

Mrinal Dasgupta

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7278673/mrinal-dasgupta-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,436
citations

20
h-index

37
g-index

39
ext. papers

1,618
ext. citations

5.2
avg, IF

4.78
L-index

#	Paper	IF	Citations
36	Investigating top tagging with Ym-Splitter and N-subjettiness. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
35	Dissecting the collinear structure of quark splitting at NNLL. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
34	Parton Showers beyond Leading Logarithmic Accuracy. <i>Physical Review Letters</i> , 2020 , 125, 052002	7.4	34
33	Groomed jet mass as a direct probe of collinear parton dynamics. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	5
32	Logarithmic accuracy of parton showers: a fixed-order study. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	45
31	Top tagging: an analytical perspective. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
30	Improved jet substructure methods: Y-splitter and variants with grooming. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	20
29	Inclusive jet spectrum for small-radius jets. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	52
28	Jet shapes for boosted jet two-prong decays from first-principles. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1-50	5.4	5
27	Small-radius jets to all orders in QCD. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	79
26	On jet substructure methods for signal jets. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	34
25	Towards an understanding of jet substructure. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	242
24	Jet substructure with analytical methods. <i>European Physical Journal C</i> , 2013 , 73, 1	4.2	83
23	Probing the low transverse momentum domain of Z production with novel variables. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	14
22	On jet mass distributions in Z+jet and dijet processes at the LHC. <i>Journal of High Energy Physics</i> , 2012 , 2012, 1	5.4	66
21	Predictions for Drell-Yan. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 715, 152-156	4.2	42
20	QCD predictions for new variables to study dilepton transverse momenta at hadron colliders. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011 , 701, 75-81	4.2	33

19	Non-global logarithms and jet algorithms in high-p T jet shapes. <i>Journal of High Energy Physics</i> , 2010 , 2010, 1	5.4	59
18	On the universality of hadronisation corrections to QCD jets. <i>Journal of High Energy Physics</i> , 2009 , 2009, 004-004	5.4	8
17	The distribution of the Z boson at hadron colliders. <i>Journal of High Energy Physics</i> , 2009 , 2009, 022-022	5.4	15
16	Non-perturbative QCD effects in jets at hadron colliders. <i>Journal of High Energy Physics</i> , 2008 , 2008, 055-055	5.4	110
15	Angular ordering and parton showers for non-global QCD observables. <i>Journal of High Energy Physics</i> , 2007 , 2007, 050-050	5.4	20
14	Aspects of power corrections in hadron-hadron collisions. <i>Journal of High Energy Physics</i> , 2007 , 2007, 013-013	5.4	3
13	On QCD resummation with kt clustering. <i>Journal of High Energy Physics</i> , 2006 , 2006, 044-044	5.4	53
12	The distribution of the Breit current hemisphere in DIS as a probe of small-x broadening effects. <i>Journal of High Energy Physics</i> , 2006 , 2006, 080-080	5.4	3
11	Event shapes in e+e- annihilation and deep inelastic scattering. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004 , 30, R143-R181	2.9	91
10	Dijet rates with symmetric cuts. <i>Journal of High Energy Physics</i> , 2004 , 2004, 027-027	5.4	42
9	On de-globalization in quantum chromodynamics 2004 , 62, 675-678		3
8	Status of resummed predictions for QCD final state observables. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2004 , 133, 53-58		
7	Accounting for coherence in interjet flow. <i>Journal of High Energy Physics</i> , 2002 , 2002, 017-017	5.4	113
6	Power corrections in QCD. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2002 , 28, 907-914	2.9	1
5	Resummed event-shape variables in DIS. <i>Journal of High Energy Physics</i> , 2002 , 2002, 032-032	5.4	65
4	Resummation of thrust distributions in DIS. <i>Journal of High Energy Physics</i> , 2000 , 2000, 001-001	5.4	35
3	Universality of 1/Q corrections revisited. <i>Journal of High Energy Physics</i> , 1999 , 1999, 025-025	5.4	22
2	Power corrections to fragmentation functions in non-singlet deep inelastic scattering. <i>Journal of High Energy Physics</i> , 1998 , 1998, 017-017	5.4	8

- 1 Two-loop enhancement factor for $1/Q$ corrections to event shapes in deep inelastic scattering.
Journal of High Energy Physics, **1998**, 1998, 001-001 5.4 19