

# Jonathan R Gaunt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2015874/publications.pdf>

Version: 2024-02-01

27  
papers

1,158  
citations

516710

16  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

4216  
citing authors

#	ARTICLE	IF	CITATIONS
1	N-jettiness subtractions for NNLO QCD calculations. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	192
2	Double parton distributions incorporating perturbative QCD evolution and momentum and quark number sum rules. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	4.7	141
3	Same-sign $W$ pair production as a probe of double-parton scattering at the LHC. <i>European Physical Journal C</i> , 2010, 69, 53-65.	3.9	100
4	Double parton scattering singularity in one-loop integrals. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	74
5	The quark beam function at two loops. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	72
6	Glauber gluons and multiple parton interactions. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	63
7	The gluon beam function at two loops. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	60
8	Cancellation of Glauber gluon exchange in the double Drell-Yan process. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	60
9	Phenomenology of production and decay of spinning extra-dimensional black holes at hadron colliders. <i>Journal of High Energy Physics</i> , 2009, 2009, 014-014.	4.7	55
10	Single perturbative splitting diagrams in double parton scattering. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	55
11	Conventional versus single-ladder-splitting contributions to double parton scattering production of two quarkonia, two Higgs bosons, and $cc\bar{c}\bar{c}$ . <i>Physical Review D</i> , 2014, 90, .	4.7	46
12	Double hard scattering without double counting. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	44
13	Prospects for quarkonium studies at the high-luminosity LHC. <i>Progress in Particle and Nuclear Physics</i> , 2022, 122, 103906.	14.4	41
14	Double Parton Scattering Theory Overview. <i>Advanced Series on Directions in High Energy Physics</i> , 2018, , 7-28.	0.7	32
15	The fully-differential quark beam function at NNLO. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	20
16	A Monte-Carlo simulation of double parton scattering. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	16
17	Two-loop splitting in double parton distributions. <i>SciPost Physics</i> , 2019, 7, .	4.9	16
18	Two-current correlations in the pion on the lattice. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	15

#	ARTICLE	IF	CITATIONS
19	Two-loop beam and soft functions for rapidity-dependent jet vetoes. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
20	Transverse Momentum Dependence in Double Parton Scattering. Advances in High Energy Physics, 2019, 2019, 1-9.	1.1	10
21	Combining single and double parton scatterings in a parton shower. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
22	The fully-differential gluon beam function at NNLO. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
23	Double parton distributions in the pion from lattice QCD. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
24	Higgs production at NNLL <sup>2</sup> +NNLO using rapidity dependent jet vetoes. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
25	Colour unwound - disentangling colours for azimuthal asymmetries in Drell-Yan scattering. SciPost Physics, 2017, 3, .	4.9	4
26	Cancellation of Glauber Gluon Exchange in the Double Drell-Yan Process. Few-Body Systems, 2016, 57, 399-403.	1.5	1
27	Title is missing!. , 2017, , .		0