Howard Baer

List of Publications by Year
in descending order

199 papers	9,670 citations	26630 56 h-index	48315 88 g-index
203 all docs	203 docs citations	203 times ranked	5878 citing authors

#	Article	IF	Citations
1	Dark matter production in the early Universe: Beyond the thermal WIMP paradigm. Physics Reports, 2015, 555, 1-60.	25.6	261
2	Direct, indirect and collider detection of neutralino dark matter in SUSY models with non-universal Higgs masses. Journal of High Energy Physics, 2005, 2005, 065-065.	4.7	237
3	Radiative Natural Supersymmetry with a 125ÂGeV Higgs Boson. Physical Review Letters, 2012, 109, 161802.	7.8	232
4	Cosmological relic density from minimal supergravity with implications for collider physics. Physical Review D, 1996, 53, 597-605.	4.7	230
5	Neutralino dark matter in minimal supergravity: Direct detection versus collider searches. Physical Review D, 1998, 57, 567-577.	4.7	212
6	Signals for minimal supergravity at the CERN Large Hadron Collider. II. Multilepton channels. Physical Review D, 1996, 53, 6241-6264.	4.7	191
7	Signals for minimal supergravity at the CERN Large Hadron Collider: Multijet plus missing energy channel. Physical Review D, 1995, 52, 2746-2759.	4.7	177
8	Yukawa unified supersymmetricSO(10)model: Cosmology, rare decays, and collider searches. Physical Review D, 2000, 63, .	4.7	170
9	Neutralino relic density in minimal supergravity with co-annihilations. Journal of High Energy Physics, 2002, 2002, 042-042.	4.7	164
10	Â2analysis of the minimal supergravity model including WMAP, (gÂ2)ÂandbÂsÂ constraints. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 006-006.	5.4	158
11	Updated reach of CERN LHC and constraints from relic density,bâ†'sÎ³ andaÎ¼in the mSUGRA model. Journal of High Energy Physics, 2003, 2003, 054-054.	4.7	155
12	Implications of a 125ÂGeV Higgs scalar for the LHC supersymmetry and neutralino dark matter searches. Physical Review D, 2012, 85, .	4.7	149
13	Radiative natural supersymmetry: Reconciling electroweak fine-tuning and the Higgs boson mass. Physical Review D, 2013, 87, .	4.7	143
14	Detecting gluinos at hadron supercolliders. Physical Review D, 1987, 36, 96-108.	4.7	125
15	bâ†'sÎ³constraints on the minimal supergravity model with largetanÎ². Physical Review D, 1998, 58, .	4.7	124
16	Updated Constraints on the Minimal Supergravity Model. Journal of High Energy Physics, 2002, 2002, 050-050.	4.7	124
17	Natural supersymmetry: LHC, dark matter and ILC searches. Journal of High Energy Physics, 2012, 2012, 1.	4.7	118
18	Probing minimal supergravity at the CERN LHC for largetanÎ². Physical Review D, 1999, 59, .	4.7	112

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19	Gauginos as a signal for supersymmetry atppÂ¯colliders. Physical Review D, 1987, 35, 1598-1625.	4.7	107
20	Neutralino cold dark matter in a one-parameter extension of the minimal supergravity model. Physical Review D, 2005, 71, .	4.7	106
21	Neutralino dark matter in mSUGRA/CMSSM with a 125ÂGeV light Higgs scalar. Journal of High Energy Physics, 2012, 2012, 1.	4.7	106
22	Probing charginos and neutralinos beyond the reach of the CERNe+eâ^'collider LEP at the Fermilab Tevatron collider. Physical Review D, 1993, 47, 2739-2745.	4.7	105
23	Impact of the muon anomalous magnetic moment on supersymmetric models. Physical Review D, 2001, 64, .	4.7	104
24	Trileptons from chargino-neutralino production at the CERN Large Hadron Collider. Physical Review D, 1994, 50, 4508-4516.	4.7	103
25	Hidden SUSY at the LHC: the light higgsino-world scenario and the role of a lepton collider. Journal of High Energy Physics, 2011, 2011, 1.	4.7	101
26	Dark matter allowed scenarios for Yukawa-unified SO(10) SUSY GUTs. Journal of High Energy Physics, 2008, 2008, 056-056.	4.7	100
27	Collider Phenomenology for Supersymmetry with Largetanî². Physical Review Letters, 1997, 79, 986-989.	7.8	93
28	Signals for the minimal gauge-mediated supersymmetry-breaking model at the Fermilab Tevatron collider. Physical Review D, 1997, 55, 4463-4474.	4.7	90
29	QCD-improvedbâ†'sî³constraints on the minimal supergravity model. Physical Review D, 1997, 55, 3201-3208.	4.7	88
30	How conventional measures overestimate electroweak fine-tuning in supersymmetric theory. Physical Review D, 2013, 88, .	4.7	88
31	Monojet plus soft dilepton signal from light higgsino pair production at LHC14. Physical Review D, 2014, 90, .	4.7	88
32	Multilepton signals from supersymmetry at hadron supercolliders. Physical Review D, 1992, 45, 142-160.	4.7	86
33	Model independent approach to focus point supersymmetry: from dark matter to collider searches. Journal of High Energy Physics, 2005, 2005, 020-020.	4.7	85
34	Mixed axion/neutralino cold dark matter in supersymmetric models. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 031-031.	5.4	83
35	SUSY models under siege: LHC constraints and electroweak fine-tuning. Physical Review D, 2014, 89, .	4.7	83
36	Aspects of chargino-neutralino production at the Fermilab Tevatron collider. Physical Review D, 1993, 48, 5175-5180.	4.7	81

