

Sven Heinemeyer

List of Publications by Year in descending order

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201
papers

21,858
citations

15504

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8396

147
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all docs

203
docs citations

203
times ranked

12352
citing authors

#	ARTICLE	IF	CITATIONS
1	Possible indications for new Higgs bosons in the reach of the LHC: N2HDM and NMSSM interpretations. European Physical Journal C, 2022, 82, 1.	3.9	19
2	Vacuum (meta-)stability in the μ SSM. European Physical Journal C, 2022, 82, 1.	3.9	3
3	Interdependence of the new μ SSM result and the W-boson mass. European Physical Journal C, 2022, 82, .	3.9	12
4	$(g-2)_\mu$ and SUSY dark matter: direct detection and collider search complementarity. European Physical Journal C, 2022, 82, .	3.9	17
5	Triple Higgs couplings in the 2HDM: the complete picture. European Physical Journal C, 2022, 82, .	3.9	12
6	Constraining the $\{C\}\{P\}$ structure of Higgs-fermion couplings with a global LHC fit, the electron EDM and baryogenesis. European Physical Journal C, 2022, 82, .	3.9	8
7	Probing unified theories with reduced couplings at future hadron colliders. European Physical Journal C, 2021, 81, 1.	3.9	3
8	HiggsSignals-2: probing new physics with precision Higgs measurements in the LHC 13 TeV era. European Physical Journal C, 2021, 81, 1.	3.9	116
9	Higgs-mass predictions in the MSSM and beyond. European Physical Journal C, 2021, 81, 1.	3.9	50
10	Fate of electroweak symmetry in the early Universe: non-restoration and trapped vacua in the N2HDM. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 018.	5.4	24
11	The 96 GeV excess at the LHC. International Journal of Modern Physics A, 2021, 36, 2142018.	1.5	12
12	Theory requirements for SM Higgs and EW precision physics at the FCC-ee. European Physical Journal Plus, 2021, 136, 1.	2.6	5
13	The new $(g-2)_\mu$ result and the μ SSM. European Physical Journal C, 2021, 81, 1.	3.9	20
14	Sensitivity to triple Higgs couplings via di-Higgs production in the 2HDM at e^+e^- colliders. European Physical Journal C, 2021, 81, 1.	3.9	6
15	Improved $(g-2)_\mu$ measurements and wino/higgsino dark matter. European Physical Journal C, 2021, 81, 1.	3.9	24
16	The new μ SSM result and supersymmetry. European Physical Journal C, 2021, 81, 1.	3.9	44
17	Exploring sizable triple Higgs couplings in the 2HDM. European Physical Journal C, 2020, 80, 1.	3.9	25
18	HL-LHC and ILC sensitivities in the hunt for heavy Higgs bosons. European Physical Journal C, 2020, 80, 1.	3.9	13

