 91, 061302.	7.8	202
8	Supergravity supertubes. <i>Journal of High Energy Physics</i> , 2001, 2001, 011-011.	4.7	151
9	Wave equations for arbitrary spin from quantization of the extended supersymmetric spinning particle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988, 215, 555-558.	4.1	120
10	Massive 3D supergravity. <i>Classical and Quantum Gravity</i> , 2010, 27, 025010.	4.0	115
11	BPS bounds for worldvolume branes. <i>Journal of High Energy Physics</i> , 1998, 1998, 003-003.	4.7	108
12	Nonlinear duality-invariant conformal extension of Maxwell's equations. <i>Physical Review D</i> , 2020, 102, .	4.7	103
13	D-brane solitons in supersymmetric sigma models. <i>Physical Review D</i> , 2001, 63, .	4.7	99
14	Minimal massive 3D gravity. <i>Classical and Quantum Gravity</i> , 2014, 31, 145008.	4.0	96
15	Multidomain walls in massive supersymmetric sigma models. <i>Physical Review D</i> , 2001, 64, .	4.7	87
16	On higher derivatives in 3D gravity and higher-spin gauge theories. <i>Annals of Physics</i> , 2010, 325, 1118-1134.	2.8	84
17	Tachyons, supertubes and brane/anti-brane systems. <i>Journal of High Energy Physics</i> , 2002, 2002, 016-016.	4.7	77
18	M-theory superalgebra from the M-5-brane. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 412, 265-273.	4.1	68

#	ARTICLE	IF	CITATIONS
19	Conformal theory of M2, D3, M5 and 'D1+D5' branes. Journal of High Energy Physics, 1998, 1998, 004-004.	4.7	67
20	Quintessence from M-theory. Journal of High Energy Physics, 2001, 2001, 042-042.	4.7	65
21	Zwei-Dreibein Gravity: A Two-Frame-Field Model of 3D Massive Gravity. Physical Review Letters, 2013, 111, 111102.	7.8	56
22	Supersymmetric intersecting domain walls in massive hyper-Kähler sigma models. Physical Review D, 2001, 63, .	4.7	55
23	Non-Relativistic Superbranes. Journal of High Energy Physics, 2004, 2004, 051-051.	4.7	55
24	Modes of log gravity. Physical Review D, 2011, 83, .	4.7	47
25	On p-form gauge theories and their conformal limits. Journal of High Energy Physics, 2021, 2021, 1.	4.7	47
26	More on massive 3D supergravity. Classical and Quantum Gravity, 2011, 28, 015002.	4.0	44
27	Light-cone M5 and multiple M2-branes. Classical and Quantum Gravity, 2008, 25, 245003.	4.0	42
28	Cosmology as geodesic motion. Classical and Quantum Gravity, 2004, 21, 5375-5396.	4.0	38
29	Thermodynamics of 'Exotic'-Bañados-Teitelboim-Zanelli Black Holes. Physical Review Letters, 2013, 110, 241302.	7.8	38
30	Anyons from Strings. Physical Review Letters, 2010, 105, 191601.	7.8	36
31	Supercurves. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 538, 366-374.	4.1	35
32	Solitons on the supermembrane. Journal of High Energy Physics, 1999, 1999, 021-021.	4.7	34
33	On the Hamiltonian form of 3D massive gravity. Physical Review D, 2012, 86, .	4.7	34
34	Chern-Simons-Like Gravity Theories. Lecture Notes in Physics, 2015, , 181-201.	0.7	33
35	Exotic massive 3D gravity. Journal of High Energy Physics, 2018, 2018, 1.	4.7	32
36	ModMax meets Susy. Journal of High Energy Physics, 2021, 2021, 1.	4.7	32