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37	Low energy antideuterons: shedding light on dark matter. Journal of Cosmology and Astroparticle Physics, 2005, 2005, 008-008.	5.4	78
38	Impact of physical principles at very high energy scales on the superparticle mass spectrum. Journal of High Energy Physics, 2000, 2000, 016-016.	4.7	76
39	Supersymmetry reach of Fermilab Tevatron upgrades: The largetanÎ²case. Physical Review D, 1998, 58, .	4.7	75
40	SupersymmetricSO(10)Grand Unified Models with Yukawa Unification and a PositiveÎ¼Term. Physical Review Letters, 2001, 87, 211803.	7.8	75
41	Yukawa coupling unification in supersymmetric models. Journal of High Energy Physics, 2003, 2003, 023-023.	4.7	75
42	Superparticle mass spectra fromSO(10)grand unified models with Yukawa coupling unification. Physical Review D, 2000, 61, .	4.7	73
43	Direct detection of dark matter in supersymmetric models. Journal of Cosmology and Astroparticle Physics, 2003, 2003, 007-007.	5.4	72
44	Post-LHC7 fine-tuning in the minimal supergravity/CMSSM model with a 125ÂGeV Higgs boson. Physical Review D, 2013, 87, .	4.7	72
45	Phenomenology of gluino decays via loops and top-quark Yukawa coupling. Physical Review D, 1990, 42, 1568-1576.	4.7	71
46	Phenomenology of light top squarks at the Fermilab Tevatron. Physical Review D, 1991, 44, 725-740.	4.7	70
47	Reach of Fermilab Tevatron upgrades for SU(5) supergravity models with nonuniversal gaugino masses. Physical Review D, 2000, 61, .	4.7	70
48	Exploring the BWCA (Bino-Wino co-annihilation) scenario for neutralino dark matter. Journal of High Energy Physics, 2005, 2005, 011-011.	4.7	68
49	Reach of the CERN LHC for the minimal anomaly-mediated SUSY breaking model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 488, 367-372.	4.1	62
50	SEARCHING FOR SUPERSYMMETRY AT e+eâ^' SUPERCOLLIDERS. International Journal of Modern Physics A, 1989, 04, 4111-4163.	1.5	60
51	Mixed axion/neutralino dark matter in the SUSY DFSZ axion model. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 028-028.	5.4	60
52	Direct and indirect detection of higgsino-like WIMPs: Concluding the story of electroweak naturalness. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 330-336.	4.1	59
53	Higgs-boson signals in superstring-inspired models at hadron supercolliders. Physical Review D, 1987, 36, 1363-1377.	4.7	58
54	Search for Higgs bosons of minimal supersymmetry: Impact of supersymmetric decay modes. Physical Review D, 1993, 47, 1062-1079.	4.7	58

