

# Simon Caron-Huot

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5748685/publications.pdf>

Version: 2024-02-01

47  
papers

3,037  
citations

159585

30  
h-index

223800

46  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1030  
citing authors



#	ARTICLE	IF	CITATIONS
19	Loops and trees. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	64
20	The double pentagonal ladder integral to all orders. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	52
21	Asymptotics of thermal spectral functions. <i>Physical Review D</i> , 2009, 79, .	4.7	51
22	Spinor helicity and dual conformal symmetry in ten dimensions. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	51
23	Dispersive CFT sum rules. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	49
24	A conformal dispersion relation: correlations from absorption. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	48
25	AdS bulk locality from sharp CFT bounds. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	48
26	Integrability of black hole orbits in maximal supergravity. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	42
27	Two-parton scattering in the high-energy limit. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	39
28	High-energy evolution to three loops. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	38
29	Hydrodynamic long-time tails from Anti de Sitter space. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	35
30	Fluctuation, dissipation, and thermalization in nonequilibrium $\text{AdS}_5$ black hole geometries. <i>Physical Review D</i> , 2011, 84, .	4.7	35
31	The two-loop six-point amplitude in ABJM theory. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	29
32	Subleading Regge limit from a soft anomalous dimension. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	23
33	Duals of Feynman integrals. Part I. Differential equations. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	21
34	High-energy supersymmetry at finite temperature. <i>Physical Review D</i> , 2009, 79, .	4.7	19
35	Infrared singularities of QCD scattering amplitudes in the Regge limit to all orders. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	19
36	Three-loop octagons and n-gons in maximally supersymmetric Yang-Mills theory. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	17

#	ARTICLE	IF	CITATIONS
37	Multi-Regge limit of the two-loop five-point amplitudes in $\mathcal{N} = 4$ super Yang-Mills and $\mathcal{N} = 8$ supergravity. Journal of High Energy Physics, 2020, 2020, 1.	4.7	17
38	Solvable Relativistic Hydrogenlike System in Supersymmetric Yang-Mills Theory. Physical Review Letters, 2014, 113, 161601.	7.8	16
39	Ten dimensional symmetry of $\mathcal{N} = 4$ SYM correlators. Journal of High Energy Physics, 2022, 2022, 1.	4.7	16
40	Duals of Feynman Integrals. Part II. Generalized unitarity. Journal of High Energy Physics, 2022, 2022, 1.	4.7	15
41	Hard thermal loops in the real-time formalism. Journal of High Energy Physics, 2009, 2009, 004-004.	4.7	14
42	Two-parton scattering amplitudes in the Regge limit to high loop orders. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
43	Helicity basis for three-dimensional conformal field theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
44	Conformal Regge theory at finite boost. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
45	Superpropagator and superconformal invariants. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 1083-1088.	4.1	4
46	Transverse diffusion ( $\hat{q}$ ) at weak coupling. Nuclear Physics A, 2009, 820, 115c-118c.	1.5	2
47	$\hat{q}$ -hat and jet quenching. Nuclear Physics A, 2011, 855, 38-43.	1.5	0