

Search for additional heavy neutral Higgs and gauge bosons produced in 36 fb⁻¹ of pp collisions at $\sqrt{s} = 13$ TeV

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Dark matter, extra-terrestrial gamma-rays and the MSSM: a viability study. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 045-045.	1.9	1
2	Search for high-mass resonances decaying to \tilde{l}_ν in pp collisions at $\sqrt{s}=13$ TeV. Journal of Instrumentation, 2018, 13, P10005-P10005.	2.9	50
3	Search strategies for pair production of heavy Higgs bosons decaying invisibly at the LHC. Nuclear Physics B, 2018, 929, 171-192.	0.9	7
4	Signal mixture estimation for degenerate heavy Higgses using a deep neural network. European Physical Journal C, 2018, 78, 1.	1.4	2
5	Muon $g-2$ and dark matter in the minimal supersymmetric standard model. Physical Review D, 2018, 98, .	1.6	39
6	Cosmologically viable low-energy supersymmetry breaking. Physical Review D, 2018, 98, .	1.6	11
7	Lepton-specific universal seesaw model with left-right symmetry. Physical Review D, 2018, 98, .	1.6	10
8	Flavorful two-Higgs-doublet models with a twist. Physical Review D, 2018, 98, .	1.6	11
9	HZ associated production with decay in the Alternative Left-Right Model at CEPC and future linear colliders. Chinese Physics C, 2018, 42, 093107.	1.5	2
10	Supersymmetry and LHC missing energy signals. Physical Review D, 2018, 98, .	1.6	20
11	Light scalar dark matter extension of the type-II two-Higgs-doublet model. Physical Review D, 2018, 98, .	1.6	11
12	Search for Resonant and Nonresonant Higgs Boson Pair Production in the $b\bar{b}$ Decay Channel in pp Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2018, 121, 191801.	2.9	70
13	Naturalness, the hyperbolic branch, and prospects for the observation of charged Higgs bosons at high luminosity LHC and 27 TeV LHC. Physical Review D, 2018, 98, .	1.6	15
14	Confronting the fourth generation two-Higgs-doublet model with the phenomenology of heavy Higgs bosons. Physical Review D, 2018, 98, .	1.6	6
15	Muon $g-2$ and rare top decays in up-type specific variant axion models. Physical Review D, 2018, 98, .	1.6	8
16	Performance of reconstruction and identification of \tilde{l}_ν leptons decaying to hadrons and ν in pp collisions at $\sqrt{s}=13$ TeV. Journal of Instrumentation, 2018, 13, P10005-P10005.	0.5	69
17	Discovery potential of the NMSSM CP-odd Higgs at the LHC. Results in Physics, 2018, 10, 799-804.	2.0	6
18	Reappraisal of constraints on $Z\tau\tau$ models from unitarity and direct searches at the LHC. Physical Review D, 2018, 98, .	1.6	15

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19	Constraints from Heavy Higgs Boson Masses in the two Higgs Doublet Model. Journal of the Korean Physical Society, 2018, 73, 289-296.	0.3	0
20	Signal to background interference in $pp \rightarrow t \bar{t} \rightarrow W^+ W^- b \bar{b}$ at the LHC Run II. Physical Review D, 2018, 97, .	1.6	5
21	Quantum interference among heavy NMSSM Higgs bosons. Physical Review D, 2018, 98, .	1.6	2
22	Chromomagnetic and chromoelectric dipole moments of the top quark in the fourth-generation THDM. Physical Review D, 2018, 98, .	1.6	6
23	Scalar leptoquarks from grand unified theories to accommodate the B -physics anomalies. Physical Review D, 2018, 98, .	1.6	140
24	p and the wrong-sign limit of the two Higgs doublet model. Physical Review D, 2018, 97, .	1.6	19
25	Wrong sign bottom Yukawa coupling in low energy supersymmetry. Physical Review D, 2018, 97, .	1.6	13
26	Pair production of Higgs boson in NMSSM at the LHC with the next-to-lightest CP-even Higgs boson being SM-like. Chinese Physics C, 2018, 42, 073103.	1.5	9
27	B Meson Anomalies in a Pati-Salam Model within the Randall-Sundrum Background. Physical Review Letters, 2018, 121, 011801.	2.9	217
28	Mixed hidden sector-visible sector dark matter and observation of a CP odd Higgs boson at HL-LHC and HE-LHC. Physical Review D, 2019, 100, .	1.6	7
29	Natural stabilization of the Higgs boson's mass and alignment. Physical Review D, 2019, 99, .	1.6	14
30	Decay $Z \rightarrow (h, H, A)$ in the minimal supersymmetric standard model. Physical Review D, 2019, 99, .	1.6	0
31	motivated S production: Benchmarks for the LHC and HL-LHC. Physical Review D, 2019, 99, .	1.6	51
32	production: Benchmarks for the LHC and HL-LHC. Physical Review D, 2019, 99, .	1.6	27
33	Some phenomenological aspects of the 3-3-1 model with the Arca-Kovalenko-Schmidt mechanism. Physical Review D, 2019, 100, .	1.6	8
34	Neutral Higgs boson decays $H \rightarrow Z \gamma \gamma$ in 3-3-1 models. Physical Review D, 2019, 100, .	1.6	16
35	Scherk-Schwarz orbifolds at the LHC. Physical Review D, 2019, 100, .	1.6	1
36	A 3-3-1 model with low scale seesaw mechanisms. European Physical Journal C, 2019, 79, 1.	1.4	22