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19	Improved $(g-2)_\mu$ measurements and supersymmetry. European Physical Journal C, 2020, 80, 1.	3.9	39
20	Updates and New Results in Models with Reduced Couplings. Fortschritte Der Physik, 2020, 68, 2000028.	4.4	3
21	Precision calculations in the MSSM Higgs-boson sector with FeynHiggs 2.14. Computer Physics Communications, 2020, 249, 107099.	7.5	69
22	Indirect \mathcal{CP} probes of the Higgs-top-quark interaction: current LHC constraints and future opportunities. Journal of High Energy Physics, 2020, 2020, 1.	4.7	16
23	A 96 GeV Higgs boson in the N2HDM. European Physical Journal C, 2020, 80, 1.	3.9	40
24	HiggsBounds-5: testing Higgs sectors in the LHC 13 TeV Era. European Physical Journal C, 2020, 80, 1.	3.9	138
25	Theoretical uncertainties in the MSSM Higgs boson mass calculation. European Physical Journal C, 2020, 80, 1.	3.9	33
26	Reinterpretation of LHC Results for New Physics: Status and recommendations after Run 2. SciPost Physics, 2020, 9, .	4.9	28
27	MSSM Higgs boson searches at the LHC: benchmark scenarios for Run 2 and beyond. European Physical Journal C, 2019, 79, 1.	3.9	56
28	Supersymmetric models in light of improved Higgs mass calculations. European Physical Journal C, 2019, 79, 1.	3.9	24
29	Precise prediction for the Higgs-Boson masses in the μ -u MSSM with three right-handed neutrino superfields. European Physical Journal C, 2019, 79, 1.	3.9	26
30	Reduction of couplings and its application in particle physics. Physics Reports, 2019, 814, 1-43.	25.6	21
31	Global analysis of dark matter simplified models with leptophobic spin-one mediators using MasterCode. European Physical Journal C, 2019, 79, 1.	3.9	17
32	Reduction of parameters in Finite Unified Theories and the MSSM. Nuclear Physics B, 2018, 927, 319-338.	2.5	5
33	Reconciling EFT and hybrid calculations of the light MSSM Higgs-boson mass. European Physical Journal C, 2018, 78, 1.	3.9	97
34	A Higgs boson below 125 GeV?!. International Journal of Modern Physics A, 2018, 33, 1844006.	1.5	10
35	Decays of the neutral Higgs bosons into SM fermions and gauge bosons in the \mathcal{CP} -violating NMSSM. European Physical Journal C, 2018, 78, 1.	3.9	41
36	Reduction of the parameters in MSSM. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8

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37	Precise prediction for the Higgs-boson masses in the $\mu u \hat{1}/4 \hat{1}/2$ SSM. European Physical Journal C, 2018, 78, 1.	3.9	47
38	Slepton production at e^+e^- colliders in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2018, 78, 1.	3.9	8
39	The LHC Higgs Boson Discovery: Updated Implications for Finite Unified Theories and the SUSY Breaking Scale. Symmetry, 2018, 10, 62.	2.2	4
40	Likelihood analysis of the sub-GUT MSSM in light of LHC 13-TeV data. European Physical Journal C, 2018, 78, 1.	3.9	28
41	Likelihood analysis of the pMSSM11 in light of LHC 13-TeV data. European Physical Journal C, 2018, 78, 256.	3.9	91
42	Review of Particle Physics. Physical Review D, 2018, 98, .	4.7	5,390
43	Likelihood analysis of supersymmetric SU(5) GUTs. European Physical Journal C, 2017, 77, 104.	3.9	20
44	The light and heavy Higgs interpretation of the MSSM. European Physical Journal C, 2017, 77, 1.	3.9	56
45	Precise predictions for the Higgs-boson masses in the NMSSM. European Physical Journal C, 2017, 77, 1.	3.9	24
46	Likelihood analysis of the minimal AMSB model. European Physical Journal C, 2017, 77, 268.	3.9	24
47	Higgs-boson masses and mixing matrices in the NMSSM: analysis of on-shell calculations. European Physical Journal C, 2017, 77, 1.	3.9	26
48	Chargino and neutralino production at e^+e^- colliders in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2017, 77, 1.	3.9	10
49	The impact of two-loop effects on the scenario of MSSM Higgs alignment without decoupling. European Physical Journal C, 2017, 77, 1.	3.9	19
50	Quark flavor violating Higgs boson decay $h \rightarrow b \bar{s} + s \bar{b}$ in the MSSM. Physical Review D, 2016, 93, .	4.7	2
51	Charged Higgs Boson production at e^+e^- colliders in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2016, 76, 1.	3.9	12
52	The 750 GeV diphoton excess and SUSY. International Journal of Modern Physics A, 2016, 31, 1630023.	1.5	2
53	Neutral Higgs boson production at e^+e^- colliders in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2016, 76, 1.	3.9	22
54	The NMSSM lives: with the 750 GeV diphoton excess. European Physical Journal C, 2016, 76, 1.	3.9	24

