

Stefan HÃ¶che

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,019
citations

279798

23
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454955

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g-index

32
all docs

32
docs citations

32
times ranked

5410
citing authors

#	ARTICLE	IF	CITATIONS
1	Disentangling soft and collinear effects in QCD parton showers. Physical Review D, 2022, 105, .	4.7	11
2	Challenges in Monte Carlo Event Generator Software for High-Luminosity LHC. Computing and Software for Big Science, 2021, 5, 1.	2.9	23
3	Event generation with normalizing flows. Physical Review D, 2020, 101, .	4.7	59
4	Simulation of vector boson plus many jet final states at the high luminosity LHC. Physical Review D, 2019, 100, .	4.7	21
5	Multijet merging in a variable flavor number scheme. Physical Review D, 2019, 100, .	4.7	7
6	Event generation with Sherpa 2.2. SciPost Physics, 2019, 7, .	4.9	376
7	Leading-color fully differential two-loop soft corrections to QCD dipole showers. Physical Review D, 2018, 98, .	4.7	40
8	Hadronic final states in DIS at NNLO QCD with parton showers. Physical Review D, 2018, 98, .	4.7	15
9	Triple collinear emissions in parton showers. Physical Review D, 2017, 96, .	4.7	47
10	Implementing NLO DGLAP evolution in parton showers. Journal of High Energy Physics, 2017, 2017, 1.	4.7	53
11	Drell-Yan lepton pair production at NNLO QCD with parton showers. Physical Review D, 2015, 91, .	4.7	79
12	The midpoint between dipole and parton showers. European Physical Journal C, 2015, 75, 1.	3.9	89
13	Beyond standard model calculations with Sherpa. European Physical Journal C, 2015, 75, 135.	3.9	46
14	Higgs-boson production through gluon fusion at NNLO QCD with parton showers. Physical Review D, 2014, 90, .	4.7	56
15	Uncertainties in MEPS@NLO calculations of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">h \langle \text{mml:mrow} \langle \text{mml:mi} \rangle + \langle \text{mml:mo} \rangle + \langle \text{mml:mo} \rangle \langle \text{mml:mtext mathvariant="bold"} \rangle \text{ jets} \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review D, 2014, 90, .	4.7	31
16	Applications of higher-order QCD. International Journal of Modern Physics A, 2014, 29, 1430061.	1.5	0
17	NLO QCD matrix elements + parton showers in $e+e \hat{\rightarrow} \hat{\rightarrow}$ hadrons. Journal of High Energy Physics, 2013, 2013, 1.	4.7	95
18	W+n-Jet Predictions at the Large Hadron Collider at Next-To-Leading Order Matched with a Parton Shower. Physical Review Letters, 2013, 110, 052001.	7.8	45

#	ARTICLE	IF	CITATIONS
19	Zero and one jet combined next-to-leading order analysis of the top quark forward-backward asymmetry. <i>Physical Review D</i> , 2013, 88, .	4.7	41
20	Uncertainties in next-to-leading order plus parton shower matched simulations of inclusive jet and dijet production. <i>Physical Review D</i> , 2012, 86, .	4.7	45
21	A critical appraisal of NLO+PS matching methods. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	239
22	Automating the Powheg method in Sherpa. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	70
23	NLO matrix elements and truncated showers. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	97
24	General-purpose event generators for LHC physics. <i>Physics Reports</i> , 2011, 504, 145-233.	25.6	337
25	Hadronic final states in deep-inelastic scattering with Sherpa. <i>European Physical Journal C</i> , 2010, 67, 73-97.	3.9	50
26	Hard photon production and matrix-element parton-shower merging. <i>Physical Review D</i> , 2010, 81, .	4.7	91
27	QCD matrix elements and truncated showers. <i>Journal of High Energy Physics</i> , 2009, 2009, 053-053.	4.7	357
28	Multi-jet events in the k_T -factorisation scheme. <i>European Physical Journal C</i> , 2008, 58, 17-28.	3.9	9
29	Searching for Nambu-Goldstone bosons at the LHC. <i>Journal of High Energy Physics</i> , 2008, 2008, 036-036.	4.7	19
30	Comix, a new matrix element generator. <i>Journal of High Energy Physics</i> , 2008, 2008, 039-039.	4.7	502
31	Color-dressed recursive relations for multi-parton amplitudes. <i>Journal of High Energy Physics</i> , 2006, 2006, 062-062.	4.7	65
32	Jets and Jet Substructure at Future Colliders. <i>Frontiers in Physics</i> , 0, 10, .	2.1	4