

# Jadach Stanisław

## List of Publications by Year in descending order

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69  
papers

4,125  
citations

218677

26  
h-index

114465

63  
g-index

69  
all docs

69  
docs citations

69  
times ranked

4916  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Monte Carlo Program KKMC, for the Lepton or Quark Pair Production at LEP/SLC Energies Updates of electroweak calculations. Computer Physics Communications, 2021, 260, 107734.	7.5	13
2	Theory requirements for SM Higgs and EW precision physics at the FCC-ee. European Physical Journal Plus, 2021, 136, 1.	2.6	5
3	Study of theoretical luminosity precision for electron colliders at higher energies. European Physical Journal C, 2021, 81, 1.	3.9	1
4	QED exponentiation for quasi-stable charged particles: the $e^+e^- \rightarrow W^-W^+$ process. European Physical Journal C, 2020, 80, 1.	3.9	4
5	Systematic studies of exact $\mathcal{O}(\alpha_s^2)$ corrections to the $e^+e^- \rightarrow W^-W^+Z$ process. European Physical Journal C, 2020, 80, 1.	4.7	5
6	The path to 0.01% theoretical luminosity precision for the FCC-ee. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 314-321.	4.1	11
7	QED challenges at FCC-ee precision measurements. European Physical Journal C, 2019, 79, 1.	3.9	10
8	Monte Carlo simulations of Higgs-boson production at the LHC with the KrkNLO method. European Physical Journal C, 2017, 77, 1.	3.9	3
9	Precision studies of observables in $pp \rightarrow W \rightarrow l\bar{l} \gamma$ and $pp \rightarrow \gamma Z \rightarrow l^+l^- \gamma$ processes at the LHC. European Physical Journal C, 2017, 77, 1.	3.9	48
10	KrkNLO in Herwig 7. Acta Physica Polonica B, 2017, 48, 1121.	0.8	1
11	Interference Effects in a Very Precise Measurement of the Muon Charge Asymmetry at FCC-ee. Acta Physica Polonica B, 2017, 48, 2283.	0.8	0
12	How QCD Evolution Kernels Depend on the Type of Evolution Variable. Acta Physica Polonica B, 2017, 48, 2275.	0.8	0
13	On the dependence of QCD splitting functions on the choice of the evolution variable. Journal of High Energy Physics, 2016, 2016, 1.	4.7	9
14	CEEX EW Corrections for $e^+e^- \rightarrow W^-W^+Z$ process. European Physical Journal C, 2016, 76, 1.	0.5	0
15	Resummed exact $\mathcal{O}(\alpha_s^2)$ corrections to the $e^+e^- \rightarrow W^-W^+Z$ process. European Physical Journal C, 2016, 76, 1.	4.7	9
16	Parton distribution functions in Monte Carlo factorisation scheme. European Physical Journal C, 2016, 76, 1.	3.9	7
17	Lineshape of the Higgs boson in future lepton colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 58-63.	4.1	17
18	Matching NLO QCD with parton shower in Monte Carlo scheme the KrkNLO method. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27

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19	NLO Corrections to Hard Process in Parton Shower MC — {sf KrkNLO} Method. Acta Physica Polonica B, 2015, 46, 2089.	0.8	3
20	Evolution Kernels for Parton Shower Monte Carlo. Acta Physica Polonica B, 2015, 46, 1343.	0.8	0
21	Monte Carlo Study of NLO Correction to QCD Evolution Kernel Induced by the Change of the Factorization Scale. Acta Physica Polonica B, 2014, 45, 1351.	0.8	0
22	Calculation of QCD NLO Splitting Functions in the Light-cone Gauge: a New Regularization Prescription. Acta Physica Polonica B, 2014, 45, 1361.	0.8	1
23	On regularizing the infrared singularities in QCD NLO splitting functions with the new Principal Value prescription. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 732, 218-222.	4.1	9
24	A new Monte Carlo study of evolution equation with coherence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 151-156.	4.1	2
25	Virtual Corrections to the NLO Splitting Functions for Monte Carlo: the Non-singlet Case. Acta Physica Polonica B, 2013, 44, 2197.	0.8	1
26	Drell–Yan Processes with WINHAC. Acta Physica Polonica B, 2013, 44, 2171.	0.8	11
27	NLO Corrections in the Initial-state Parton Shower Monte Carlo. Acta Physica Polonica B, 2013, 44, 2179.	0.8	7
28	KK MC 4.22: Coherent exclusive exponentiation of electroweak corrections for $f\bar{f}$ at the LHC and muon colliders. Physical Review D, 2013, 88, .	4.7	62
29	Inclusion of the QCD next-to-leading order corrections in the quark-gluon Monte Carlo shower. Physical Review D, 2013, 87, .	4.7	13
30	Title is missing!. Acta Physica Polonica B, 2012, 43, 2067.	0.8	12
31	Nonlinear equation for coherent gluon emission. Journal of High Energy Physics, 2012, 2012, 1.	4.7	27
32	Two real parton contributions to non-singlet kernels for exclusive QCD DGLAP evolution. Journal of High Energy Physics, 2011, 2011, 1.	4.7	17
33	MCdevelop — a universal framework for Stochastic Simulations. Computer Physics Communications, 2011, 182, 748-762.	7.5	6
34	Title is missing!. Acta Physica Polonica B, 2011, 42, 2433.	0.8	6
35	Title is missing!. Acta Physica Polonica B, 2011, 42, 1475.	0.8	3
36	Title is missing!. Acta Physica Polonica B, 2011, 42, 1597.	0.8	0

