

# Jan Kalinowski

## List of Publications by Year in descending order

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115  
papers

6,311  
citations

87723

38  
h-index

64668

79  
g-index

116  
all docs

116  
docs citations

116  
times ranked

6914  
citing authors

#	ARTICLE	IF	CITATIONS
1	HDECAY: a program for Higgs boson decays in the Standard Model and its supersymmetric extension. Computer Physics Communications, 1998, 108, 56-74.	3.0	1,087
2	The Snowmass Points and Slopes: benchmarks for SUSY searches. European Physical Journal C, 2002, 25, 113-123.	1.4	482
3	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
4	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	1.2	367
5	Physics interplay of the LHC and the ILC. Physics Reports, 2006, 426, 47-358.	10.3	297
6	Physics with $e^+e^-$ linear colliders. Physics Reports, 1998, 299, 1-78.	10.3	274
7	Polarized positrons and electrons at the linear collider. Physics Reports, 2008, 460, 131-243.	10.3	222
8	Supersymmetry parameter analysis: SPA convention and project. European Physical Journal C, 2006, 46, 43-60.	1.4	218
9	Analysis of the neutralino system in supersymmetric theories. European Physical Journal C, 2001, 22, 563-579.	1.4	129
10	Reconstructing the chargino system at $e^+e^-$ linear colliders. European Physical Journal C, 2000, 14, 535-546.	1.4	125
11	Higgs physics at the CLIC electron-positron linear collider. European Physical Journal C, 2017, 77, 475.	1.4	112
12	Physics at the $e^+e^-e^+e^-$ linear collider. European Physical Journal C, 2015, 75, 371.	1.4	110
13	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	1.2	108
14	HDECAY: Twenty++ years after. Computer Physics Communications, 2019, 238, 214-231.	3.0	99
15	Two- and three-body decay modes of SUSY Higgs particles. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 435-447.	1.5	97
16	Higgs radiation off top quarks in high-energy $e^+e^-$ colliders. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 255-262.	1.5	86
17	Exploring the SUSY Higgs sector at $e^+e^-$ linear colliders: a synopsis. Zeitschrift für Physik C-Particles and Fields, 1993, 57, 569-583.	1.5	83
18	Color-octet scalars of supersymmetry at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 246-252.	1.5	82

#	ARTICLE	IF	CITATIONS
19	Heavy SUSY Higgs bosons at $e^+e^-$ linear colliders. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 93-111.	1.5	79
20	SUSY decays of Higgs particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 376, 220-226.	1.5	74
21	Finding the CP-violating Higgs bosons at $e^+e^-$ colliders. Physical Review D, 1999, 60, .	1.6	69
22	Supersymmetry with R-parity breaking: Contact interactions and resonance formation in leptonic processes at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 406, 314-320.	1.5	67
23	Resolving QCD jets beyond leading order: Quark decay probabilities. Nuclear Physics B, 1981, 181, 253-276.	0.9	65
24	Exact Calculation of $W^+W^-$ for the Charged-Current Sector and Comparison with the Effective-W Approximation. Physical Review Letters, 1986, 57, 2351-2354.	2.9	62
25	Leptoquark/Squark interpretation of HERA events: Virtual effects in. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 595.	1.5	59
26	Jet calculus beyond leading logarithms. Nuclear Physics B, 1981, 181, 221-252.	0.9	55
27	Higgs boson mass and electroweak observables in the MRSSM. Journal of High Energy Physics, 2014, 2014, 1.	1.6	51
28	$B_s \rightarrow \bar{l}_i \gamma l_j$ decay in a two-Higgs-doublet model. Nuclear Physics B, 1993, 404, 3-19.	0.9	49
29	R-parity violating SUSY signals in lepton-pair production at the Tevatron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 297-304.	1.5	49
30	Semileptonic decays of B mesons into $\bar{l}_i \gamma l_j$ , in a two Higgs doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 201-206.	1.5	47
31	Limits from LEP Data on CP-Violating Nonminimal Higgs Sectors. Physical Review Letters, 1997, 79, 982-985.	2.9	46
32	The neutralino sector in the U(1)-extended supersymmetric Standard Model. Nuclear Physics B, 2007, 778, 85-128.	0.9	46
33	From the LHC to future colliders. European Physical Journal C, 2010, 66, 525-583.	1.4	45
34	Direct CP violation in $K, B \rightarrow \bar{l} l \gamma$ with heavy top quark. Nuclear Physics B, 1992, 381, 501-521.	0.9	44
35	MEASURING THE $S_H$ $\tau$ $t$ COUPLING IN $e^+e^-$ COLLISIONS. Modern Physics Letters A, 1992, 07, 1765-1769.	0.5	41
36	Benchmarking the Inert Doublet Model for $e^+e^-$ colliders. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40

