

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
g-index

203
all docs

203
docs citations

203
times ranked

12352
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of Particle Physics. Physical Review D, 2018, 98, .	4.7	5,390
2	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
3	Towards high-precision predictions for the MSSM Higgs sector. European Physical Journal C, 2003, 28, 133-143.	3.9	730
4	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
5	Search for neutral MSSM Higgs bosons at LEP. European Physical Journal C, 2006, 47, 547.	3.9	592
6	The Higgs boson masses and mixings of the complex MSSM in the Feynman-diagrammatic approach. Journal of High Energy Physics, 2007, 2007, 047-047.	4.7	532
7	HiggsBounds: Confronting arbitrary Higgs sectors with exclusion bounds from LEP and the Tevatron. Computer Physics Communications, 2010, 181, 138-167.	7.5	501
8	The Snowmass Points and Slopes: benchmarks for SUSY searches. European Physical Journal C, 2002, 25, 113-123.	3.9	482
9	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
10	HiggsBounds-4: improved tests of extended Higgs sectors against exclusion bounds from LEP, the Tevatron and the LHC. European Physical Journal C, 2014, 74, 1.	3.9	412
11	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
12	HiggsSignals: Confronting arbitrary Higgs sectors with measurements at the Tevatron and the LHC. European Physical Journal C, 2014, 74, 1.	3.9	391
13	The masses of the neutral. European Physical Journal C, 1999, 9, 343.	3.9	322
14	Physics interplay of the LHC and the ILC. Physics Reports, 2006, 426, 47-358.	25.6	297
15	SUSY Les Houches Accord 2. Computer Physics Communications, 2009, 180, 8-25.	7.5	295
16	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
17	High-Precision Predictions for the Light CP-even Higgs Boson Mass of the Minimal Supersymmetric Standard Model. Physical Review Letters, 2014, 112, 141801.	7.8	272
18	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

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19	Polarized positrons and electrons at the linear collider. <i>Physics Reports</i> , 2008, 460, 131-243.	25.6	222
20	Supersymmetry parameter analysis: SPA convention and project. <i>European Physical Journal C</i> , 2006, 46, 43-60.	3.9	218
21	Electroweak precision observables in the minimal supersymmetric standard model. <i>Physics Reports</i> , 2006, 425, 265-368.	25.6	209
22	Suggestions for benchmark scenarios for MSSM Higgs boson searches at hadron colliders. <i>European Physical Journal C</i> , 2003, 26, 601-607.	3.9	196
23	QCD corrections to the masses of the neutral CP-even Higgs bosons in the minimal supersymmetric standard model. <i>Physical Review D</i> , 1998, 58, .	4.7	192
24	Extracting Higgs boson couplings from CERN LHC data. <i>Physical Review D</i> , 2004, 70, .	4.7	186
25	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
26	Standard model Higgs-boson branching ratios with uncertainties. <i>European Physical Journal C</i> , 2011, 71, 1.	3.9	179
27	Applying exclusion likelihoods from LHC searches to extended Higgs sectors. <i>European Physical Journal C</i> , 2015, 75, 1.	3.9	170
28	Precise prediction for the mass of the lightest Higgs boson in the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 440, 296-304.	4.1	166
29	FeynHiggs: A program for the calculation of MSSM Higgs-boson observables “ Version 2.6.5. <i>Computer Physics Communications</i> , 2009, 180, 1426-1427.	7.5	160
30	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
31	The CMSSM and NUHM1 in light of 7 TeV LHC, $B \rightarrow s^* \gamma$ and XENON100 data. <i>European Physical Journal C</i> , 2012, 72, 1.	3.9	147
32	B, D and K decays. <i>European Physical Journal C</i> , 2008, 57, 309-492.	3.9	146
33	Electroweak and supersymmetric two-loop corrections to. <i>Nuclear Physics B</i> , 2004, 699, 103-123.	2.5	144
34	HiggsBounds-5: testing Higgs sectors in the LHC 13 TeV Era. <i>European Physical Journal C</i> , 2020, 80, 1.	3.9	138
35	High-precision predictions for the MSSM Higgs sector at $\mathcal{O}(\alpha_{\text{S}})$. <i>European Physical Journal C</i> , 2005, 39, 465-481.	3.9	131
36	Two-loop SUSY corrections to the anomalous magnetic moment of the muon. <i>Nuclear Physics B</i> , 2004, 690, 62-80.	2.5	127