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37	Quest for precision in hadronic cross sections at low energy: Monte Carlo tools vs. experimental data. <i>European Physical Journal C</i> , 2010, 66, 585-686.	3.9	270
38	Monte Carlo modelling of NLO DGLAP QCD evolution in the fully unintegrated form. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2010, 205-206, 295-300.	0.4	5
39	Markovian Monte Carlo program EvLFMC v.2 for solving QCD evolution equations. <i>Computer Physics Communications</i> , 2010, 181, 393-412.	7.5	4
40	Constrained MC for QCD evolution with rapidity ordering and minimum $k_T$ . <i>Computer Physics Communications</i> , 2009, 180, 675-698.	7.5	2
41	Solving constrained Markovian evolution in QCD with the help of the non-Markovian Monte Carlo. <i>Computer Physics Communications</i> , 2006, 175, 511-527.	7.5	10
42	The Femto-experiment for the LHC: The W-boson beams and their targets*. <i>European Physical Journal C</i> , 2005, 44, 333-350.	3.9	5
43	Multiphoton radiation in leptonic W-boson decays. <i>European Physical Journal C</i> , 2003, 29, 325-339.	3.9	60
44	Foam: A general-purpose cellular Monte Carlo event generator. <i>Computer Physics Communications</i> , 2003, 152, 55-100.	7.5	54
45	Precision predictions for (un)stable $W+W\gamma$ pair production at and beyond CERN LEP2 energies. <i>Physical Review D</i> , 2002, 65, .	4.7	30
46	On theoretical uncertainties of the W boson mass measurement at LEP2. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 523, 117-126.	4.1	16
47	The Monte Carlo event generator YFSWW3 version 1.16 for W-pair production and decay at LEP2/LC energies. <i>Computer Physics Communications</i> , 2001, 140, 432-474.	7.5	70
48	The Monte Carlo program KoralW version 1.51 and the concurrent Monte Carlo KoralW&YFSWW3 with all background graphs and first-order corrections to W-pair production. <i>Computer Physics Communications</i> , 2001, 140, 475-512.	7.5	77
49	Coherent exclusive exponentiation for precision Monte Carlo calculations. <i>Physical Review D</i> , 2001, 63, .	4.7	551
50	The precision Monte Carlo event generator for two-fermion final states in collisions. <i>Computer Physics Communications</i> , 2000, 130, 260-325.	7.5	769
51	The Monte Carlo program KORALZ, for the lepton or quark pair production at LEP/SLC energies From version 4.0 to version 4.04. <i>Computer Physics Communications</i> , 2000, 124, 233-237.	7.5	31
52	Coherent exclusive exponentiation CEEX: the case of the resonant $e^+e^-$ collision. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 449, 97-108.	4.1	64
53	On the precision of calculations of initial state radiation in the LEP Z line-shape fits. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 456, 77-79.	4.1	11
54	Initial-final-state interference in the Z line-shape. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 465, 254-259.	4.1	11

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55	New results on the theoretical precision of the LEP/SLC luminosity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 450, 262-266.	4.1	28
56	Monte Carlo program KoralW 1.42 for all four-fermion final states in $e^+e^-$ collisions. Computer Physics Communications, 1999, 119, 272-311.	7.5	80
57	Exact gauge invariant YFS exponentiated Monte Carlo for (un)stable $W+W^*$ production at and beyond LEP2 energies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 417, 326-336.	4.1	64
58	Soft-pair corrections to low-angle Bhabha scattering: YFS Monte Carlo approach. Physical Review D, 1997, 55, 1206-1215.	4.7	31
59	Gauge-invariant YFS exponentiation of (un)stable Z-pair production at and beyond CERN LEP 2 energies. Physical Review D, 1997, 56, 6939-6941.	4.7	41
60	Upgrade of the Monte Carlo program BHLUMI for Bhabha scattering at low angles to version 4.04. Computer Physics Communications, 1997, 102, 229-251.	7.5	102
61	BHWIDE 1.00: $O(\hat{s})$ YFS exponentiated Monte Carlo for Bhabha scattering at wide angles for LEP1/SLC and LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 390, 298-308.	4.1	281
62	Initial state QED corrections to W-pair production at LEP2/NLC " Monte Carlo versus semi-analytical approach. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 372, 289-298.	4.1	121
63	Exact results on $O(\hat{s})$ corrections to the single hard bremsstrahlung process in low angle Bhabha scattering in the SLC/LEP energy regime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 168-176.	4.1	22
64	Soft pair real and virtual infrared functions in QED. Physical Review D, 1994, 49, 1178-1182.	4.7	7
65	The Monte Carlo program KORALZ version 4.0 for lepton or quark pair production at LEP/SLC energies. Computer Physics Communications, 1994, 79, 503-522.	7.5	340
66	The $\Gamma_{\tau}$ decay library TAUOLA, version 2.4. Computer Physics Communications, 1993, 76, 361-380.	7.5	562
67	Light pair corrections to the Z lineshape parameters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 280, 129-136.	4.1	29
68	Is there a better way of exponentiating QED corrections?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 173-178.	4.1	37
69	QCD and QED corrections to the longitudinal polarization asymmetry. Zeitschrift für Physik C-Particles and Fields, 1988, 38, 609-617.	1.5	30