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55	Supersymmetry discovery potential of the LHC ats1/2= 10 and 14 TeV without and with missingET. Journal of High Energy Physics, 2009, 2009, 063-063.	4.7	58
56	Cosmological consequences of Yukawa-unified SUSY with mixed axion/axino cold and warm dark matter. Journal of Cosmology and Astroparticle Physics, 2009, 2009, 002-002.	5.4	57
57	Coupled Boltzmann calculation of mixed axion/neutralino cold dark matter production in the early universe. Journal of Cosmology and Astroparticle Physics, 2012, 2012, 036-036.	5.4	57
58	Gluino-cascade-decay signatures at the Fermilab Tevatron collider. Physical Review D, 1990, 41, 906-915.	4.7	56
59	Linear Collider Capabilities for Supersymmetry in Dark Matter Allowed Regions of the mSUGRA Model. Journal of High Energy Physics, 2004, 2004, 007-007.	4.7	56
60	Trilepton signal for supersymmetry at the Fermilab Tevatron reexamined. Physical Review D, 2000, 61, .	4.7	54
61	Multichannel search for minimal supergravity atppÂ¯ande+eâ^'colliders. Physical Review D, 1995, 51, 1046-1050.	4.7	53
62	SUSY Normal Scalar Mass Hierarchy Reconciles (g-2),bÂs,Â and Relic Density. Journal of High Energy Physics, 2004, 2004, 044-044.	4.7	53
63	SUSY under siege from direct and indirect WIMP detection experiments. Physical Review D, 2016, 94, .	4.7	53
64	Can the Data from the CERNppÂ¯Collider Limit Gaugino Masses?. Physical Review Letters, 1986, 57, 294-297.	7.8	52
65	Same-Sign Diboson Signature from Supersymmetry Models with Light Higgsinos at the LHC. Physical Review Letters, 2013, 110, 151801.	7.8	51
66	Monojets and monophotons from light Higgsino pair production at LHC14. Physical Review D, 2014, 89, .	4.7	51
67	Search for top squarks at the Fermilab Tevatron collider. Physical Review D, 1994, 50, 4517-4528.	4.7	50
68	Precision gluino mass at the CERN LHC in supersymmetric models with decoupled scalars. Physical Review D, 2007, 75, .	4.7	50
69	Is ¯just-so'' Higgs splitting needed fortâ^'bâ^'Ï„ Yukawa unified SUSY GUTs?. Journal of High Energy Physics, 2009, 2009, 005-005.	4.7	49
70	Upper bounds on sparticle masses from naturalness or how to disprove weak scale supersymmetry. Physical Review D, 2016, 93, .	4.7	49
71	Capability of LHC to discover supersymmetry with $ sqrt {s} = 7;{ext{TeV}} $ and 1 fbâ^'1. Journal of High Energy Physics, 2010, 2010, 1.	4.7	48
72	Coupled Boltzmann computation of mixed axion neutralino dark matter in the SUSY DFSZ axion model. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 082-082.	5.4	48

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73	Supercollider signals from gluino and squark decays to Higgs bosons. Physical Review D, 1992, 46, 303-314.	4.7	47
74	Target dark matter detection rates in models with a well-tempered neutralino. Journal of Cosmology and Astroparticle Physics, 2007, 2007, 017-017.	5.4	47
75	Collider signals and neutralino dark matter detection in relic-density-consistent models without universality. Journal of High Energy Physics, 2008, 2008, 058-058.	4.7	47
76	Mainly axion cold dark matter from natural supersymmetry. Physical Review D, 2014, 89, .	4.7	47
77	Radiatively-driven natural supersymmetry at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	4.7	44
78	Physics at a Higgsino factory. Journal of High Energy Physics, 2014, 2014, 1.	4.7	44
79	Constraints on the minimal supergravity model from nonstandard vacua. Physical Review D, 1996, 54, 6944-6956.	4.7	43
80	Relating bottom quark mass inDRÂ¯andMSÂ¯regularization schemes. Physical Review D, 2002, 66, .	4.7	42
81	Anomalous muon magnetic moment, supersymmetry, naturalness, LHC search limits and the landscape. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136480.	4.1	41
82	Multilepton signals from WÂ± and Z0 decays to gauginos at p colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 155, 278-283.	4.1	40
83	Supersymmetry studies at future lineare+eâ^'colliders. Physical Review D, 1996, 54, 6735-6755.	4.7	40
84	Collider and dark matter phenomenology of models with mirage unification. Journal of High Energy Physics, 2007, 2007, 033-033.	4.7	39
85	Revisiting the SUSY <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î¼</mml:mi></mml:math> problem and its solutions in the LHC era. Physical Review D, 2019, 99, .	4.7	38
86	Status of weak scale supersymmetry after LHC Run 2 and ton-scale noble liquid WIMP searches. European Physical Journal: Special Topics, 2020, 229, 3085-3141.	2.6	38
87	Dark radiation constraints on mixed Axion/Neutralino dark matter. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 041-041.	5.4	37
88	Calculable sparticle masses with radiatively driven inverted mass hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 289-294.	4.1	35
89	Collider and dark matter searches in models with mixed modulus-anomaly mediated SUSY breaking. Journal of High Energy Physics, 2006, 2006, 041-041.	4.7	34
90	Testing Yukawa-unified SUSY during year 1 of LHC: the role of multiple b-jets, dileptons and missing E T. Journal of High Energy Physics, 2010, 2010, 1.	4.7	34

