

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
1	Ten dimensional symmetry of $\mathcal{N} = 4$ SYM correlators. Journal of High Energy Physics, 2022, 2022, 1.	4.7	16
2	Duals of Feynman Integrals. Part II. Generalized unitarity. Journal of High Energy Physics, 2022, 2022, 1.	4.7	15
3	Dispersive CFT sum rules. Journal of High Energy Physics, 2021, 2021, 1.	4.7	49
4	Extremal effective field theories. Journal of High Energy Physics, 2021, 2021, 1.	4.7	94
5	Conformal Regge theory at finite boost. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
6	Helicity basis for three-dimensional conformal field theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	11
7	Sharp boundaries for the swampland. Journal of High Energy Physics, 2021, 2021, 1.	4.7	81
8	AdS bulk locality from sharp CFT bounds. Journal of High Energy Physics, 2021, 2021, 1.	4.7	48
9	Duals of Feynman integrals. Part I. Differential equations. Journal of High Energy Physics, 2021, 2021, 1.	4.7	21
10	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
11	A conformal dispersion relation: correlations from absorption. Journal of High Energy Physics, 2020, 2020, 1.	4.7	48
12	Two-parton scattering amplitudes in the Regge limit to high loop orders. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
13	The cosmic Galois group and extended Steinmann relations for planar $\mathcal{N} = 4$ SYM amplitudes. Journal of High Energy Physics, 2019, 2019, 1.	4.7	67
14	Integrability of black hole orbits in maximal supergravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	42
15	Six-Gluon amplitudes in planar $\mathcal{N} = 4$ super-Yang-Mills theory at six and seven loops. Journal of High Energy Physics, 2019, 2019, 1.	4.7	107
16	All tree-level correlators in AdS ₅ –S ₅ supergravity: hidden ten-dimensional conformal symmetry. Journal of High Energy Physics, 2019, 2019, 1.	4.7	92
17	High-energy evolution to three loops. Journal of High Energy Physics, 2018, 2018, 1.	4.7	38
18	Infrared singularities of QCD scattering amplitudes in the Regge limit to all orders. Journal of High Energy Physics, 2018, 2018, 1.	4.7	19

#	ARTICLE	IF	CITATIONS
19	Subleading Regge limit from a soft anomalous dimension. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	23
20	The double pentagonal ladder integral to all orders. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	52
21	Gravitational S-matrix from CFT dispersion relations. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	114
22	Two-parton scattering in the high-energy limit. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	39
23	Analyticity in spin in conformal theories. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	320
24	Solvable Relativistic Hydrogenlike System in Supersymmetric Yang-Mills Theory. <i>Physical Review Letters</i> , 2014, 113, 161601.	7.8	16
25	Iterative structure of finite loop integrals. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	69
26	The two-loop six-point amplitude in ABJM theory. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	29
27	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
28	Superpropagator and superconformal invariants. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 1083-1088.	4.1	4
29	Jumpstarting the all-loop S-matrix of planar $\mathcal{N} = 4$ super Yang-Mills. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	132
30	Uniqueness of two-loop master contours. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	134
31	Fluctuation, dissipation, and thermalization in nonequilibrium AdS_5 black hole geometries. <i>Physical Review D</i> , 2011, 84, .	4.7	35
32	The all-loop integrand for scattering amplitudes in planar $\mathcal{N} = 4$ SYM. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	314
33	Loops and trees. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	64
34	Notes on the scattering amplitude $\hat{\sigma}$ Wilson loop duality. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	139
35	Spinor helicity and dual conformal symmetry in ten dimensions. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	51
36	Superconformal symmetry and two-loop amplitudes in planar $\mathcal{N} = 4$ super Yang-Mills. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	118

#	ARTICLE	IF	CITATIONS
37	\hat{q} -and jet quenching. Nuclear Physics A, 2011, 855, 38-43.	1.5	0
38	Hydrodynamic long-time tails from Anti de Sitter space. Journal of High Energy Physics, 2010, 2010, 1.	4.7	35
39	Finite-size effects on the radiative energy loss of a fast parton in hot and dense strongly interacting matter. Physical Review C, 2010, 82, .	2.9	75
40	A way to estimate the heavy quark thermalization rate from the lattice. Journal of High Energy Physics, 2009, 2009, 053-053.	4.7	70
41	Hard thermal loops in the real-time formalism. Journal of High Energy Physics, 2009, 2009, 004-004.	4.7	14
42	Transverse diffusion (\hat{D}_T) at weak coupling. Nuclear Physics A, 2009, 820, 115c-118c.	1.5	2
43	Asymptotics of thermal spectral functions. Physical Review D, 2009, 79, .	4.7	51
44	High-energy supersymmetry at finite temperature. Physical Review D, 2009, 79, .	4.7	19
45	$O(g T^2) \approx 1.0784314 \text{ rgBT} / \text{Overlock } 10 \text{ Tf } 50 \text{ 412 } T_d$ (stretchy="false")	4.7	108
46	Heavy quark diffusion in QCD and $\beta = 4$ SYM at next-to-leading order. Journal of High Energy Physics, 2008, 2008, 081-081.	4.7	96
47	Heavy Quark Diffusion in Perturbative QCD at Next-to-Leading Order. Physical Review Letters, 2008, 100, 052301.	7.8	115