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55	High Precision Prediction for M_h in the MSSM. Nuclear and Particle Physics Proceedings, 2016, 273-275, 794-800.	0.5	2
56	Precise predictions for Higgs-masses in the Next-to-Minimal Supersymmetric Standard Model (NMSSM). , 2016, , .		3
57	Renormalization of the Complex MSSM in FeynArts/FormCalc. Nuclear and Particle Physics Proceedings, 2015, 267-269, 158-164.	0.5	1
58	Higgs decays into charginos and neutralinos in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2015, 75, 1.	3.9	18
59	Effects of sfermion mixing induced by RGE running in the minimal flavor violating CMSSM. European Physical Journal C, 2015, 75, 1.	3.9	4
60	Heavy Higgs decays into sfermions in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2015, 75, 1.	3.9	15
61	The pMSSM10 after LHC run 1. European Physical Journal C, 2015, 75, 422.	3.9	58
62	Renormalization scheme dependence of the two-loop QCD corrections to the neutral Higgs-boson masses in the MSSM. European Physical Journal C, 2015, 75, 424.	3.9	43
63	Applying exclusion likelihoods from LHC searches to extended Higgs sectors. European Physical Journal C, 2015, 75, 1.	3.9	170
64	Supersymmetric dark matter after LHC run 1. European Physical Journal C, 2015, 75, 500.	3.9	84
65	Radiative Corrections to $\langle m_{11} \rangle$ Three Generations of Majorana Neutrinos and Sneutrinos. Advances in High Energy Physics, 2015, 2015, 1-26.	1.1	3
66	Physics at the e^+e^- linear collider. European Physical Journal C, 2015, 75, 371.	3.9	110
67	Finite Theories predictions vs. the Discovery of a Higgs-like Boson at the LHC. EPJ Web of Conferences, 2014, 70, 00005.	0.3	1
68	The LHC Higgs boson discovery: Implications for Finite Unified Theories. International Journal of Modern Physics A, 2014, 29, 1430032.	1.5	9
69	The NUHM2 after LHC Run 1. European Physical Journal C, 2014, 74, 3212.	3.9	37
70	Reduction of couplings in a finite GUT and the MSSM. Physics of Particles and Nuclei Letters, 2014, 11, 910-919.	0.4	2
71	Higgs masses and electroweak precision observables in the lepton-flavor-violating MSSM. Physical Review D, 2014, 90, .	4.7	11
72	High-Precision Predictions for the Light Higgs Boson Mass of the Minimal Supersymmetric Standard Model. Physical Review Letters, 2014, 112, 141801.	7.8	272

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73	Updated constraints on general squark flavor mixing. <i>Physical Review D</i> , 2014, 90, .	4.7	16
74	Probing the Standard Model with Higgs signal rates from the Tevatron, the LHC and a future ILC. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	180
75	The implementation of the renormalized complex MSSM in FeynArts and FormCalc. <i>Computer Physics Communications</i> , 2014, 185, 1529-1545.	7.5	41
76	HiggsSignals: Confronting arbitrary Higgs sectors with measurements at the Tevatron and the LHC. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	391
77	Momentum-dependent two-loop QCD corrections to the neutral Higgs-boson masses in the MSSM. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	59
78	HiggsBounds-4: improved tests of extended Higgs sectors against exclusion bounds from LEP, the Tevatron and the LHC. <i>European Physical Journal C</i> , 2014, 74, 1.	3.9	412
79	Implications of improved Higgs mass calculations for supersymmetric models. <i>European Physical Journal C</i> , 2014, 74, 2809.	3.9	58
80	The CMSSM and NUHM1 after LHC Run 1. <i>European Physical Journal C</i> , 2014, 74, 2922.	3.9	86
81	Reduction of Couplings in Quantum Field Theories with Applications in Finite Theories and the MSSM. <i>Springer Proceedings in Mathematics and Statistics</i> , 2014, , 177-196.	0.2	2
82	Finite unified theories and their predictions. <i>Physics of Particles and Nuclei</i> , 2013, 44, 299-315.	0.7	10
83	MSSM Higgs boson searches at the LHC: benchmark scenarios after the discovery of a Higgs-like particle. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	158
84	MSSM interpretations of the LHC discovery: light or heavy Higgs?. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	82
85	Phenomenology tools on cloud infrastructures using OpenStack. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	11
86	Implications of LHC search results on the W boson mass prediction in the MSSM. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	39
87	Direct chargino-neutralino production at the LHC: interpreting the exclusion limits in the complex MSSM. <i>European Physical Journal C</i> , 2013, 73, 1.	3.9	36
88	Finite theories after the discovery of a Higgs-like boson at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 718, 1430-1435.	4.1	13
89	Charged Higgs boson mass of the MSSM in the Feynman diagrammatic approach. <i>Physical Review D</i> , 2013, 88, .	4.7	13
90	New constraints on general slepton flavor mixing. <i>Physical Review D</i> , 2013, 88, .	4.7	25

