

# Henriette Elvang

## List of Publications by Year in descending order

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46  
papers

2,752  
citations

186265

28  
h-index

223800

46  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3559  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Supersymmetric Black Ring. <i>Physical Review Letters</i> , 2004, 93, 211302.	7.8	271
2	Black saturn. <i>Journal of High Energy Physics</i> , 2007, 2007, 050-050.	4.7	199
3	Supersymmetric black rings and three-charge supertubes. <i>Physical Review D</i> , 2005, 71, .	4.7	152
4	Generating tree amplitudes in $\mathcal{N} = 4$ SYM and $\mathcal{N} = 8$ SG. <i>Journal of High Energy Physics</i> , 2008, 2008, 063-063.	4.7	138
5	Black rings, supertubes, and a stringy resolution of black hole non-uniqueness. <i>Journal of High Energy Physics</i> , 2003, 2003, 035-035.	4.7	114
6	Bicycling black rings. <i>Journal of High Energy Physics</i> , 2008, 2008, 045-045.	4.7	111
7	On renormalization group flows and the a-theorem in 6d. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	105
8	Supersymmetric 4D rotating black holes from 5D black rings. <i>Journal of High Energy Physics</i> , 2005, 2005, 042-042.	4.7	90
9	A charged rotating black ring. <i>Physical Review D</i> , 2003, 68, .	4.7	86
10	Non-supersymmetric black rings as thermally excited supertubes. <i>Journal of High Energy Physics</i> , 2005, 2005, 031-031.	4.7	78
11	Holography for $N$ $\mathcal{N} = 2^*$ on $S^4$ . <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	75
12	On-shell constructibility of tree amplitudes in general field theories. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	72
13	Recursion relations, generating functions, and unitarity sums in $\mathcal{N} = 4$ SYM theory. <i>Journal of High Energy Physics</i> , 2009, 2009, 009-009.	4.7	68
14	Soft bootstrap and supersymmetry. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	68
15	Stringy KLT relations, global symmetries, and $E_{7(7)}$ -violation. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	65
16	Soft Photon and Graviton Theorems in Effective Field Theory. <i>Physical Review Letters</i> , 2017, 118, 231601.	7.8	60
17	Dynamics and stability of black rings. <i>Journal of High Energy Physics</i> , 2006, 2006, 074-074.	4.7	57
18	A simple approach to counterterms in $N=8$ supergravity. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	57

#	ARTICLE	IF	CITATIONS
19	Proof of the MHV vertex expansion for all tree amplitudes in $\mathcal{N} = 4$ SYM theory. Journal of High Energy Physics, 2009, 2009, 068-068.	4.7	47
20	Sequences of Bubbles and Holes: New Phases of Kaluza-Klein Black Holes. Journal of High Energy Physics, 2005, 2005, 003-003.	4.7	46
21	Phases of five-dimensional black holes. Journal of High Energy Physics, 2007, 2007, 056-056.	4.7	46
22	On-shell superamplitudes in $\mathcal{N} \leq 4$ SYM. Journal of High Energy Physics, 2011, 2011, 1.	4.7	46
23	When black holes meet Kaluza-Klein bubbles. Physical Review D, 2003, 67, .	4.7	45
24	Solution to the Ward identities for superamplitudes. Journal of High Energy Physics, 2010, 2010, 1.	4.7	42
25	Massive amplitudes on the Coulomb branch of $\mathcal{N} = 4$ SYM. Journal of High Energy Physics, 2011, 2011, 1.	4.7	42
26	Note on graviton MHV amplitudes. Journal of High Energy Physics, 2008, 2008, 096-096.	4.7	41
27	RG flows in d dimensions, the dilaton effective action, and the a-theorem. Journal of High Energy Physics, 2013, 2013, 1.	4.7	33
28	Holography for $\mathcal{N} = 1$ on $S^4$ . Journal of High Energy Physics, 2016, 2016, 1.	4.7	32
29	Grassmannians for scattering amplitudes in 4d $\mathcal{N} = 4$ SYM and 3d ABJM. Journal of High Energy Physics, 2014, 2014, 1.	4.7	28
30	Dual conformal symmetry of 1-loop NMHV amplitudes in $\mathcal{N} = 4$ SYM theory. Journal of High Energy Physics, 2010, 2010, 1.	4.7	26
31	Anomaly cancellation in supergravity with Fayet-Iliopoulos couplings. Journal of High Energy Physics, 2006, 2006, 068-068.	4.7	24
32	A practical approach to the Hamilton-Jacobi formulation of holographic renormalization. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24
33	Generalizations of the double-copy: the KLT bootstrap. Journal of High Energy Physics, 2022, 2022, 1.	4.7	23
34	Semi-direct gauge mediation with the 4-1 model. Journal of High Energy Physics, 2009, 2009, 026-026.	4.7	22
35	SUSY Ward identities, superamplitudes and counterterms. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 454009.	2.1	22
36	Exact results for corner contributions to the entanglement entropy and Rényi entropies of free bosons and fermions in 3d. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 749, 383-388.	4.1	21

#	ARTICLE	IF	CITATIONS
37	From fake supergravity to superstars. <i>Journal of High Energy Physics</i> , 2007, 2007, 023-023.	4.7	17
38	Integrands for QCD rational terms and $\mathcal{N} = 4$ SYM from massive CSW rules. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	13
39	On the supersymmetrization of Galileon theories in four dimensions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 781, 656-663.	4.1	13
40	Electromagnetic duality and D3-brane scattering amplitudes beyond leading order. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	9
41	All-multiplicity one-loop amplitudes in Born-Infeld electrodynamics from generalized unitarity. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	9
42	On universality in ergoregion mergers. <i>Classical and Quantum Gravity</i> , 2009, 26, 085011.	4.0	8
43	Dilaton effective action with $\mathcal{N} = 1$ supersymmetry. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	7
44	Bootstrap and amplitudes: a hike in the landscape of quantum field theory. <i>Reports on Progress in Physics</i> , 2021, 84, 074201.	20.1	7
45	Phases of Kaluza-Klein black holes. <i>Classical and Quantum Gravity</i> , 2004, 21, S1509-S1516.	4.0	6
46	Diagrammatic Young projection operators for $U(n)$ . <i>Journal of Mathematical Physics</i> , 2005, 46, 043501.	1.1	6