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91	Discovery potential for supersymmetry at a high luminosity upgrade of LHC14. Physical Review D, 2012, 86, .	4.7	34
92	Detecting Higgs boson decays to neutralinos at hadron supercolliders. Physical Review D, 1994, 50, 316-324.	4.7	33
93	Reach of the Fermilab Tevatron for minimal supergravity in the region of large scalar masses. Journal of High Energy Physics, 2003, 2003, 020-020.	4.7	33
94	Mainly axion cold dark matter in the minimal supergravity model. Journal of High Energy Physics, 2009, 2009, 080-080.	4.7	33
95	Aspects of supersymmetric models with a radiatively driven inverted mass hierarchy. Physical Review D, 2001, 64, .	4.7	32
96	Two Photon Background and the Reach of a Linear Collider for Supersymmetry in WMAP Favoured Coannihilation Regions. Journal of High Energy Physics, 2004, 2004, 061-061.	4.7	32
97	Neutralino versus axion/axino cold dark matter in the 19 parameter SUGRA model. Journal of High Energy Physics, 2010, 2010, 1.	4.7	30
98	Natural SUSY with a bino- or wino-like LSP. Physical Review D, 2015, 91, .	4.7	30
99	Mixed Higgsino Dark Matter from a reduced SU(3) gaugino mass: consequences for dark matter and collider searches. Journal of High Energy Physics, 2006, 2006, 041-041.	4.7	29
100	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="italic">SO</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>10</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (stretchy="false">)</mml and axino dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 5-9.	4.1	29
101	Measuring modular weights in mirage unification models at the LHC and ILC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 641, 447-451.	4.1	28
102	A heavier gluino from tâ€“bâ€“Ï„ Yukawa-unified SUSY. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 250-254.	4.1	28
103	Is natural higgsino-only dark matter excluded?. European Physical Journal C, 2018, 78, 1.	3.9	28
104	Reach of Fermilab Tevatron upgrades in gauge-mediated supersymmetry breaking models. Physical Review D, 1999, 60, .	4.7	27
105	Reach of the CERN Large Hadron Collider for gauge-mediated supersymmetry breaking models. Physical Review D, 2000, 62, .	4.7	27
106	Thermal leptogenesis and the gravitino problem in the Asaka-Yanagida axion/axino dark matter scenario. Journal of Cosmology and Astroparticle Physics, 2011, 2011, 039-039.	5.4	27
107	Natural generalized mirage mediation. Physical Review D, 2016, 94, .	4.7	27
108	The Higgs mass and natural supersymmetric spectrum from the landscape. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 758, 113-117.	4.1	27