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37	Mass bounds on a very light neutralino. European Physical Journal C, 2009, 62, 547-572.	3.9	127
38	Precise prediction for $M_{W\text{in}}$ in the MSSM. Journal of High Energy Physics, 2006, 2006, 052-052.	4.7	120
39	MSSM HIGGS PHYSICS AT HIGHER ORDERS. International Journal of Modern Physics A, 2006, 21, 2659-2772.	1.5	119
40	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
41	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
42	The Higgs sector of the complex MSSM at two-loop order: QCD contributions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 652, 300-309.	4.1	110
43	Physics at the e^+e^- linear collider. European Physical Journal C, 2015, 75, 371.	3.9	110
44	Higgs and supersymmetry. European Physical Journal C, 2012, 72, 1.	3.9	108
45	The Hunt for New Physics at the Large Hadron Collider. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 185-417.	0.4	104
46	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
47	The supersymmetric parameter space in light of B -physics observables and electroweak precision data. Journal of High Energy Physics, 2007, 2007, 083-083.	4.7	98
48	Reconciling EFT and hybrid calculations of the light MSSM Higgs-boson mass. European Physical Journal C, 2018, 78, 1.	3.9	97
49	Benchmark models, planes, lines and points for future SUSY searches at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	95
50	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
51	MSSM Higgs boson searches at the Tevatron and the LHC: Impact of different benchmark scenarios. European Physical Journal C, 2006, 45, 797-814.	3.9	92
52	Likelihood analysis of the pMSSM11 in light of LHC 13-TeV data. European Physical Journal C, 2018, 78, 256.	3.9	91
53	Supersymmetric Contributions to Electroweak Precision Observables: QCD Corrections. Physical Review Letters, 1997, 78, 3626-3629.	7.8	87
54	The CMSSM and NUHM1 after LHC Run 1. European Physical Journal C, 2014, 74, 2922.	3.9	86

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55	The Higgs boson sector of the complex MSSM in the Feynman-diagrammatic approach. European Physical Journal C, 2001, 22, 521-534.	3.9	85
56	Physics impact of GigaZ. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 125-133.	4.1	84
57	Supersymmetric dark matter after LHC run 1. European Physical Journal C, 2015, 75, 500.	3.9	84
58	Leading QCD corrections to scalar quark contributions to electroweak precision observables. Physical Review D, 1998, 57, 4179-4196.	4.7	83
59	Likelihood functions for supersymmetric observables in frequentist analyses of the CMSSM and NUHM1. European Physical Journal C, 2009, 64, 391-415.	3.9	83
60	MSSM interpretations of the LHC discovery: light or heavy Higgs?. European Physical Journal C, 2013, 73, 1.	3.9	82
61	Predictions for supersymmetric particle masses using indirect experimental and cosmological constraints. Journal of High Energy Physics, 2008, 2008, 117-117.	4.7	77
62	Indirect Sensitivities to the Scale of Supersymmetry. Journal of High Energy Physics, 2005, 2005, 013-013.	4.7	75
63	Decay widths of the neutral \mathcal{CP} -even MSSM Higgs bosons in the Feynman-diagrammatic approach. European Physical Journal C, 2000, 16, 139-153.	3.9	71
64	Z -pole observables in the MSSM. Journal of High Energy Physics, 2008, 2008, 039-039.	4.7	70
65	Precision calculations in the MSSM Higgs-boson sector with FeynHiggs 2.14. Computer Physics Communications, 2020, 249, 107099.	7.5	69
66	Supersymmetry and dark matter in light of LHC 2010 and XENON100 data. European Physical Journal C, 2011, 71, 1.	3.9	62
67	Prediction for the lightest Higgs boson mass in the CMSSM using indirect experimental constraints. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 657, 87-94.	4.1	61
68	Supersymmetry in light of $1/\text{fb}$ of LHC data. European Physical Journal C, 2012, 72, 1.	3.9	61
69	Collider aspects of flavor physics at high Q. European Physical Journal C, 2008, 57, 183-307.	3.9	59
70	Momentum-dependent two-loop QCD corrections to the neutral Higgs-boson masses in the MSSM. European Physical Journal C, 2014, 74, 1.	3.9	59
71	Implications of improved Higgs mass calculations for supersymmetric models. European Physical Journal C, 2014, 74, 2809.	3.9	58
72	The pMSSM10 after LHC run 1. European Physical Journal C, 2015, 75, 422.	3.9	58

