

# 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	Prospects for quarkonium studies at the high-luminosity LHC. Progress in Particle and Nuclear Physics, 2022, 122, 103906.	14.4	41
2	Double parton distributions in the pion from lattice QCD. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
3	Combining single and double parton scatterings in a parton shower. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
4	The fully-differential gluon beam function at NNLO. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
5	Higgs production at NNLL $\hat{+}$ NNLO using rapidity dependent jet vetoes. Journal of High Energy Physics, 2020, 2020, 1.	4.7	5
6	Transverse Momentum Dependence in Double Parton Scattering. Advances in High Energy Physics, 2019, 2019, 1-9.	1.1	10
7	A Monte-Carlo simulation of double parton scattering. Journal of High Energy Physics, 2019, 2019, 1.	4.7	16
8	Two-loop splitting in double parton distributions. SciPost Physics, 2019, 7, .	4.9	16
9	Two-current correlations in the pion on the lattice. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
10	Double Parton Scattering Theory Overview. Advanced Series on Directions in High Energy Physics, 2018, , 7-28.	0.7	32
11	Two-loop beam and soft functions for rapidity-dependent jet vetoes. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
12	Double hard scattering without double counting. Journal of High Energy Physics, 2017, 2017, 1.	4.7	44
13	Colour unwound - disentangling colours for azimuthal asymmetries in Drell-Yan scattering. SciPost Physics, 2017, 3, .	4.9	4
14	Title is missing!. , 2017, , .		0
15	Cancellation of Glauber gluon exchange in the double Drell-Yan process. Journal of High Energy Physics, 2016, 2016, 1.	4.7	60
16	Cancellation of Glauber Gluon Exchange in the Double Drell-Yan Process. Few-Body Systems, 2016, 57, 399-403.	1.5	1
17	N-jettiness subtractions for NNLO QCD calculations. Journal of High Energy Physics, 2015, 2015, 1.	4.7	192
18	Conventional versus single-ladder-splitting contributions to double parton scattering production of two quarkonia, two Higgs bosons, and $cc\bar{c}\bar{c}$ . Physical Review D, 2014, 90, .	4.7	46

#	ARTICLE	IF	CITATIONS
19	The fully-differential quark beam function at NNLO. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
20	The quark beam function at two loops. Journal of High Energy Physics, 2014, 2014, 1.	4.7	72
21	Glauber gluons and multiple parton interactions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	63
22	The gluon beam function at two loops. Journal of High Energy Physics, 2014, 2014, 1.	4.7	60
23	Single perturbative splitting diagrams in double parton scattering. Journal of High Energy Physics, 2013, 2013, 1.	4.7	55
24	Double parton scattering singularity in one-loop integrals. Journal of High Energy Physics, 2011, 2011, 1.	4.7	74
25	Same-sign $W$ pair production as a probe of double-parton scattering at the LHC. European Physical Journal C, 2010, 69, 53-65.	3.9	100
26	Double parton distributions incorporating perturbative QCD evolution and momentum and quark number sum rules. Journal of High Energy Physics, 2010, 2010, 1.	4.7	141
27	Phenomenology of production and decay of spinning extra-dimensional black holes at hadron colliders. Journal of High Energy Physics, 2009, 2009, 014-014.	4.7	55