

# 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	Dark matter searches with mono-photon signature at future $e^+e^-$ colliders. SciPost Physics Proceedings, 2022, , .	0.2	2
2	IDM Benchmarks for the LHC and Future Colliders. Symmetry, 2021, 13, 991.	1.1	12
3	Same Sign WW Studies Using EFT at LHC. Springer Proceedings in Physics, 2021, , 869-873.	0.1	0
4	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
5	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
6	Searching inert scalars at future $e^+e^-$ colliders. , 2020, , .		2
7	Exploring inert scalars at CLIC. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
8	FCC-hh: The Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 755-1107.	1.2	367
9	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	1.2	108
10	FCC-ee: The Lepton Collider. European Physical Journal: Special Topics, 2019, 228, 261-623.	1.2	424
11	Confronting the coloured sector of the MRSSM with LHC data. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
12	HDECAY: Twenty++ years after. Computer Physics Communications, 2019, 238, 214-231.	3.0	99
13	Top-quark physics at the CLIC electron-positron linear collider. Journal of High Energy Physics, 2019, 2019, 1.	1.6	24
14	Confronting the Coloured Sector of the MRSSM with LHC Data. Acta Physica Polonica B, 2019, 50, 1929.	0.3	0
15	Production of $au\bar{u}$ final states at the LHC and the TauSpinner algorithm: the spin-2 case. European Physical Journal C, 2018, 78, 1.	1.4	9
16	Benchmarking the Inert Doublet Model for $e^+e^-$ colliders. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
17	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
18	Developments of exttt {TauSpinner} Prepared for Production of $au\bar{u}$ Lepton Pairs with High $p_{Tj}$ Jets for the Spin-2 Case. Acta Physica Polonica B, Proceedings Supplement, 2018, 11, 339.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Maria Krawczyk memorial. , 2018, , .		0
20	A light singlet at the LHC and DM. , 2018, , .		0
21	Higgs physics at the CLIC electron-positron linear collider. European Physical Journal C, 2017, 77, 475.	1.4	112
22	Systematic of TauSpinner for $\tau$ Pairs With Two Hard Jets and Its Recent Development. Acta Physica Polonica B, 2017, 48, 903.	0.3	1
23	Production of $\tau$ , 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
24	Exploring the Higgs sector of the MRSSM with a light scalar. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
25	SUSY with $R$ -symmetry: Confronting EW Precision Observables and LHC Constraints. Acta Physica Polonica B, 2016, 47, 203.	0.3	10
26	Characterizing invisible electroweak particles through single-photon processes at high energy $\sigma(e^+e^- \rightarrow \gamma^* \rightarrow \tau^+\tau^-) + \dots$ Physical Review D, 2015, 92, .	1.6	6
27	Two-Loop Correction to the Higgs Boson Mass in the MRSSM. Advances in High Energy Physics, 2015, 2015, 1-12.	0.5	31
28	Physics at the $e^+e^-$ linear collider. European Physical Journal C, 2015, 75, 371.	1.4	110
29	Higgs boson mass and electroweak observables in the MRSSM. Journal of High Energy Physics, 2014, 2014, 1.	1.6	51
30	One-loop effects on MSSM parameter determination via chargino production at the LC. European Physical Journal C, 2013, 73, 1.	1.4	7
31	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
32	Searching for Sgluons in the Same-sign Leptons Final State at the LHC. Acta Physica Polonica B, 2013, 44, 2149.	0.3	7
33	WLW scattering at the LHC: Improving the selection criteria. Physical Review D, 2012, 86, .	1.6	21
34	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
35	Higgs bosons of R-symmetric supersymmetric theories. , 2012, , .		0
36	Title is missing!. Acta Physica Polonica B, 2011, 42, 2485.	0.3	6