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91	Finite theories before and after the discovery of a Higgs boson at the LHC. Fortschritte Der Physik, 2013, 61, 969-993.	4.4	10
92	Recent developments in HiggsBounds and a preview of HiggsSignals. , 2013, , .		15
93	Neutralino decays in the complex MSSM at one loop: A comparison of on-shell renormalization schemes. Physical Review D, 2012, 86, .	4.7	15
94	Heavy scalar top quark decays in the complex MSSM: A full one-loop analysis. Physical Review D, 2012, 86, .	4.7	24
95	FUTS AND THE HIGGS-BOSON. International Journal of Modern Physics Conference Series, 2012, 13, 118-126.	0.7	8
96	Chargino decays in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2012, 72, 1.	3.9	21
97	Heavy scalar tau decays in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2012, 72, 1.	3.9	12
98	Confronting the MSSM and the NMSSM with the discovery of a signal in the two photon channel at the LHC. European Physical Journal C, 2012, 72, 1.	3.9	93
99	The CMSSM and NUHM1 in light of 7 TeV LHC, $B \rightarrow s \gamma$ and XENON100 data. European Physical Journal C, 2012, 72, 1.	3.9	147
100	Higgs boson masses and B-physics constraints in Non-Minimal Flavor Violating SUSY scenarios. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
101	Flavour Les Houches Accord: Interfacing flavour related codes. Computer Physics Communications, 2012, 183, 285-298.	7.5	16
102	Interpreting the LHC Higgs search results in the MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 710, 201-206.	4.1	272
103	Supersymmetry in light of 1/fb of LHC data. European Physical Journal C, 2012, 72, 1.	3.9	61
104	Glino decays in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2012, 72, 1.	3.9	14
105	Higgs and supersymmetry. European Physical Journal C, 2012, 72, 1.	3.9	108
106	Higgs and Electroweak Physics. Scottish Graduate Series, 2012, , 37-67.	0.1	0
107	HiggsBounds 2.0.0: Confronting neutral and charged Higgs sector predictions with exclusion bounds from LEP and the Tevatron. Computer Physics Communications, 2011, 182, 2605-2631.	7.5	408
108	Frequentist analysis of the parameter space of minimal supergravity. European Physical Journal C, 2011, 71, 1.	3.9	41