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37	Do precision electroweak constraints guarantee $e^+e^-$ collider discovery of at least one Higgs boson of a two-Higgs-doublet model?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 496, 195-205.	1.5	39
38	Quark-parton model from dual topological unitarization. Physical Review D, 1979, 19, 3397-3412.	1.6	38
39	Polarized deep inelastic scattering at high energies and parity violating structure functions. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 267-273.	1.5	38
40	H/A Higgs mixing in CP-noninvariant supersymmetric theories. European Physical Journal C, 2005, 40, 555-564.	1.4	38
41	SUSY Parameter Determination in Combined Analyses at LHC/LC. Journal of High Energy Physics, 2004, 2004, 035-035.	1.6	37
42	Partons at lowPT. Physical Review D, 1980, 21, 2699-2705.	1.6	35
43	Chargino pair production at $e^+e^-$ colliders with polarized beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 235-244.	1.5	34
44	Neutralino dark matter in the USSM. Journal of High Energy Physics, 2009, 2009, 066-066.	1.6	32
45	Two-Loop Correction to the Higgs Boson Mass in the MRSSM. Advances in High Energy Physics, 2015, 2015, 1-12.	0.5	31
46	Higgs particle production at LEP in multi-doublet scenarios with hierarchy of the vacuum expectation values. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 219, 116-120.	1.5	30
47	Analysis of the neutralino system in three-body leptonic decays of neutralinos. European Physical Journal C, 2006, 46, 511-520.	1.4	26
48	Same-sign WW scattering at the LHC: can we discover BSM effects before discovering new states?. European Physical Journal C, 2018, 78, 1.	1.4	26
49	Supersymmetric lepton flavor violation in a linear collider: the role of charginos. European Physical Journal C, 2001, 21, 163-169.	1.4	24
50	Exploring the Higgs sector of the MRSSM with a light scalar. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
51	Top-quark physics at the CLIC electron-positron linear collider. Journal of High Energy Physics, 2019, 2019, 1.	1.6	24
52	Direct calculation of the six-gluon subprocess. Physical Review D, 1986, 34, 2119-2126.	1.6	23
53	Ascertaining the spin for new resonances decaying into $\mathbb{A}^+ \mathbb{A}^-$ at hadron colliders. European Physical Journal C, 2013, 73, 1.	1.4	23
54	Search strategies for non-standard Higgs bosons at future $e^+e^-$ colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 480, 287-295.	1.5	21

#	ARTICLE	IF	CITATIONS
55	Dirac neutralinos and electroweak scalar bosons of $N = 1/N = 2$ hybrid supersymmetry at colliders. Journal of High Energy Physics, 2010, 2010, 1.	1.6	21
56	WLW scattering at the LHC: Improving the selection criteria. Physical Review D, 2012, 86, .	1.6	21
57	Fermion mass effects on in a two-Higgs-doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 361, 66-68.	1.5	20
58	Exploring inert scalars at CLIC. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
59	CP-violating anomalous $WW\tilde{3}$ couplings in $e^+e^-$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 457, 193-201.	1.5	17
60	On a hypothesis of the universal strength for Yukawa couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 251, 584-590.	1.5	16
61	On non-minimal Higgs boson searches from Z boson decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 255, 134-138.	1.5	16
62	Title is missing!. Acta Physica Polonica B, 2011, 42, 2425.	0.3	16
63	Resolving QCD jets beyond leading order: Gluon-decay probabilities. Physical Review D, 1985, 32, 2303-2321.	1.6	14
64	Pinning down the invisible sneutrino. Journal of High Energy Physics, 2008, 2008, 090-090.	1.6	14
65	Unravelling the $WW\tilde{3}$ and $WWZ$ vertices at the Linear Collider: final states. Nuclear Physics B, 1997, 491, 129-146.	0.9	12
66	Combined LHC/ILC analysis of a SUSY scenario with heavy sfermions. Journal of High Energy Physics, 2006, 2006, 007-007.	1.6	12
67	IDM Benchmarks for the LHC and Future Colliders. Symmetry, 2021, 13, 991.	1.1	12
68	Jet calculus beyond leading order for the gluon sector. Physical Review D, 1984, 29, 1545-1548.	1.6	11
69	$C_P$ violation at one loop in the polarization-independent chargino production in $e^+e^-$ collisions. Physical Review D, 2007, 76, .	1.6	11
70	SUSY with $R$ -symmetry: Confronting EW Precision Observables and LHC Constraints. Acta Physica Polonica B, 2016, 47, 203.	0.3	10
71	Determining $\sin^2 2\beta$ from $B \rightarrow X_s \gamma$ branching ratios. Journal of High Energy Physics, 2001, 2001, 017-017.	1.5	9
72	CP violation in decays. Nuclear Physics B, 2005, 713, 555-574.	0.9	9