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37	Title is missing!. Acta Physica Polonica B, 2011, 42, 1419.	0.3	2
38	Title is missing!. Acta Physica Polonica B, 2011, 42, 2425.	0.3	16
39	Exploring Dirac neutralinos and EW adjoint scalars of N=1/N=2 hybrid SUSY at colliders. , 2011, , .		0
40	Supersymmetry. , 2011, , .		0
41	From the LHC to future colliders. European Physical Journal C, 2010, 66, 525-583.	1.4	45
42	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
43	Sgluons and gluinos of the hybrid N = 1 / N = 2 SUSY model. Fortschritte Der Physik, 2010, 58, 743-747.	1.5	0
44	Neutralino dark matter in the USSM. Journal of High Energy Physics, 2009, 2009, 066-066.	1.6	32
45	Color-octet scalars of $N=1/N=2$ hybrid supersymmetry at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 246-252.	1.5	82
46	Polarized positrons and electrons at the linear collider. Physics Reports, 2008, 460, 131-243.	10.3	222
47	Neutralinos of the U(1)-extended MSSM: from colliders to cosmology. Journal of Physics: Conference Series, 2008, 110, 072019.	0.3	1
48	Pinning down the invisible sneutrino. Journal of High Energy Physics, 2008, 2008, 090-090.	1.6	14
49	SUPERSYMMETRY AT AND BEYOND THE LHC. International Journal of Modern Physics A, 2007, 22, 5920-5934.	0.5	2
50	The neutralino sector in the U(1)-extended supersymmetric Standard Model. Nuclear Physics B, 2007, 778, 85-128.	0.9	46
51	$C$ violation at one loop in the polarization-independent chargino production in $P$ $Physical Review D$ , 2007, 76, .	1.6	11
52	Isolated lepton events at HERA: SUSY R-parity violation?. European Physical Journal C, 2007, 51, 543.	1.4	3
53	Violation of CP in $B_0 \rightarrow a_1^+ a_1^-$ decays. , 2007, , .		0
54	Physics interplay of the LHC and the ILC. Physics Reports, 2006, 426, 47-358.	10.3	297

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55	Supersymmetry parameter analysis: SPA convention and project. European Physical Journal C, 2006, 46, 43-60.	1.4	218
56	Analysis of the neutralino system in three-body leptonic decays of neutralinos. European Physical Journal C, 2006, 46, 511-520.	1.4	26
57	Combined LHC/ILC analysis of a SUSY scenario with heavy sfermions. Journal of High Energy Physics, 2006, 2006, 007-007	1.6	12
58	Determining $\langle m_{H_u} \rangle$ and $\langle m_{H_d} \rangle$ in CP-noninvariant supersymmetric theories. European Physical Journal C, 2005, 40, 555-564.	1.5	9
59	TESTING CP VIOLATION AND UNIVERSAL EXTRA DIMENSIONS AT FUTURE COLLIDERS. , 2005, , .	1.4	38
60	CP violation in decays. Nuclear Physics B, 2005, 713, 555-574.		0
61	SUSY Parameter Determination in Combined Analyses at LHC/LC. Journal of High Energy Physics, 2004, 2004, 035-035.	0.9	9
62	Reconstruction of fundamental SUSY parameters. Nuclear Physics, Section B, Proceedings Supplements, 2003, 117, 811-814.	1.6	37
63	The Snowmass Points and Slopes: benchmarks for SUSY searches. European Physical Journal C, 2002, 25, 113-123.	0.5	2
64	Phenomenology of the chargino and neutralino systems. AIP Conference Proceedings, 2001, , .	1.4	482
65	Supersymmetric lepton flavor violation in a linear collider: the role of charginos. European Physical Journal C, 2001, 21, 163-169.	0.3	0
66	Analysis of the neutralino system in supersymmetric theories. European Physical Journal C, 2001, 22, 563-579.	1.4	24
67	Library of SM and anomalous couplings for the Monte Carlo programs. Computer Physics Communications, 2000, 124, 238-242.	1.4	129
68	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.	3.0	5
69	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	34
70	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	21
71	Measuring the chargino parameters. Pramana - Journal of Physics, 2000, 55, 259-264.	1.5	39
72		0.9	0

