

Theory and phenomenology of two-Higgs-doublet mod

Physics Reports

516, 1-102

DOI: [10.1016/j.physrep.2012.02.002](https://doi.org/10.1016/j.physrep.2012.02.002)

Citation Report

#	ARTICLE	IF	CITATIONS
1	DARK MATTER CANDIDATE IN A HEAVY HIGGS MODEL: DIRECT DETECTION RATES. Modern Physics Letters A, 2008, 23, 2011-2022.	0.5	57
2	THE GEOMETRIC PICTURE OF GENERALIZED-CP AND HIGGS-FAMILY TRANSFORMATIONS IN THE TWO-HIGGS-DOUBLET MODEL. International Journal of Modern Physics A, 2011, 26, 769-808.	0.5	50
3	Type 1 2HDM as Effective Theory of Supersymmetry. Communications in Theoretical Physics, 2012, 58, 405-409.	1.1	0
4	Masses of a fourth generation with two Higgs doublets. Physical Review D, 2012, 86, .	1.6	15
5	Probing the scalar-pseudoscalar mixing in the 125 GeV Higgs particle with current data. Physical Review D, 2012, 86, .	1.6	39
6	Modified Higgs branching ratios versus C_P and lepton flavor violation. Physical Review D, 2012, 86, .	1.6	62
7	Minimal flavor violating two-Higgs-doublet model at the LHC. Physical Review D, 2012, 86, .	1.6	50
8	Radiative corrections to scalar masses and mixing in a scale invariant two Higgs doublet model. Physical Review D, 2012, 86, .	1.6	32
9	Implications of Lepton Flavor Universality Violations in B Decays. Physical Review Letters, 2012, 109, 161801.	2.9	245
10	Constraints on new scalars from the LHC 125 GeV Higgs signal. Physical Review D, 2012, 86, .	1.6	30
11	Discrete symmetries in the three-Higgs-doublet model. Physical Review D, 2012, 86, .	1.6	37
12	Conformally invariant Inert Higgs doublet model: an unified model for Inflation and Dark matter. Journal of Physics: Conference Series, 2012, 405, 012010.	0.3	1
13	Z_p scalar dark matter from multi-Higgs-doublet models. Physical Review D, 2012, 86, .	1.6	26
14	Effective Lagrangian approach to neutrinoless double beta decay and neutrino masses. Journal of High Energy Physics, 2012, 2012, 1.	1.6	60
15	Running of radiative neutrino masses: the scotogenic model. Journal of High Energy Physics, 2012, 2012, 1.	1.6	58
16	Cold electroweak baryogenesis in the two Higgs-doublet model. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
17	The Higgs as a probe of supersymmetric extra sectors. Journal of High Energy Physics, 2012, 2012, 1.	1.6	12
18	Exclusive radiative B-meson decays within the aligned two-Higgs-doublet model. Journal of High Energy Physics, 2012, 2012, 1.	1.6	41

#	ARTICLE	IF	CITATIONS
19	Singlet neighbors of the Higgs boson. Journal of High Energy Physics, 2012, 2012, 1.	1.6	52
20	Charged Higgs bosons in single top production at the LHC. Journal of High Energy Physics, 2012, 2012, 1.	1.6	12
21	Exclusive signals of an extended Higgs sector. Journal of High Energy Physics, 2012, 2012, 1.	1.6	68
22	Scalar septuplet dark matter and enhanced $h \rightarrow \tau^+ \tau^-$ decay rate. Journal of High Energy Physics, 2012, 2012, 1.	1.6	22
23	Minimizing Higgs potentials via numerical polynomial homotopy continuation. European Physical Journal Plus, 2012, 127, 1.	1.2	35
24	problem of two Higgs doublet models with an extra $U(1)$ symmetry for Higgs flavor. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 396-402.		
25	Inert dark matter and strong electroweak phase transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 717, 396-402.	1.5	109
26	Status of the inert doublet model and the role of multileptons at the LHC. Physical Review D, 2012, 86, .	1.6	110
27	Enhancement of $H \rightarrow \tau^+ \tau^-$ from doubly charged scalars in the Higgs triplet model. Physical Review D, 2012, 86, .	1.6	30
28	Implications of Higgs boson search data on the two-Higgs doublet models with a softly broken Z_2 symmetry. Journal of High Energy Physics, 2013, 2013, 1.	1.6	68
29	LHC constraints on two-Higgs doublet models. Journal of High Energy Physics, 2013, 2013, 1.	1.6	122
30	Off-diagonal terms in Yukawa textures of the Type-III 2-Higgs doublet model and light charged Higgs boson phenomenology. Journal of High Energy Physics, 2013, 2013, 1.	1.6	31
31	Carving out parameter space in type-II two Higgs doublets model. Journal of High Energy Physics, 2013, 2013, 1.	1.6	70
32	Observation of a new boson with mass near 125 GeV in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	320
33	Metastability bounds on the two Higgs doublet model. Journal of High Energy Physics, 2013, 2013, 1.	1.6	123
34	Higgs boson self-coupling measurements using ratios of cross sections. Journal of High Energy Physics, 2013, 2013, 1.	1.6	118
35	On composite two Higgs doublet models. Journal of High Energy Physics, 2013, 2013, 1.	1.6	33
36	Comprehensive study of two Higgs doublet models in light of the new boson with mass around 125 GeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	47