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109	LHC luminosity and energy upgrades confront natural supersymmetry models. Physical Review D, 2018, 98, .	4.7	27
110	Implications of the t-quark signal for stop squarks and charged Higgs bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 167, 241-247.	4.1	26
111	Radiative Neutralino Decay in Supersymmetric Models. Journal of High Energy Physics, 2002, 2002, 038-038.	4.7	26
112	Neutralino, axion and axino cold dark matter in minimal, hypercharged and gaugino AMSB. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 014-014.	5.4	26
113	Gluino reach and mass extraction at the LHC in radiatively-driven natural SUSY. European Physical Journal C, 2017, 77, 1.	3.9	26
114	Higgs and superparticle mass predictions from the landscape. Journal of High Energy Physics, 2018, 2018, 1.	4.7	26
115	Indirect, direct and collider detection of neutralino dark matter in the minimal supergravity model. Journal of Cosmology and Astroparticle Physics, 2004, 2004, 005-005.	5.4	24
116	Effective supersymmetry at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	4.7	24
117	Sparticle mass spectra from SU(5) SUSY GUT models with b â^' Ï„ Yukawa coupling unification. Journal of High Energy Physics, 2012, 2012, 1.	4.7	24
118	Supergravity gauge theories strike back: there is no crisis for SUSY but a new collider may be required for discovery. Physica Scripta, 2015, 90, 068003.	2.5	24
119	Prospects for Yukawa unified SO(10) SUSY GUTs at the CERN LHC. Journal of High Energy Physics, 2008, 2008, 079-079.	4.7	23
120	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>W</mml:mi><mml:mi>h</mml:mi></mml:math>plus missing-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>E</mml:mi><mml:mi>T</mml:mi></mml:msub></mml:math>signature from gaugino pair production at the LHC. Physical Review D, 2012, 85, .	4.7	23
121	Viable supersymmetric models with an inverted scalar mass hierarchy at the grand unified theory scale. Physical Review D, 2000, 63, .	4.7	22
122	Mixed higgsino dark matter from a large SU(2) gaugino mass. Journal of High Energy Physics, 2007, 2007, 088-088.	4.7	22
123	Collider, direct and indirect detection of supersymmetric dark matter. New Journal of Physics, 2009, 11, 105024.	2.9	22
124	Gaugino anomaly mediated SUSY breaking: phenomenology and prospects for the LHC. Journal of High Energy Physics, 2010, 2010, 1.	4.7	22
125	Natural little hierarchy for SUSY from radiative breaking of the Peccei-Quinn symmetry. Physical Review D, 2015, 91, .	4.7	22
126	Phenomenological profile of top squarks from natural supersymmetry at the LHC. Physical Review D, 2017, 95, .	4.7	22

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127	Some necessary conditions for allowing the PQ scale as high as M GUT in SUSY models with an axino or neutralino LSP. Journal of High Energy Physics, 2011, 2011, 1.	4.7	21
128	Multichannel assault on natural supersymmetry at the high luminosity LHC. Physical Review D, 2016, 94, .	4.7	21
129	Reach of the high-energy LHC for gluinos and top squarks in SUSY models with light Higgsinos. Physical Review D, 2017, 96, .	4.7	21
130	Naturalness versus stringy naturalness with implications for collider and dark matter searches. Physical Review Research, 2019, 1, .	3.6	21
131	Prospects for Higgs coupling measurements in SUSY with radiatively-driven naturalness. Physical Review D, 2015, 92, .	4.7	20
132	Supersymmetry with Radiatively-Driven Naturalness: Implications for WIMP and Axion Searches. Symmetry, 2015, 7, 788-814.	2.2	20
133	Prospects for axion detection in natural SUSY with mixed axion-higgsino dark matter: back to invisible?. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 024-024.	5.4	20
134	Landscape solution to the SUSY flavor and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:mrow></mml:ma problems. Physical Review Research, 2019, 1, .	3.6	20
135	Fine-tuning favors mixed axion/axino cold dark matter overÂneutralinos in the minimal supergravity model. European Physical Journal C, 2010, 68, 523-537.	3.9	18
136	Gravity safe, electroweak natural axionic solution to strong CP and SUSY Î¼ problems. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 58-63.	4.1	18
137	Reach of the Fermilab Tevatron and CERN LHC for gaugino mediated SUSY breaking models. Physical Review D, 2002, 65, .	4.7	17
138	Post-LHC8 supersymmetry benchmark points for ILC physics. Physical Review D, 2013, 88, .	4.7	17
139	Naturalness implies intra-generational degeneracy for decoupled squarks and sleptons. Physical Review D, 2014, 89, .	4.7	17
140	Z0+jets+pTevents as a signal for supersymmetry at the Fermilab Tevatron collider. Physical Review D, 1990, 42, 1450-1454.	4.7	16
141	Anomaly-mediated SUSY breaking model retrofitted for naturalness. Physical Review D, 2018, 98, .	4.7	16
142	Early SUSY discovery at LHC via sparticle cascade decays to same-sign and multimuon states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 49-53.	4.1	15
143	What hadron collider is required to discover or falsify natural supersymmetry?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 451-455.	4.1	15
144	Probing slepton mass nonuniversality ate+eâ^'linear colliders. Physical Review D, 2001, 63, .	4.7	14