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73	Reconstructing the chargino system at $e^+e^-$ linear colliders. European Physical Journal C, 2000, 14, 535-546.	1.4	125
74	Contact interactions with polarized beams at HERA. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 1436-1439.	1.4	1
75	High- $P_T$ leptons and $W$ production at HERA. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, 1412-1417.	1.4	4
76	Finding the CP-violating Higgs bosons at $e^+e^-$ colliders. Physical Review D, 1999, 60, .	1.6	69
77	CP-violating anomalous $WW\tilde{\chi}^0$ couplings in $e^+e^-$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 457, 193-201.	1.5	17
78	Observable Supersymmetric Particles. , 1999, , .		0
79	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
80	Physics with $e^+e^-$ linear colliders. Physics Reports, 1998, 299, 1-78.	10.3	274
81	Limits from LEP Data on CP-Violating Nonminimal Higgs Sectors. Physical Review Letters, 1997, 79, 982-985.	2.9	46
82	New measurements of proton polarized structure functions in charged current processes at DESY HERA. Physical Review D, 1997, 55, 5841-5844.	1.6	7
83	Unravelling the $WW\tilde{\chi}^0$ and $WWZ$ vertices at the Linear Collider: final states. Nuclear Physics B, 1997, 491, 129-146.	0.9	12
84	Heavy SUSY Higgs bosons at $e^+e^-$ linear colliders. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 93-111.	1.5	79
85	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
86	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
87	Leptoquark/Squark interpretation of HERA events: Virtual effects in. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 595.	1.5	59
88	Two-and three-body decay modes of SUSY Higgs particles. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 435-447.	1.5	97
89	SUSY decays of Higgs particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 376, 220-226.	1.5	74
90	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

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91	New probes of anomalous $WW\hat{1}^3$ couplings at future $e^+e^-$ linacs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 339, 136-140.	1.5	5
92	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
93	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
94	$B_s \rightarrow \bar{c}l, \bar{c}l, \hat{1}^3$ decay in a two-Higgs-doublet model. Nuclear Physics B, 1993, 404, 3-19.	0.9	49
95	MEASURING THE $SH \text{ tar } tS$ COUPLING IN $e^+e^-$ COLLISIONS. Modern Physics Letters A, 1992, 07, 1765-1769.	0.5	41
96	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
97	Direct CP violation in $K, B \rightarrow \hat{1}^3$ with heavy top quark. Nuclear Physics B, 1992, 381, 501-521.	0.9	44
98	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
99	Semileptonic decays of B mesons into $\bar{c}l, \hat{1}^3$ , in a two Higgs doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 201-206.	1.5	47
100	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
101	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
102	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
103	SUSY Higgs sector. Nuclear Physics, Section B, Proceedings Supplements, 1990, 13, 168-170.	0.5	0
104	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
105	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
106	Exact Calculation of $\hat{1}^3$ for the Charged-Current Sector and Comparison with the Effective-W Approximation. Physical Review Letters, 1986, 57, 2351-2354.	2.9	62
107	Direct calculation of the six-gluon subprocess. Physical Review D, 1986, 34, 2119-2126.	1.6	23
108	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

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109	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
110	Resolving QCD jets beyond leading order: Gluon-decay probabilities. Physical Review D, 1985, 32, 2303-2321.	1.6	14
111	Jet calculus beyond leading order for the gluon sector. Physical Review D, 1984, 29, 1545-1548.	1.6	11
112	Jet calculus beyond leading logarithms. Nuclear Physics B, 1981, 181, 221-252.	0.9	55
113	Resolving QCD jets beyond leading order: Quark decay probabilities. Nuclear Physics B, 1981, 181, 253-276.	0.9	65
114	Partons at lowPT. Physical Review D, 1980, 21, 2699-2705.	1.6	35
115	Quark-parton model from dual topological unitarization. Physical Review D, 1979, 19, 3397-3412.	1.6	38