

# Janusz Rosiek

## List of Publications by Year in descending order

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50  
papers

4,623  
citations

172207

29  
h-index

189595

50  
g-index

50  
all docs

50  
docs citations

50  
times ranked

6480  
citing authors

#	ARTICLE	IF	CITATIONS
1	SmeftFRÂ€ Feynman rules generator for the Standard Model Effective Field Theory. Computer Physics Communications, 2020, 247, 106931.	3.0	16
2	Analytical description of CP violation in oscillations of atmospheric neutrinos traversing the Earth. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
3	The Belle II Physics Book. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	176
4	Reinterpretation of LHC Results for New Physics: Status and recommendations after Run 2. SciPost Physics, 2020, 9, .	1.5	28
5	Effective field theories in $R^{3/4}$ gauges. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
6	The Belle II Physics Book. Progress of Theoretical and Experimental Physics, 2019, 2019, .	1.8	384
7	The decay $h \rightarrow \tau^+ \tau^-$ in the Standard-Model Effective Field Theory. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
8	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
9	Lepton flavour violation in the MSSM: exact diagonalization vs mass expansion. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
10	WCxf: An exchange format for Wilson coefficients beyond the Standard Model. Computer Physics Communications, 2018, 232, 71-83.	3.0	102
11	Feynman rules for the Standard Model Effective Field Theory in $R^{3/4}$ -gauges. Journal of High Energy Physics, 2017, 2017, 1.	1.6	92
12	MassToMlâ€”A Mathematica package for an automatic Mass Insertion expansion. Computer Physics Communications, 2016, 201, 144-158.	3.0	12
13	Lepton-flavor violating $B \rightarrow \tau \tau$ decays in generic $R^{3/4}$ gauges. Physical Review D, 2015, 92, .	1.6	140
14	Mass insertions vs. mass eigenstates calculations in flavour physics. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
15	SUSY FLAVOR v2.5: A computational tool for FCNC and CP-violating processes in the MSSM. Computer Physics Communications, 2015, 188, 208-210.	3.0	15
16	Rare top-quark decays to Higgs boson in MSSM. Journal of High Energy Physics, 2014, 2014, 1.	1.6	23
17	Lepton flavor violation in the Standard Model with general dimension-six operators. Journal of High Energy Physics, 2014, 2014, 1.	1.6	66
18	SUSY_FLAVORv2: A computational tool for FCNC and CP-violating processes in the MSSM. Computer Physics Communications, 2013, 184, 1004-1032.	3.0	43

#	ARTICLE	IF	CITATIONS
19	WLW scattering at the LHC: Improving the selection criteria. Physical Review D, 2012, 86, .	1.6	21
20	Complete resummation of chirally-enhanced loop-effects in the MSSM with non-minimal sources of flavor-violation. Journal of High Energy Physics, 2011, 2011, 1.	1.6	49
21	Dimension-six terms in the Standard Model Lagrangian. Journal of High Energy Physics, 2010, 2010, 1.	1.6	1,362
22	SUSY_FLAVOR: A computational tool for FCNC and CP-violating processes in the MSSM. Computer Physics Communications, 2010, 181, 2180-2205.	3.0	38
23	Complete one-loop MSSM predictions for $B \rightarrow D_s^* \tau^+ \nu_\tau$ at the Tevatron and LHC. Physical Review D, 2009, 79, .	1.6	29
24	Seesaw mechanism in the sneutrino sector and its consequences. Journal of High Energy Physics, 2007, 2007, 059-059.	1.6	42
25	Neutrino masses in the lepton number violating MSSM. Journal of High Energy Physics, 2006, 2006, 005-005.	1.6	34
26	On the neutral scalar sector of the general R-parity violating MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 627, 161-173.	1.5	4
27	and decays in the general MSSM. Nuclear Physics B, 2005, 714, 103-136.	0.9	48
28	$\tilde{m}_{D,s}^2$ , $B_0$ , $\hat{d}_{1/4}^{\pm}$ and $\hat{B}_{\tau^+ X s^3}$ in supersymmetry at large $\tan\beta$ . Nuclear Physics B, 2003, 659, 3-78.	0.9	254
29	Chargino searches at LEP for complex MSSM parameters. Nuclear Physics B, 2002, 647, 190-214.	0.9	5
30	Correlation between $\tilde{m}_s^2$ and $B_0$ , $\hat{d}_{1/4}^{\pm}$ in supersymmetry at large $\tan\beta$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 546, 96-107.	1.5	125
31	$\tilde{m}_s^2$ , $\tilde{m}_d^2$ , $\sin 2\beta$ and the angle $\hat{\beta}$ in the presence of new $\tilde{F}=2$ operators. Nuclear Physics B, 2001, 619, 434-466.	0.9	89
32	Constraints on phases of supersymmetric flavour conserving couplings. Nuclear Physics B, 2000, 570, 81-116.	0.9	134
33	Supersymmetry and FCNC Effects. Advanced Series on Directions in High Energy Physics, 1998, , 795-828.	0.7	127
34	Searching for invisibly decaying Higgs bosons at CERN LEP II. Physical Review D, 1997, 55, 1316-1325.	1.6	34
35	Associated production of Higgs bosons and a photon in high-energy $e^+e^-$ collisions. Nuclear Physics B, 1997, 491, 68-102.	0.9	49
36	Production of neutral MSSM Higgs bosons in $e^+e^-$ collisions: a complete 1-loop calculation. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 259-266.	1.5	2

#	ARTICLE	IF	CITATIONS
37	Single photon decays of the Z0 and SUSY with spontaneously broken R-parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 351, 497-503.	1.5	15
38	Present and future searches with e+e- colliders for the neutral Higgs bosons of the Minimal Supersymmetric Standard Model - the complete 1-loop analysis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 341, 419-430.	1.5	2
39	Novel scalar boson decays in SUSY with broken R-parity. Nuclear Physics B, 1995, 451, 3-15.	0.9	84
40	Limits on associated production of visibly and invisibly decaying Higgs bosons from Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 446-456.	1.5	13
41	$\tilde{\nu}_r$ in the MSSM. Nuclear Physics, Section B, Proceedings Supplements, 1994, 37, 232-239.	0.5	3
42	Complete on-shell renormalization scheme for the minimal supersymmetric Higgs sector. Nuclear Physics B, 1994, 423, 437-496.	0.9	200
43	Supersymmetric Higgs boson decays with radiative corrections. Nuclear Physics B, 1994, 423, 497-531.	0.9	36
44	$\tilde{\nu}_r$ in the MSSM. Nuclear Physics B, 1994, 417, 101-129.	0.9	108
45	Is the lightest supersymmetric Higgs boson distinguishable from the minimal standard model one?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 100-105.	1.5	33
46	Charged and neutral supersymmetric Higgs boson masses. Complete one-loop analysis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 191-198.	1.5	181
47	One-loop corrections to the supersymmetric Higgs boson couplings and LEP phenomenology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 286, 307-314.	1.5	62
48	Non-minimal neutral Higgs boson production in ep collisions by bremsstrahlung off b quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 272, 143-148.	1.5	3
49	Complete set of Feynman rules for the minimal supersymmetric extension of the standard model. Physical Review D, 1990, 41, 3464-3501.	1.6	220
50	Effects of a second Higgs doublet in LEP measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 135-139.	1.5	13