

# Janusz Rosiek

## List of Publications by Year in descending order

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Version: 2024-02-01

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
19	Associated production of Higgs bosons and a photon in high-energy $e^+e^-$ collisions. Nuclear Physics B, 1997, 491, 68-102.	0.9	49
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	and decays in the general MSSM. Nuclear Physics B, 2005, 714, 103-136.	0.9	48
22	SUSY_FLAVORv2: A computational tool for FCNC and CP-violating processes in the MSSM. Computer Physics Communications, 2013, 184, 1004-1032.	3.0	43
23	Seesaw mechanism in the sneutrino sector and its consequences. Journal of High Energy Physics, 2007, 2007, 059-059.	1.6	42
24	The decay $h \rightarrow \tau^+ \tau^-$ in the Standard-Model Effective Field Theory. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
25	SUSY_FLAVOR: A computational tool for FCNC and CP-violating processes in the MSSM. Computer Physics Communications, 2010, 181, 2180-2205.	3.0	38
26	Supersymmetric Higgs boson decays with radiative corrections. Nuclear Physics B, 1994, 423, 497-531.	0.9	36
27	Searching for invisibly decaying Higgs bosons at CERN LEP II. Physical Review D, 1997, 55, 1316-1325.	1.6	34
28	Neutrino masses in the lepton number violating MSSM. Journal of High Energy Physics, 2006, 2006, 005-005.	1.6	34
29	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
30	Complete one-loop MSSM predictions for $B \rightarrow D^* \tau^+ \tau^-$ at the Tevatron and LHC. Physical Review D, 2009, 79, .	1.6	29
31	Reinterpretation of LHC Results for New Physics: Status and recommendations after Run 2. SciPost Physics, 2020, 9, .	1.5	28
32	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
33	Rare top-quark decays to Higgs boson in MSSM. Journal of High Energy Physics, 2014, 2014, 1.	1.6	23
34	WW scattering at the LHC: Improving the selection criteria. Physical Review D, 2012, 86, .	1.6	21
35	SmeftFR: Feynman rules generator for the Standard Model Effective Field Theory. Computer Physics Communications, 2020, 247, 106931.	3.0	16
36	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

#	ARTICLE	IF	CITATIONS
37	Mass insertions vs. mass eigenstates calculations in flavour physics. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
38	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
39	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
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	Lepton flavour violation in the MSSM: exact diagonalization vs mass expansion. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
42	MassToMl – A Mathematica package for an automatic Mass Insertion expansion. Computer Physics Communications, 2016, 201, 144-158.	3.0	12
43	Effective field theories in $R^{1/4}$ gauges. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
44	Chargino searches at LEP for complex MSSM parameters. Nuclear Physics B, 2002, 647, 190-214.	0.9	5
45	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
46	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
47	$\hat{r}$ in the MSSM. Nuclear Physics, Section B, Proceedings Supplements, 1994, 37, 232-239.	0.5	3
48	Analytical description of CP violation in oscillations of atmospheric neutrinos traversing the Earth. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
49	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
50	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