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145	Can precision measurements of slepton masses probe right handed neutrinos?. Physical Review D, 2001, 63, .	4.7	14
146	Superparticle phenomenology from the natural mini-landscape. Journal of High Energy Physics, 2017, 2017, 1.	4.7	14
147	GLUINO DECAYS TO W AND Z BOSONS AT THE SSC. International Journal of Modern Physics A, 1987, 02, 1131-1144.	1.5	13
148	Implications of a high mass light MSSM Higgs scalar for supersymmetry searches at the LHC. Physical Review D, 2011, 84, .	4.7	13
149	Leptogenesis scenarios for natural SUSY with mixed axion-higgsino dark matter. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 012-012.	5.4	13
150	Aspects of the same-sign diboson signature from wino pair production with light higgsinos at the high luminosity LHC. Physical Review D, 2018, 97, .	4.7	13
151	Reconciling thermal leptogenesis with the gravitino problem in SUSY models with mixed axion/axino dark matter. Journal of Cosmology and Astroparticle Physics, 2010, 2010, 040-040.	5.4	12
152	Yukawa-unified natural supersymmetry. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12
153	WZ plus missing-E T signal from gaugino pair production at LHC7. Journal of High Energy Physics, 2012, 2012, 1.	4.7	12
154	Mixed axion/gravitino dark matter from SUSY models with heavy axinos. Physical Review D, 2015, 91, .	4.7	12
155	LHC SUSY and WIMP dark matter searches confront the string theory landscape. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
156	String landscape guide to soft SUSY breaking terms. Physical Review D, 2020, 102, .	4.7	12
157	The LHC higgsino discovery plane for present and future SUSY searches. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135777.	4.1	12
158	Implications of naturalness for the heavy Higgs bosons of supersymmetry. Physical Review D, 2014, 90, .	4.7	11
159	ILC as a natural SUSY discovery machine and precision microscope: From light Higgsinos to tests of unification. Physical Review D, 2020, 101, .	4.7	11
160	Distinguishing LSP archetypes via gluino pair production at LHC13. Physical Review D, 2015, 92, .	4.7	10
161	The cosmological moduli problem and naturalness. Journal of High Energy Physics, 2022, 2022, 1.	4.7	10
162	Comparison of SUSY spectra generators for natural SUSY and string landscape predictions. European Physical Journal C, 2022, 82, 1.	3.9	9

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163	Simultaneous search for two Higgs bosons of minimal supersymmetry at the CERN LHC. Physical Review D, 1996, 54, 6728-6734.	4.7	8
164	Prospects for hypercharged anomaly mediated SUSY breaking at the LHC. Journal of High Energy Physics, 2009, 2009, 078-078.	4.7	8
165	Mirage mediation from the landscape. Physical Review Research, 2020, 2, .	3.6	8
166	Sneutrino mass measurements ate+eâ¯linear colliders. Physical Review D, 2001, 64, .	4.7	7
167	Electroweak versus high-scale fine tuning in the 19-parameter supergravity model. Physical Review D, 2013, 88, .	4.7	7
168	Radiative natural supersymmetry emergent from the string landscape. Journal of High Energy Physics, 2022, 2022, 1.	4.7	7
169	New angular and other cuts to improve the Higgsino signal at the LHC. Physical Review D, 2022, 105, .	4.7	7
170	Supersymmetric backgrounds to standard model calibration processes at the CERN LHC. Physical Review D, 2008, 78, .	4.7	6
171	Beyond the Higgs boson at the Tevatron: Detecting gluinos from Yukawa-unified SUSY. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 72-78.	4.1	6
172	Landscape Higgs boson and sparticle mass predictions from a logarithmic soft term distribution. Physical Review D, 2021, 103, .	4.7	6
173	LHC discovery potential for supersymmetry with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msqrt><mml:mi>s</mml:mi></mml:msqrt><mml:mo>=</mml:mo><mml:mn>7</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mi>TeV</mml:mi></mml:math> and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>5</mml:mn><mml:mo>â€“</mml:mo><mml:mn>30</mml:mn><mml:mtext>â€‰</mml:mtext><mml:mi>fb</mml:mi><mml:mtext></mml:mtext><mml:mi>Physical Review D, 2012, 85, .	4.7	5
174	Generalized focus point and mass spectra comparison of highly natural SUGRA GUT models. Physical Review D, 2016, 93, .	4.7	5
175	Affleck-Dine leptogenesis with varying Peccei-Quinn scale. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5
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