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109	Implications of initial LHC searches for supersymmetry. European Physical Journal C, 2011, 71, 1.	3.9	52
110	BSM Higgs physics in the exclusive forward proton mode at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	22
111	Supersymmetry and dark matter in light of LHC 2010 and XENON100 data. European Physical Journal C, 2011, 71, 1.	3.9	62
112	Standard model Higgs-boson branching ratios with uncertainties. European Physical Journal C, 2011, 71, 1.	3.9	179
113	Benchmark models, planes, lines and points for future SUSY searches at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	95
114	Higgs boson masses in the MSSM with heavy Majorana neutrinos. Journal of High Energy Physics, 2011, 2011, 1.	4.7	10
115	Probing the Higgs sector of high-scale supersymmetry-breaking models at the Tevatron. Physical Review D, 2011, 83, .	4.7	5
116	Finite Unification: phenomenology. Journal of Physics: Conference Series, 2010, 259, 012097.	0.4	3
117	From the LHC to future colliders. European Physical Journal C, 2010, 66, 525-583.	3.9	45
118	HiggsBounds: Confronting arbitrary Higgs sectors with exclusion bounds from LEP and the Tevatron. Computer Physics Communications, 2010, 181, 138-167.	7.5	501
119	SUSY Predictions for the LHC. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 73-81.	0.4	1
120	The Hunt for New Physics at the Large Hadron Collider. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 185-417.	0.4	104
121	FeynHiggs 2.7. Nuclear Physics, Section B, Proceedings Supplements, 2010, 205-206, 152-157.	0.4	41
122	Finiteness in $SU(3)$ models. Fortschritte Der Physik, 2010, 58, 729-732.	4.4	7
123	Proposals for bottom quark/squark renormalization in the complex MSSM. Physical Review D, 2010, 82, .	4.7	37
124	Finite $SU(3)$ model. AIP Conference Proceedings, 2010, , .	0.4	11
125	Predictions for m and t in minimal supersymmetric models. Physical Review D, 2010, 81, .	4.7	10
126	The FP420 R&D project: Higgs and New Physics with forward protons at the LHC. Journal of Instrumentation, 2009, 4, T10001-T10001.	1.2	101

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127	SUSY Les Houches Accord 2. Computer Physics Communications, 2009, 180, 8-25.	7.5	295
128	FeynHiggs: A program for the calculation of MSSM Higgs-boson observables " Version 2.6.5. Computer Physics Communications, 2009, 180, 1426-1427.	7.5	160
129	Mass bounds on a very light neutralino. European Physical Journal C, 2009, 62, 547-572.	3.9	127
130	Likelihood functions for supersymmetric observables in frequentist analyses of the CMSSM and NUHM1. European Physical Journal C, 2009, 64, 391-415.	3.9	83
131	Phenomenology of SU(5) finite unified theories. Journal of Physics: Conference Series, 2009, 171, 012096.	0.4	3
132	B, D and K decays. Advances in the Physics of Particles and Nuclei, 2009, , 297-480.	0.1	0
133	Collider aspects of flavor physics at high Q. Advances in the Physics of Particles and Nuclei, 2009, , 171-295.	0.1	0
134	Polarized positrons and electrons at the linear collider. Physics Reports, 2008, 460, 131-243.	25.6	222
135	FeynHiggs and More. Nuclear Physics, Section B, Proceedings Supplements, 2008, 183, 202-208.	0.4	2
136	Two-Loop Corrections to the Charged Higgs-Boson Mass in the MSSM. Nuclear Physics, Section B, Proceedings Supplements, 2008, 183, 86-90.	0.4	0
137	Studying the MSSM Higgs sector by forward proton tagging at the LHC. European Physical Journal C, 2008, 53, 231-256.	3.9	55
138	Collider aspects of flavor physics at high Q. European Physical Journal C, 2008, 57, 183-307.	3.9	59
139	B, D and K decays. European Physical Journal C, 2008, 57, 309-492.	3.9	146
140	Confronting finite unified theories with low-energy phenomenology. Journal of High Energy Physics, 2008, 2008, 135-135.	4.7	27
141	Z pole observables in the MSSM. Journal of High Energy Physics, 2008, 2008, 039-039.	4.7	70
142	B-physics observables and electroweak precision data in the CMSSM, mGMSB and mAMSB. Journal of High Energy Physics, 2008, 2008, 087-087.	4.7	33
143	Central exclusive diffractive MSSM Higgs-boson production at the LHC. Journal of Physics: Conference Series, 2008, 110, 072016.	0.4	7
144	Heavy MSSM Higgs Bosons at CMS: "LHC wedge"™ and Higgs-Mass precision. Journal of Physics: Conference Series, 2008, 110, 072047.	0.4	1