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37	Study of semileptonic decays $B \rightarrow \ell \nu$ and $B \rightarrow \ell \nu \ell$ in nonuniversal $Z \nu \nu$ model. Physical Review D, 2019, 99, . 1.6		9
38	Searches for supersymmetry at the Large Hadron Collider. Reviews in Physics, 2019, 4, 100033.	4.4	35
39	Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2019, 79, 421.	1.4	355
40	Extended gauge mediation in the NMSSM with displaced LHC signals. European Physical Journal C, 2019, 79, 1.	1.4	2
41	Electric dipole moment of 1S_0 atom from 1S_0 atom. Physical Review D, 2019, 99, . 1.6	1.6	24
43	Global fits in the Georgi-Machacek model. Physical Review D, 2019, 99, . 1.6	1.6	26
44	Can Square Kilometre Array phase 1 go much beyond the LHC in supersymmetry search?. Physical Review D, 2019, 99, . 1.6	1.6	14
45	Dark matter and collider signals in supersymmetric $U(1) \times U(1)$ models. Physical Review D, 2019, 99, . 1.6	1.6	6
46	Classification of anomaly-free 2HDMs with a gauged $U(1) \times U(1)$ symmetry. Physical Review D, 2019, 99, . 1.6	1.6	17
47	Fermion masses and mixings and some phenomenological aspects of a 3-3-1 model with linear seesaw mechanism. Physical Review D, 2019, 100, . 1.6	1.6	17
48	Light Scalars in Composite Higgs Models. Frontiers in Physics, 2019, 7, . 1.0	1.0	46
49	Dark Matter through the Higgs portal. Physics Reports, 2020, 842, 1-180.	10.3	142
50	Electron and muon $g-2$ anomalies in general flavor conserving two-Higgs-doublet models. Physical Review D, 2020, 102, . 1.6	1.6	46
51	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using 1S_0 Collisions in the ATLAS Detector. Physical Review Letters, 2020, 125, 131801.	2.9	67
52	Future lepton collider prospects for a ubiquitous composite pseudoscalar. Physical Review D, 2020, 102, . 1.6	1.6	6
53	Dynamical Higgs field alignment in the NMSSM. Physical Review D, 2020, 101, . 1.6	1.6	5
54	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using 1S_0 Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2020, 125, 131801.	2.9	97
55	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using 1S_0 Collisions at $\sqrt{s}=13$ TeV. Physical Review Letters, 2020, 125, 131801.	1.6	43

