

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	Dimension-six terms in the Standard Model Lagrangian. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	1,362
2	The Belle II Physics Book. <i>Progress of Theoretical and Experimental Physics</i> , 2019, 2019, .	1.8	384
3	$\tilde{M}_{d,s}, \tilde{B}_{0d,s} \tilde{\tau}^{\dagger} \tilde{\tau}^{1/4 + 1/4 \alpha}$ and $\tilde{B} \tilde{\tau}^{\dagger} \tilde{\chi}_s \tilde{\chi}^0$ in supersymmetry at large $\tan\beta^2$. <i>Nuclear Physics B</i> , 2003, 659, 3-78.	0.9	254
4	Complete set of Feynman rules for the minimal supersymmetric extension of the standard model. <i>Physical Review D</i> , 1990, 41, 3464-3501.	1.6	220
5	Complete on-shell renormalization scheme for the minimal supersymmetric Higgs sector. <i>Nuclear Physics B</i> , 1994, 423, 437-496.	0.9	200
6	Charged and neutral supersymmetric Higgs boson masses. Complete one-loop analysis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 274, 191-198.	1.5	181
7	The Belle II Physics Book. <i>Progress of Theoretical and Experimental Physics</i> , 2020, 2020, .	1.8	176
8	Lepton-flavor violating $\tilde{B} \tilde{\tau}^{\dagger} \tilde{\tau}^{1/4 + 1/4 \alpha}$ decays in generic \tilde{M}_s and $\tilde{B}_{0s,d} \tilde{\tau}^{\dagger} \tilde{\tau}^{1/4 + 1/4 \alpha}$. <i>Physical Review D</i> , 2015, 92, .	1.6	140
9	Constraints on phases of supersymmetric flavour conserving couplings. <i>Nuclear Physics B</i> , 2000, 570, 81-116.	0.9	134
10	Supersymmetry and FCNC Effects. <i>Advanced Series on Directions in High Energy Physics</i> , 1998, , 795-828.	0.7	127
11	Correlation between \tilde{M}_s and $\tilde{B}_{0s,d} \tilde{\tau}^{\dagger} \tilde{\tau}^{1/4 + 1/4 \alpha}$ in supersymmetry at large $\tan\beta^2$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 546, 96-107.	1.5	125
12	$\tilde{l}^{\dagger} r$ in the MSSM. <i>Nuclear Physics B</i> , 1994, 417, 101-129.	0.9	108
13	WCxf: An exchange format for Wilson coefficients beyond the Standard Model. <i>Computer Physics Communications</i> , 2018, 232, 71-83.	3.0	102
14	Feynman rules for the Standard Model Effective Field Theory in $R^{3/4}$ -gauges. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	92
15	$\tilde{M}_s \tilde{M}_d, \sin 2\beta$ and the angle β in the presence of new $\tilde{F}=2$ operators. <i>Nuclear Physics B</i> , 2001, 619, 434-466.	0.9	89
16	Novel scalar boson decays in SUSY with broken R-parity. <i>Nuclear Physics B</i> , 1995, 451, 3-15.	0.9	84
17	Lepton flavor violation in the Standard Model with general dimension-six operators. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	66
18	One-loop corrections to the supersymmetric Higgs boson couplings and LEP phenomenology. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992, 286, 307-314.	1.5	62

#	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_FLAVOR ^{v2} : 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 $h \rightarrow b\bar{b}$ 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 $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="block">\langle mml:msup>B</mml:mi><mml:mn>0</mml:mn></mml:msup><mml:mo>\rightarrow</mml:mo>\langle mml:msup>1</mml:mi></mml:msup><mml:mo>\rightarrow</mml:mo>\langle mml:msup>2</mml:mi></mml:msup><mml:mo>\rightarrow</mml:mo>\langle mml:msup>3</mml:mi></mml:msup>$ the Tevatron and LHC. Physical Review D, 2009, 79, .	1.6	34
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	WLWLscattering at the LHC: Improving the selection criteria. Physical Review D, 2012, 86, .	1.6	21
35	SmeftFR ^{v4} 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. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	15
38	SUSY FLAVOR v2.5: A computational tool for FCNC and CP-violating processes in the MSSM. <i>Computer Physics Communications</i> , 2015, 188, 208-210.	3.0	15
39	Effects of a second Higgs doublet in LEP measurements. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 252, 135-139.	1.5	13
40	Limits on associated production of visibly and invisibly decaying Higgs bosons from Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994, 336, 446-456.	1.5	13
41	Lepton flavour violation in the MSSM: exact diagonalization vs mass expansion. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	13
42	MassToMlâ€”A Mathematica package for an automatic Mass Insertion expansion. <i>Computer Physics Communications</i> , 2016, 201, 144-158.	3.0	12
43	Effective field theories in R $\frac{3}{4}$ gauges. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	11
44	Chargino searches at LEP for complex MSSM parameters. <i>Nuclear Physics B</i> , 2002, 647, 190-214.	0.9	5
45	On the neutral scalar sector of the general R-parity violating MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 627, 161-173.	1.5	4
46	Non-minimal neutral Higgs boson production in ep collisions by bremsstrahlung off b quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 272, 143-148.	1.5	3
47	$\tilde{\nu}^0$ in the MSSM. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1994, 37, 232-239.	0.5	3
48	Analytical description of CP violation in oscillations of atmospheric neutrinos traversing the Earth. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	3
49	Present and future searches with e+eâ€” colliders for the neutral Higgs bosons of the Minimal Supersymmetric Standard Model â€” the complete 1-loop analysis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 341, 419-430.	1.5	2
50	Production of neutral MSSM Higgs bosons in e + e \rightarrow collisions: a complete 1-loop calculation. <i>Zeitschrift fÃ¼r Physik C-Particles and Fields</i> , 1996, 71, 259-266.	1.5	2