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145	Predictions for supersymmetric particle masses using indirect experimental and cosmological constraints. <i>Journal of High Energy Physics</i> , 2008, 2008, 117-117.	4.7	77
146	The Higgs boson masses and mixings of the complex MSSM in the Feynman-diagrammatic approach. <i>Journal of High Energy Physics</i> , 2007, 2007, 047-047.	4.7	532
147	The supersymmetric parameter space in light of b -physics observables and electroweak precision data. <i>Journal of High Energy Physics</i> , 2007, 2007, 083-083.	4.7	98
148	WMAP-compliant benchmark surfaces for MSSM Higgs bosons. <i>Journal of High Energy Physics</i> , 2007, 2007, 092-092.	4.7	23
149	The Higgs sector of the complex MSSM at two-loop order: QCD contributions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 652, 300-309.	4.1	110
150	Light heavy MSSM Higgs bosons at large $\tan\beta$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 653, 292-299.	4.1	33
151	Prediction for the lightest Higgs boson mass in the CMSSM using indirect experimental constraints. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2007, 657, 87-94.	4.1	61
152	Search for heavy neutral MSSM Higgs bosons with CMS: reach and Higgs mass precision. <i>European Physical Journal C</i> , 2007, 52, 383-395.	3.9	32
153	Testing the minimal supersymmetric standard model with the mass of the W boson. <i>Pramana - Journal of Physics</i> , 2007, 69, 783-788.	1.8	2
154	Higher-order corrected Higgs bosons in FeynHiggs2.4. <i>Pramana - Journal of Physics</i> , 2007, 69, 861-869.	1.8	12
155	Electroweak precision data and gravitino dark matter. <i>Pramana - Journal of Physics</i> , 2007, 69, 947-951.	1.8	5
156	Electroweak precision observables in the minimal supersymmetric standard model. <i>Physics Reports</i> , 2006, 425, 265-368.	25.6	209
157	Physics interplay of the LHC and the ILC. <i>Physics Reports</i> , 2006, 426, 47-358.	25.6	297
158	Supersymmetry parameter analysis: SPA convention and project. <i>European Physical Journal C</i> , 2006, 46, 43-60.	3.9	218
159	MSSM Higgs boson searches at the Tevatron and the LHC: Impact of different benchmark scenarios. <i>European Physical Journal C</i> , 2006, 45, 797-814.	3.9	92
160	Search for neutral MSSM Higgs bosons at LEP. <i>European Physical Journal C</i> , 2006, 47, 547.	3.9	592
161	Precise prediction for M_W in the MSSM. <i>Journal of High Energy Physics</i> , 2006, 2006, 052-052.	4.7	120
162	Phenomenological indications of the scale of supersymmetry. <i>Journal of High Energy Physics</i> , 2006, 2006, 005-005.	4.7	48