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74	Searching for heavy neutrino in terms of tau lepton at future hadron collider. Physical Review D, 2021, 104, .	1.6	5
75	Fermionic decays of NMSSM Higgs bosons under LHC 13 TeV constraints. Results in Physics, 2021, 27, 104464.	2.0	1
76	$\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mo stretchy="false" \rangle \langle mml:mi \rangle g \langle mml:mi \rangle \langle mml:mo \rangle \hat{a} \langle mml:mo \rangle \langle mml:mn \rangle 2 \langle mml:mn \rangle \langle mml:msub \rangle \langle mml:mo \rangle T_j ETQq0 0$ beyond: An updated view. Physical Review D, 2021, 104, .	1.6	18
77	Prospects for observing an additional NMSSM Higgs boson produced in association with a single bottom quark at the LHC. Results in Physics, 2021, 29, 104711.	2.0	0
78	HiggsBounds-5: testing Higgs sectors in the LHC 13 TeV Era. European Physical Journal C, 2020, 80, 1.	1.4	138
79	Extended Scalar Sectors. Annual Review of Nuclear and Particle Science, 2020, 70, 197-223.	3.5	6
80	LHC searches motivated by recent $B\bar{B}$ -anomalies. , 2019, , .		2
81	Searches for additional Higgs bosons decaying to tau leptons at the LHC. , 2019, , .		1
82	Ultraviolet Complete Leptoquark Scenario Addressing the B Physics Anomalies. Springer Proceedings in Physics, 2019, , 425-430.	0.1	1
83	Confronting Scherk-Schwartz orbifold models with LHC data. , 2019, , .		0
84	An extended 3-3-1 model with two scalar triplets and linear seesaw mechanism. European Physical Journal Plus, 2021, 136, 1.	1.2	6
85	Weak scale as a trigger. Physical Review D, 2021, 104, .	1.6	23
86	Investigating the Z' gauge boson at future lepton colliders *. Chinese Physics C, 2022, 46, 053106.	1.5	1
87	Muon $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mi \rangle g \langle mml:mi \rangle \langle mml:mo \rangle \hat{a} \langle mml:mo \rangle \langle mml:mn \rangle 2 \langle mml:mn \rangle \langle mml:math \rangle$ and semileptonic $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mi \rangle B \langle mml:mi \rangle \langle mml:math \rangle$ decays in the BÄlanger-Delaunay-Westhoff model with gauge kinetic mixing. Physical Review D, 2021, 104, .	1.6	4
88	Testing the $R_{D^{(*)}}$ anomaly at the LHeC. European Physical Journal C, 2021, 81, 1.	1.4	0
90	Toward deconstructing the simplest seesaw mechanism. Physical Review D, 2022, 105, .	1.6	18
91	Next-to-soft-virtual resummed prediction for pseudoscalar Higgs boson production at $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" \rangle \langle mml:mi \rangle NNLO \langle mml:mi \rangle \langle mml:mo \rangle + \langle mml:mo \rangle \langle mml:mover accent="true" \rangle \langle mml:mi \rangle NNLL \langle mml:mi \rangle \langle mml:mo \rangle \langle mml:mover stretchy="true" \rangle \hat{\Lambda} \langle mml:mo \rangle \langle mml:mover \rangle \langle mml:math \rangle$. Physical Review D, 2022, 105, .	1.6	5
92	Constraining scalar doublet and triplet leptoquarks with vacuum stability and perturbativity. European Physical Journal C, 2022, 82, .	1.4	12

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93	Two-Higgs-doublet models in light of current experiments: a brief review. Communications in Theoretical Physics, 2022, 74, 097202.	1.1	13
94	Yukawa alignment revisited in the Higgs basis. Physical Review D, 2022, 106, .	1.6	1
95	LHC Bounds on $D^{(*)}$ Motivated Leptoquark Models. Springer Proceedings in Physics, 2022, , 103-106.	0.1	0
96	Higgs boson properties and supersymmetry: Constraints and sensitivity from the LHC to an e^+e^- collider. Physical Review D, 2022, 106, .	1.6	2
97	Updated constraints on the Georgi-Machacek model and its electroweak phase transition and associated gravitational waves. Physical Review D, 2022, 106, .	1.6	4
98	Constraints on exotic particle masses from flavor violating charged lepton decays and the role of interference. Physical Review D, 2022, 106, .	1.6	1
99	Muon $g-2$ and a type-X two-Higgs-doublet scenario: Some studies in high-scale validity. Physical Review D, 2022, 106, .	1.6	9
100	Light dark matter around 100 GeV from the inert doublet model. European Physical Journal C, 2022, 82, .	1.4	0
101	Study of $B_{(s)} \rightarrow K_{(s)}^* \ell^+ \ell^-$ decays in non-universal Z^{\prime} models and in a model-independent way. European Physical Journal Plus, 2022, 137, .	1.2	1
102	Scrutinizing the 95–100 GeV di-tau excess in the top associated process. European Physical Journal C, 2022, 82, .	1.4	11
103	Phenomenological analyses with nonholomorphic soft supersymmetry breaking interactions. Indian Journal of Physics, 0, , .	0.9	0
105	Synergy Between Direct Searches at the LHC and Precision Tests at Future Lepton Colliders. Springer Theses, 2023, , 53-100.	0.0	0
108	Uncovering tau leptons-enriched semi-visible jets at the LHC. European Physical Journal C, 2023, 83, .	1.4	1