

David C Dunbar

List of Publications by Year in descending order

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56
papers

3,549
citations

304743

22
h-index

168389

53
g-index

57
all docs

57
docs citations

57
times ranked

2514
citing authors

#	ARTICLE	IF	CITATIONS
19	Counterterms in type I supergravities. Journal of High Energy Physics, 2000, 2000, 046-046.	4.7	26
20	$\langle n \rangle$ -point amplitudes with a single negative-helicity graviton. Physical Review D, 2015, 92, .	4.7	25
21	Augmented recursion for one-loop gravity amplitudes. Journal of High Energy Physics, 2010, 2010, 1.	4.7	23
22	Analytic all-plus-helicity gluon amplitudes in QCD. Physical Review D, 2017, 96, .	4.7	19
23	Coupling of open to closed bosonic strings in four dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 203, 109-117.	4.1	18
24	MAVERICK EXAMPLES OF COSET CONFORMAL FIELD THEORIES. Modern Physics Letters A, 1993, 08, 2803-2814.	1.2	18
25	CHARACTERS FOR COSET CONFORMAL FIELD THEORIES AND MAVERICK EXAMPLES. International Journal of Modern Physics A, 1993, 08, 4103-4121.	1.5	18
26	Two-loop n-point all-plus helicity amplitude. Physical Review D, 2016, 93, .	4.7	17
27	The unitarity method using a canonical basis approach. Journal of High Energy Physics, 2009, 2009, 056-056.	4.7	16
28	Perturbative expansion of $N=8$ Supergravity. Physical Review D, 2011, 83, .	4.7	16
29	Open superstrings in four dimensions. Physical Review Letters, 1990, 64, 827-830.	7.8	15
30	Type I superstrings in dimensions less than ten (I): Model construction. Nuclear Physics B, 1989, 319, 72-103.	2.5	14
31	Gravity and form scattering and renormalization of gravity in six and eight dimensions. Classical and Quantum Gravity, 2003, 20, 2293-2324.	4.0	14
32	Color dressed unitarity and recursion for Yang-Mills two-loop all-plus amplitudes. Physical Review D, 2020, 101, .	4.7	13
33	Complex factorization and recursion for one-loop amplitudes. Physical Review D, 2012, 86, .	4.7	12
34	Yukawa couplings in four-dimensional fermionic string models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 219, 76-82.	4.1	11
35	Maximal-Helicity-Violating n-Point One-Loop Amplitude in $N=4$ Supergravity. Physical Review Letters, 2012, 108, 061603.	7.8	10
36	Four-dimensional heterotic string models with rank $\frac{1}{26}$ observable gauge group. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 212, 23-27.	4.1	9

#	ARTICLE	IF	CITATIONS
37	Bosonisation of four dimensional real fermionic string models and asymmetric orbifolds. Nuclear Physics B, 1990, 330, 124-150.	2.5	9
38	n -point QCD two-loop amplitude. Physical Review D, 2020, 101, .	4.7	9
39	Full color two-loop six-gluon all-plus helicity amplitude. Physical Review D, 2020, 101, .	4.7	8
40	Obtaining one-loop gravity amplitudes using spurious singularities. Physical Review D, 2011, 84, .	4.7	7
41	Perturbative Gravity and Twistor Space. Nuclear Physics, Section B, Proceedings Supplements, 2006, 160, 215-219.	0.4	6
42	Constructing gravity amplitudes from real soft and collinear factorization. Physical Review D, 2012, 86, .	4.7	6
43	Two-loop gravity amplitudes from four dimensional unitarity. Physical Review D, 2017, 95, .	4.7	5
44	Loop amplitudes in an extended gravity theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 41-47.	4.1	5
45	Ultra-violet infinities and counterterms in higher-dimensional Yang-Mills. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 547, 278-290.	4.1	4
46	The Six Gluon One-Loop Amplitude. Nuclear Physics, Section B, Proceedings Supplements, 2008, 183, 122-136.	0.4	4
47	Augmented Recursion For One-loop Amplitudes. Nuclear Physics, Section B, Proceedings Supplements, 2010, 205-206, 74-79.	0.4	4
48	Diagrammar in an extended theory of gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 230-234.	4.1	4
49	TOROIDAL COMPACTIFICATION OF OPEN AND CLOSED BOSONIC STRINGS. Modern Physics Letters A, 1988, 03, 571-579.	1.2	3
50	Recursive Approach to One-loop QCD Matrix Elements. Nuclear Physics, Section B, Proceedings Supplements, 2006, 157, 120-124.	0.4	3
51	N supergravity next-to-maximally-helicity-violating six-point one-loop amplitude. Physical Review D, 2016, 94, .	4.7	3
52	SIMILARITIES OF GAUGE AND GRAVITY AMPLITUDES. , 2007, , .		3
53	Exploiting Twistor Techniques for One-loop QCD Amplitudes. Nuclear Physics, Section B, Proceedings Supplements, 2006, 160, 66-70.	0.4	2
54	Non-diagonal modular invariants and extensions of Kac-Moody algebras. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 248, 317-322.	4.1	0

#	ARTICLE	IF	CITATIONS
55	PERTURBATIVE APPROACHES TO QUANTUM GRAVITY AND STRINGS. , 2006, , .		0
56	Analytic results for two-loop Yang-Mills. , 2018, , .		0