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163	MSSM HIGGS PHYSICS AT HIGHER ORDERS. International Journal of Modern Physics A, 2006, 21, 2659-2772.	1.5	119
164	High-precision predictions for the MSSM Higgs sector at $\mathcal{O}(\alpha_{\text{S}})$. European Physical Journal C, 2005, 39, 465-481.	3.9	131
165	Electroweak precision observables: two-loop Yukawa corrections of supersymmetric particles. Journal of High Energy Physics, 2005, 2005, 027-027.	4.7	28
166	Indirect Sensitivities to the Scale of Supersymmetry. Journal of High Energy Physics, 2005, 2005, 013-013.	4.7	75
167	Finite Unified Theories and the Higgs Mass Prediction. Springer Proceedings in Physics, 2005, , 273-284.	0.2	4
168	LHC/LC Interplay in the MSSM Higgs Sector. Journal of High Energy Physics, 2004, 2004, 062-062.	4.7	17
169	Extracting Higgs boson couplings from CERN LHC data. Physical Review D, 2004, 70, .	4.7	186
170	SUSY Les Houches Accord: Interfacing SUSY Spectrum Calculators, Decay Packages, and Event Generators. Journal of High Energy Physics, 2004, 2004, 036-036.	4.7	413
171	Electroweak precision observables in the MSSM with non-minimal flavor violation. European Physical Journal C, 2004, 37, 481-493.	3.9	52
172	Precision SUSY Physics. Nuclear Physics, Section B, Proceedings Supplements, 2004, 135, 114-118.	0.4	1
173	Two-loop SUSY corrections to the anomalous magnetic moment of the muon. Nuclear Physics B, 2004, 690, 62-80.	2.5	127
174	Electroweak and supersymmetric two-loop corrections to. Nuclear Physics B, 2004, 699, 103-123.	2.5	144
175	Suggestions for benchmark scenarios for MSSM Higgs boson searches at hadron colliders. European Physical Journal C, 2003, 26, 601-607.	3.9	196
176	Towards high-precision predictions for the MSSM Higgs sector. European Physical Journal C, 2003, 28, 133-143.	3.9	730
177	Very heavy MSSM higgs-boson production at the linear collider. Nuclear Physics, Section B, Proceedings Supplements, 2003, 116, 336-340.	0.4	5
178	MSSM Higgs-boson production at the linear collider: dominant corrections to the WW-fusion channel. Nuclear Physics B, 2003, 652, 229-258.	2.5	29
179	Physics impact of a precise determination of the top quark mass at an e^+e^- linear collider. Journal of High Energy Physics, 2003, 2003, 075-075.	4.7	39
180	Precision Analysis of the Lightest MSSM Higgs Boson at Future Colliders. Journal of High Energy Physics, 2003, 2003, 006-006.	4.7	23

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181	Leading Electroweak Two-Loop Corrections to Precision Observables in the MSSM. Journal of High Energy Physics, 2002, 2002, 072-072.	4.7	46
182	Implications of the Higgs boson searches on different soft SUSY-breaking scenarios. Nuclear Physics B, 2002, 624, 3-44.	2.5	43
183	The Snowmass Points and Slopes: benchmarks for SUSY searches. European Physical Journal C, 2002, 25, 113-123.	3.9	482
184	Neutral MSSM Higgs-boson production at $\mathit{e^+e^-}$ colliders in the Feynman-diagrammatic approach. European Physical Journal C, 2001, 19, 535-546.	3.9	31
185	The Higgs boson sector of the complex MSSM in the Feynman-diagrammatic approach. European Physical Journal C, 2001, 22, 521-534.	3.9	85
186	Observability of the lightest CMSSM Higgs boson at hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 515, 348-358.	4.1	37
187	FeynHiggs: a program for the calculation of the masses of the neutral CP -even Higgs bosons in the MSSM. Computer Physics Communications, 2000, 124, 76-89.	7.5	853
188	Physics impact of GigaZ. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 125-133.	4.1	84
189	Decay widths of the neutral CP -even MSSM Higgs bosons in the Feynman-diagrammatic approach. European Physical Journal C, 2000, 16, 139-153.	3.9	71
190	Constraints on $\tan \hat{\beta}$ in the MSSM from the upper bound on the mass of the lightest Higgs boson. Journal of High Energy Physics, 2000, 2000, 009-009.	4.7	47
191	Reconciling the two-loop diagrammatic and effective field theory computations of the mass of the lightest CP -even Higgs boson in the MSSM. Nuclear Physics B, 2000, 580, 29-57.	2.5	266
192	The mass of the lightest MSSM Higgs boson: A compact analytical expression at the two-loop level. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 455, 179-191.	4.1	117
193	The masses of the neutral CP -even Higgs bosons in the MSSM: Accurate analysis at the two-loop level. European Physical Journal C, 1999, 9, 343-366.	3.9	670
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