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73	The light and heavy Higgs interpretation of the MSSM. European Physical Journal C, 2017, 77, 1.	3.9	56
74	MSSM Higgs boson searches at the LHC: benchmark scenarios for Run 2 and beyond. European Physical Journal C, 2019, 79, 1.	3.9	56
75	Studying the MSSM Higgs sector by forward proton tagging at the LHC. European Physical Journal C, 2008, 53, 231-256.	3.9	55
76	Electroweak precision observables in the MSSM with non-minimal flavor violation. European Physical Journal C, 2004, 37, 481-493.	3.9	52
77	Implications of initial LHC searches for supersymmetry. European Physical Journal C, 2011, 71, 1.	3.9	52
78	Higgs-mass predictions in the MSSM and beyond. European Physical Journal C, 2021, 81, 1.	3.9	50
79	Phenomenological indications of the scale of supersymmetry. Journal of High Energy Physics, 2006, 2006, 005-005.	4.7	48
80	Constraints on $\tan \hat{\beta}^2$ 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
81	Precise prediction for the Higgs-boson masses in the $\mu \ll M_{1/2}$ MSSM. European Physical Journal C, 2018, 78, 1.	3.9	47
82	Leading Electroweak Two-Loop Corrections to Precision Observables in the MSSM. Journal of High Energy Physics, 2002, 2002, 072-072.	4.7	46
83	From the LHC to future colliders. European Physical Journal C, 2010, 66, 525-583.	3.9	45
84	The new μ result and supersymmetry. European Physical Journal C, 2021, 81, 1.	3.9	44
85	Implications of the Higgs boson searches on different soft SUSY-breaking scenarios. Nuclear Physics B, 2002, 624, 3-44.	2.5	43
86	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
87	FeynHiggs 2.7. Nuclear Physics, Section B, Proceedings Supplements, 2010, 205-206, 152-157.	0.4	41
88	Frequentist analysis of the parameter space of minimal supergravity. European Physical Journal C, 2011, 71, 1.	3.9	41
89	The implementation of the renormalized complex MSSM in FeynArts and FormCalc. Computer Physics Communications, 2014, 185, 1529-1545.	7.5	41
90	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

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91	A 96 GeV Higgs boson in the N2HDM. European Physical Journal C, 2020, 80, 1.	3.9	40
92	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
93	Implications of LHC search results on the W boson mass prediction in the MSSM. Journal of High Energy Physics, 2013, 2013, 1.	4.7	39
94	Improved $(g-2)_\mu$ measurements and supersymmetry. European Physical Journal C, 2020, 80, 1.	3.9	39
95	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
96	Proposals for bottom quark/squark renormalization in the complex MSSM. Physical Review D, 2010, 82, .	4.7	37
97	The NUHM2 after LHC Run 1. European Physical Journal C, 2014, 74, 3212.	3.9	37
98	Direct chargino-neutralino production at the LHC: interpreting the exclusion limits in the complex MSSM. European Physical Journal C, 2013, 73, 1.	3.9	36
99	Light heavy MSSM Higgs bosons at large $\tan\beta$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 292-299.	4.1	33
100	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
101	Theoretical uncertainties in the MSSM Higgs boson mass calculation. European Physical Journal C, 2020, 80, 1.	3.9	33
102	Search for heavy neutral MSSM Higgs bosons with CMS: reach and Higgs mass precision. European Physical Journal C, 2007, 52, 383-395.	3.9	32
103	Neutral MSSM Higgs-boson production at e^+e^- colliders in the Feynman-diagrammatic approach. European Physical Journal C, 2001, 19, 535-546.	3.9	31
104	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
105	Electroweak precision observables: two-loop Yukawa corrections of supersymmetric particles. Journal of High Energy Physics, 2005, 2005, 027-027.	4.7	28
106	Likelihood analysis of the sub-GUT MSSM in light of LHC 13-TeV data. European Physical Journal C, 2018, 78, 1.	3.9	28
107	Reinterpretation of LHC Results for New Physics: Status and recommendations after Run 2. SciPost Physics, 2020, 9, .	4.9	28
108	Confronting finite unified theories with low-energy phenomenology. Journal of High Energy Physics, 2008, 2008, 135-135.	4.7	27