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73	Production of $u\bar{u}j\bar{j}$ final states at the LHC and the TauSpinner algorithm: the spin-2 case. European Physical Journal C, 2018, 78, 1.	1.4	9
74	Sensitivity of future linear $e^+e^-$ colliders to processes of dark matter production with light mediator exchange. European Physical Journal C, 2021, 81, 1.	1.4	8
75	New measurements of proton polarized structure functions in charged current processes at DESY HERA. Physical Review D, 1997, 55, 5841-5844.	1.6	7
76	One-loop effects on MSSM parameter determination via chargino production at the LC. European Physical Journal C, 2013, 73, 1.	1.4	7
77	Searching for Sgluons in the Same-sign Leptons Final State at the LHC. Acta Physica Polonica B, 2013, 44, 2149.	0.3	7
78	EFT triangles in the same-sign $WW$ scattering process at the HL-LHC and HE-LHC. European Physical Journal C, 2020, 80, 1.	1.4	7
79	Looking for a 90 GeV Higgs boson in SUSY models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 534-540.	1.5	6
80	Title is missing!. Acta Physica Polonica B, 2011, 42, 2485.	0.3	6
81	Characterizing invisible electroweak particles through single-photon processes at high energy $\langle \mathcal{M} \rangle$ . Physical Review D, 2015, 92, ...	1.6	6
82	Confronting the coloured sector of the MRSSM with LHC data. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
83	New probes of anomalous $WW\tilde{\chi}^0_1$ couplings at future $e^+e^-$ linacs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 339, 136-140.	1.5	5
84	Library of SM and anomalous couplings for the Monte Carlo programs. Computer Physics Communications, 2000, 124, 238-242.	3.0	5
85	Production of $\tau^+\tau^-j\bar{j}$ , lepton pairs with high $p_T$ jets at the LHC and the TauSpinner reweighting algorithm. European Physical Journal C, 2016, 76, 1.	1.4	5
86	High-PT leptons and W production at HERA. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 1412-1417.	1.4	4
87	Sneutrino identification in lepton pair production at ILC with polarized beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 94-99.	1.5	4
88	Next-to-leading corrections to gluon jet development. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 163, 379-384.	1.5	3
89	Development of QCD jets emitted by color-singlet sources. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 165, 171-174.	1.5	3
90	Isolated lepton events at HERA: SUSY R-parity violation?. European Physical Journal C, 2007, 51, 543.	1.4	3

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91	Higgs boson production at CLIC in SUSY models with hierarchy of the vacuum expectation values. Zeitschrift für Physik C-Particles and Fields, 1989, 43, 319-324.	1.5	2
92	Reconstruction of fundamental SUSY parameters. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 811-814.	0.5	2
93	SUPERSYMMETRY AT AND BEYOND THE LHC. International Journal of Modern Physics A, 2007, 22, 5920-5934.	0.5	2
94	Title is missing!. Acta Physica Polonica B, 2011, 42, 1419.	0.3	2
95	Searching inert scalars at future $e^+e^-$ colliders. , 2020, , .		2
96	Dark matter searches with mono-photon signature at future $e^+e^-$ colliders. SciPost Physics Proceedings, 2022, , .	0.2	2
97	A background to the intermediate mass Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 593-596.	1.5	1
98	Contact interactions with polarized beams at HERA. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 1436-1439.	1.4	1
99	Neutralinos of the U(1)-extended MSSM: from colliders to cosmology. Journal of Physics: Conference Series, 2008, 110, 072019.	0.3	1
100	Systematic of TauSpinner for $\tau\tau$ Pairs With Two Hard Jets and Its Recent Development. Acta Physica Polonica B, 2017, 48, 903.	0.3	1
101	SUSY Higgs sector. Nuclear Physics, Section B, Proceedings Supplements, 1990, 13, 168-170.	0.5	0
102	Measuring the chargino parameters. Pramana - Journal of Physics, 2000, 55, 259-264.	0.9	0
103	Phenomenology of the chargino and neutralino systems. AIP Conference Proceedings, 2001, , .	0.3	0
104	TESTING CP VIOLATION AND UNIVERSAL EXTRA DIMENSIONS AT FUTURE COLLIDERS. , 2005, , .		0
105	Sgluons and gluinos of the hybrid $N = 1 / N = 2$ SUSY model. Fortschritte Der Physik, 2010, 58, 743-747.	1.5	0
106	Same Sign WW Studies Using EFT at LHC. Springer Proceedings in Physics, 2021, , 869-873.	0.1	0
107	Violation of CP in $B^0 \rightarrow a_1^+ a_1^-$ decays. , 2007, , .		0
108	Exploring Dirac neutralinos and EW adjoint scalars of $N=1/N=2$ hybrid SUSY at colliders. , 2011, , .		0

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109	Supersymmetry. , 2011, , .		0
110	Higgs bosons of R-symmetric supersymmetric theories. , 2012, , .		0
111	Observable Supersymmetric Particles. , 1999, , .		0
112	Developments of exttt {TauSpinner} Prepared for Production of \$au \$ Lepton Pairs with High \$p_{m T}\$ Jets for the Spin-2 Case. Acta Physica Polonica B, Proceedings Supplement, 2018, 11, 339.	0.0	0
113	Maria Krawczyk memorial. , 2018, , .		0
114	A light singlet at the LHC and DM. , 2018, , .		0
115	Confronting the Coloured Sector of the MRSSM with LHC Data. Acta Physica Polonica B, 2019, 50, 1929.	0.3	0