#	ARTICLE	IF	CITATIONS
37	Matter coupling in 3D $\hat{c}$ -minimal massive gravity <sup>TM</sup> . <i>Classical and Quantum Gravity</i> , 2014, 31, 235012.	4.0	29
38	The heterotic dyonic instanton. <i>Journal of High Energy Physics</i> , 2001, 2001, 046-046.	4.7	27
39	On massive gravitons in 2+1 dimensions. <i>Journal of Physics: Conference Series</i> , 2010, 229, 012005.	0.4	26
40	On maximal massive 3D supergravity. <i>Classical and Quantum Gravity</i> , 2010, 27, 235012.	4.0	26
41	A spin-4 analog of 3D massive gravity. <i>Classical and Quantum Gravity</i> , 2011, 28, 245007.	4.0	25
42	Planar super-Landau models. <i>Journal of High Energy Physics</i> , 2006, 2006, 143-143.	4.7	23
43	SDiff gauge theory and the M2 condensate. <i>Journal of High Energy Physics</i> , 2009, 2009, 013-013.	4.7	22
44	The third way to 3D gravity. <i>International Journal of Modern Physics D</i> , 2015, 24, 1544015.	2.1	22
45	The Galilean superstring. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	22
46	On $\hat{c}$ -new massive $\hat{c}$ -4D gravity. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	20
47	Minimal massive 3D gravity unitarity redux. <i>Classical and Quantum Gravity</i> , 2015, 32, 085003.	4.0	18
48	Tachyons in the Galilean limit. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	18
49	Intersoliton forces in the Wess $\hat{c}$ -Zumino model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 530, 227-234.	4.1	16
50	Quantum 3D superstrings. <i>Physical Review D</i> , 2011, 84, .	4.7	16
51	Supertwistors and massive particles. <i>Annals of Physics</i> , 2014, 346, 66-90.	2.8	16
52	Manifestly Lorentz Invariant Chiral Boson Action. <i>Physical Review Letters</i> , 2020, 124, 101604.	7.8	15
53	On Critical Massive (Super)Gravity in adS3. <i>Journal of Physics: Conference Series</i> , 2011, 314, 012009.	0.4	14
54	Semionic supersymmetric solitons. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2010, 43, 465401.	2.1	13

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55	Gravity and the Spin-2 Planar Schrödinger Equation. <i>Physical Review Letters</i> , 2018, 120, 141601.	7.8	13
56	Supersymmetric Defect Expansion in CFT from AdS Supertubes. <i>Journal of High Energy Physics</i> , 2002, 2002, 048-048.	4.7	12
57	Anti-de Sitter Particles and Manifest (Super)Isometries. <i>Physical Review Letters</i> , 2017, 118, 141601.	7.8	12
58	On asymptotic charges in 3D gravity. <i>Classical and Quantum Gravity</i> , 2020, 37, 035003.	4.0	11
59	Field theory supertubes. <i>Comptes Rendus Physique</i> , 2005, 6, 271-277.	0.9	10
60	Yang-Mills as Massive Chern-Simons Theory: A Third Way to Three-Dimensional Gauge Theories. <i>Physical Review Letters</i> , 2015, 114, 181603.	7.8	9
61	Twistors and the massive spinning particle. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 025401.	2.1	8
62	Odd coset quantum mechanics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 566, 175-182.	4.1	7
63	The D2 SUSY zoo. <i>Journal of High Energy Physics</i> , 2007, 2007, 013-013.	4.7	7
64	Twistor form of massive 6D superparticle. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 025402.	2.1	7
65	Twistor description of spinning particles in AdS. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	7
66	M-brane interpolations and (2,0) renormalization group flow. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 495, 201-206.	4.1	6
67	On-shell versus off-shell equivalence in 3D gravity. <i>Classical and Quantum Gravity</i> , 2019, 36, 095013.	4.0	6
68	DBI in the IR. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2020, 53, 044002.	2.1	6
69	Gravitons in Flatland. <i>Springer Proceedings in Physics</i> , 2011, , 291-300.	0.2	6
70	Pauli-Lubanski, supertwistors, and the superspinning particle. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	4
71	On Non-Relativistic 3D Spin-1 Theories. <i>Physics of Particles and Nuclei</i> , 2018, 49, 813-817.	0.7	4
72	Equivalence of 3D spinning string and superstring. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	3

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73	All superparticles are BPS. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2014, 47, 175401.	2.1	3
74	An interacting conformal chiral 2-form electrodynamics in six dimensions. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2020, 476, 20190863.	2.1	3
75	Worldline CPT and massless supermultiplets. <i>International Journal of Modern Physics A</i> , 2016, 31, 1650152.	1.5	2
76	Aether, dark energy and string compactifications. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, .	3.4	2
77	Non-relativistic limits and 3D massive gravity. <i>Journal of Physics: Conference Series</i> , 2019, 1194, 012013.	0.4	1
78	Zwei-Dreibein Gravity: A Two-Frame-Field Model of 3D Massive Gravity. , 0, .		1
79	Surprises with Angular Momentum. , 2003, , 183-195.		0