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109	Higgs-boson masses and mixing matrices in the NMSSM: analysis of on-shell calculations. European Physical Journal C, 2017, 77, 1.	3.9	26
110	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
111	New constraints on general slepton flavor mixing. Physical Review D, 2013, 88, .	4.7	25
112	Exploring sizable triple Higgs couplings in the 2HDM. European Physical Journal C, 2020, 80, 1.	3.9	25
113	Heavy scalar top quark decays in the complex MSSM: A full one-loop analysis. Physical Review D, 2012, 86, .	4.7	24
114	The NMSSM lives: with the 750 GeV diphoton excess. European Physical Journal C, 2016, 76, 1.	3.9	24
115	Precise predictions for the Higgs-boson masses in the NMSSM. European Physical Journal C, 2017, 77, 1.	3.9	24
116	Likelihood analysis of the minimal AMSB model. European Physical Journal C, 2017, 77, 268.	3.9	24
117	Supersymmetric models in light of improved Higgs mass calculations. European Physical Journal C, 2019, 79, 1.	3.9	24
118	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
119	Improved $(g-2)_\mu$ measurements and wino/higgsino dark matter. European Physical Journal C, 2021, 81, 1.	3.9	24
120	Precision Analysis of the Lightest MSSM Higgs Boson at Future Colliders. Journal of High Energy Physics, 2003, 2003, 006-006.	4.7	23
121	WMAP-compliant benchmark surfaces for MSSM Higgs bosons. Journal of High Energy Physics, 2007, 2007, 092-092.	4.7	23
122	BSM Higgs physics in the exclusive forward proton mode at the LHC. European Physical Journal C, 2011, 71, 1.	3.9	22
123	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
124	Chargino decays in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2012, 72, 1.	3.9	21
125	Reduction of couplings and its application in particle physics. Physics Reports, 2019, 814, 1-43.	25.6	21
126	Likelihood analysis of supersymmetric SU(5) GUTs. European Physical Journal C, 2017, 77, 104.	3.9	20

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127	The new $(g-2)_\mu$ result and the μ g-2 anomaly. European Physical Journal C, 2021, 81, 1.	3.9	20
128	The decay $h \rightarrow A \rightarrow A A$: a complete one-loop calculation in the MSSM. Nuclear Physics B, 1996, 474, 32-56.	2.5	19
129	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
130	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
131	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
132	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
133	LHC/LC Interplay in the MSSM Higgs Sector. Journal of High Energy Physics, 2004, 2004, 062-062.	4.7	17
134	Global analysis of dark matter simplified models with leptophobic spin-one mediators using MasterCode. European Physical Journal C, 2019, 79, 1.	3.9	17
135	$(g-2)_\mu$ and SUSY dark matter: direct detection and collider search complementarity. European Physical Journal C, 2022, 82, .	3.9	17
136	Flavour Les Houches Accord: Interfacing flavour related codes. Computer Physics Communications, 2012, 183, 285-298.	7.5	16
137	Updated constraints on general squark flavor mixing. Physical Review D, 2014, 90, .	4.7	16
138	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
139	Neutralino decays in the complex MSSM at one loop: A comparison of on-shell renormalization schemes. Physical Review D, 2012, 86, .	4.7	15
140	Heavy Higgs decays into sfermions in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2015, 75, 1.	3.9	15
141	Recent developments in HiggsBounds and a preview of HiggsSignals. , 2013, , .		15
142	Glino decays in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2012, 72, 1.	3.9	14
143	Finite theories after the discovery of a Higgs-like boson at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 1430-1435.	4.1	13
144	Charged Higgs boson mass of the MSSM in the Feynman diagrammatic approach. Physical Review D, 2013, 88, .	4.7	13

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145	HL-LHC and ILC sensitivities in the hunt for heavy Higgs bosons. European Physical Journal C, 2020, 80, 1.	3.9	13
146	Higher-order corrected Higgs bosons in FeynHiggs2.4. Pramana - Journal of Physics, 2007, 69, 861-869.	1.8	12
147	Heavy scalar tau decays in the complex MSSM: a full one-loop analysis. European Physical Journal C, 2012, 72, 1.	3.9	12
148	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
149	The ≈ 96 GeV excess at the LHC. International Journal of Modern Physics A, 2021, 36, 2142018.	1.5	12
150	Interdependence of the new μ on G-2 result and the W-boson mass. European Physical Journal C, 2022, 82, .	3.9	12
151	Triple Higgs couplings in the 2HDM: the complete picture. European Physical Journal C, 2022, 82, .	3.9	12
152	Finite SU(3) ^[sup 3] model. AIP Conference Proceedings, 2010, , .	0.4	11
153	Phenomenology tools on cloud infrastructures using OpenStack. European Physical Journal C, 2013, 73, 1.	3.9	11
154	Higgs masses and electroweak precision observables in the lepton-flavor-violating MSSM. Physical Review D, 2014, 90, .	4.7	11
155	Predictions for m_t and M_W in minimal supersymmetric models. Physical Review D, 2010, 81, .	4.7	10
156	Higgs boson masses in the MSSM with heavy Majorana neutrinos. Journal of High Energy Physics, 2011, 2011, 1.	4.7	10
157	Finite unified theories and their predictions. Physics of Particles and Nuclei, 2013, 44, 299-315.	0.7	10
158	Finite theories before and after the discovery of a Higgs boson at the LHC. Fortschritte Der Physik, 2013, 61, 969-993.	4.4	10
159	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
160	A Higgs boson below 125 GeV?!. International Journal of Modern Physics A, 2018, 33, 1844006.	1.5	10
161	The LHC Higgs boson discovery: Implications for Finite Unified Theories. International Journal of Modern Physics A, 2014, 29, 1430032.	1.5	9
162	FUTS AND THE HIGGS-BOSON. International Journal of Modern Physics Conference Series, 2012, 13, 118-126.	0.7	8

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163	Reduction of the parameters in MSSM. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
164	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
165	Constraining the $\mathcal{C}\mathcal{P}$ structure of Higgs-fermion couplings with a global LHC fit, the electron EDM and baryogenesis. European Physical Journal C, 2022, 82, .	3.9	8
166	Central exclusive diffractive MSSM Higgs-boson production at the LHC. Journal of Physics: Conference Series, 2008, 110, 072016.	0.4	7
167	Finiteness in $SU(3)_{\text{C}}$ models. Fortschritte Der Physik, 2010, 58, 729-732.	4.4	7
168	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
169	Very heavy MSSM higgs-boson production at the linear collider. Nuclear Physics, Section B, Proceedings Supplements, 2003, 116, 336-340.	0.4	5
170	Electroweak precision data and gravitino dark matter. Pramana - Journal of Physics, 2007, 69, 947-951.	1.8	5
171	Probing the Higgs sector of high-scale supersymmetry-breaking models at the Tevatron. Physical Review D, 2011, 83, .	4.7	5
172	Reduction of parameters in Finite Unified Theories and the MSSM. Nuclear Physics B, 2018, 927, 319-338.	2.5	5
173	Theory requirements for SM Higgs and EW precision physics at the FCC-ee. European Physical Journal Plus, 2021, 136, 1.	2.6	5
174	Effects of sfermion mixing induced by RGE running in the minimal flavor violating CMSSM. European Physical Journal C, 2015, 75, 1.	3.9	4
175	The LHC Higgs Boson Discovery: Updated Implications for Finite Unified Theories and the SUSY Breaking Scale. Symmetry, 2018, 10, 62.	2.2	4
176	Finite Unified Theories and the Higgs Mass Prediction. Springer Proceedings in Physics, 2005, , 273-284.	0.2	4
177	Phenomenology of $SU(5)$ finite unified theories. Journal of Physics: Conference Series, 2009, 171, 012096.	0.4	3
178	Finite Unification: phenomenology. Journal of Physics: Conference Series, 2010, 259, 012097.	0.4	3
179	Radiative Corrections to M_1 Three Generations of Majorana Neutrinos and Sneutrinos. Advances in High Energy Physics, 2015, 2015, 1-26.	1.1	3
180	Updates and New Results in Models with Reduced Couplings. Fortschritte Der Physik, 2020, 68, 2000028.	4.4	3

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181	Probing unified theories with reduced couplings at future hadron colliders. European Physical Journal C, 2021, 81, 1.	3.9	3
182	The masses of the neutral ($\{cal CP\}$)-even Higgs bosons in the MSSM: Accurate analysis at the two-loop level. , 1999, 9, 343.		3
183	Precise predictions for Higgs-masses in the Next-to-Minimal Supersymmetric Standard Model (NMSSM). , 2016, , .		3
184	Vacuum (meta-)stability in the μu MSSM. European Physical Journal C, 2022, 82, 1.	3.9	3
185	Testing the minimal supersymmetric standard model with the mass of the W boson. Pramana - Journal of Physics, 2007, 69, 783-788.	1.8	2
186	FeynHiggs and More. Nuclear Physics, Section B, Proceedings Supplements, 2008, 183, 202-208.	0.4	2
187	Reduction of couplings in a finite GUT and the MSSM. Physics of Particles and Nuclei Letters, 2014, 11, 910-919.	0.4	2
188	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
189	The 750 GeV diphoton excess and SUSY. International Journal of Modern Physics A, 2016, 31, 1630023.	1.5	2
190	High Precision Prediction for M_h in the MSSM. Nuclear and Particle Physics Proceedings, 2016, 273-275, 794-800.	0.5	2
191	Reduction of Couplings in Quantum Field Theories with Applications in Finite Theories and the MSSM. Springer Proceedings in Mathematics and Statistics, 2014, , 177-196.	0.2	2
192	Precision SUSY Physics. Nuclear Physics, Section B, Proceedings Supplements, 2004, 135, 114-118.	0.4	1
193	Heavy MSSM Higgs Bosons at CMS: $\sqrt{s} = 7$ TeV LHC wedge and Higgs-Mass precision. Journal of Physics: Conference Series, 2008, 110, 072047.	0.4	1
194	SUSY Predictions for the LHC. Nuclear Physics, Section B, Proceedings Supplements, 2010, 200-202, 73-81.	0.4	1
195	Finite Theories predictions vs. the Discovery of a Higgs-like Boson at the LHC. EPJ Web of Conferences, 2014, 70, 00005.	0.3	1
196	Renormalization of the Complex MSSM in FeynArts/FormCalc. Nuclear and Particle Physics Proceedings, 2015, 267-269, 158-164.	0.5	1
197	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
198	B, D and K decays. Advances in the Physics of Particles and Nuclei, 2009, , 297-480.	0.1	0

#	ARTICLE	IF	CITATIONS
199	Collider aspects of flavor physics at high Q. Advances in the Physics of Particles and Nuclei, 2009, , 171-295.	0.1	0
200	Higgs and Electroweak Physics. Scottish Graduate Series, 2012, , 37-67.	0.1	0
201	New results in models with reduced couplings. International Journal of Modern Physics A, 0, , .	1.5	0