#	ARTICLE	IF	CITATIONS
37	Two-Higgs-doublet models and enhanced rates for a 125 GeV Higgs. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
38	What if $\frac{\text{BR}(\mu\mu)}{\text{BR}(\mu\text{e})} \approx \frac{m_\mu^2}{m_e^2}$?. Journal of High Energy Physics, 2013, 2013, 1.	1.6	32
39	Unitarity and vacuum stability constraints on the couplings of color octet scalars. Journal of High Energy Physics, 2013, 2013, 1.	1.6	26
40	SUSY faces its Higgs couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	30
41	CP and discrete flavour symmetries. Journal of High Energy Physics, 2013, 2013, 1.	1.6	167
42	Fitting the Higgs to natural SUSY. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
43	Higgs couplings at the end of 2012. Journal of High Energy Physics, 2013, 2013, 1.	1.6	67
44	Multi-lepton signals of multiple Higgs bosons. Journal of High Energy Physics, 2013, 2013, 1.	1.6	26
45	Flavor-phenomenology of two-Higgs-doublet models with generic Yukawa structure. Physical Review D, 2013, 87, .	1.6	194
46	A4flavor symmetry model for Dirac neutrinos and sizable θ_{13} . Physical Review D, 2013, 87, .	1.6	48
47	Search for a standard-model-like Higgs boson with a mass in the range 145 to 1000 GeV at the LHC. European Physical Journal C, 2013, 73, 2469.	1.4	68
48	Top quark and neutrino composite Higgs bosons. European Physical Journal C, 2013, 73, 1.	1.4	12
49	Polarization effects in the Higgs boson decay to $\tau^+\tau^-Z$ and test of CP and CPT symmetries. Physical Review D, 2013, 88, .	1.6	18
50	Evading death by vacuum. European Physical Journal C, 2013, 73, 1.	1.4	33
51	Forward-backward asymmetries of fourth family fermions through the $Z \rightarrow \mu^+\mu^-$ models at linear colliders. Physical Review D, 2013, 87, .	1.6	1
52	Yukawa independent constraints for two-Higgs-doublet models with a 125 GeV Higgs boson. Physical Review D, 2013, 88, .	1.6	27
53	Dynamical symmetry breaking, CP violation, and a Higgs-like particle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 290-293.	1.5	2
54	Yukawa sector of multi-Higgs-doublet models in the presence of Abelian symmetries. Physical Review D, 2013, 88, .	1.6	22

#	ARTICLE	IF	CITATIONS
55	Implications of LHC data on 125 GeV Higgs-like boson for the Standard Model and its various extensions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	49
56	T 7 flavor model in three loop seesaw and Higgs phenomenology. Journal of High Energy Physics, 2013, 2013, 1.	1.6	42
57	Measuring extended Higgs sectors as a consistent free couplings model. Journal of High Energy Physics, 2013, 2013, 1.	1.6	69
58	Scalar sector properties of two-Higgs-doublet models with a global U(1) symmetry. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
59	The MSSM Higgs sector at a high MSUSY: reopening the low $\tan \hat{\beta}$ regime and heavy Higgs searches. Journal of High Energy Physics, 2013, 2013, 1.	1.6	69
60	Dark matter in the inert doublet model after the discovery of a Higgs-like boson at the LHC. Journal of High Energy Physics, 2013, 2013, 1.	1.6	185
61	A tale of two Higgs. Journal of High Energy Physics, 2013, 2013, 1.	1.6	3
62	Constraining parameter space in type-II two-Higgs doublet model in light of a 126 GeV Higgs boson. Journal of High Energy Physics, 2013, 2013, 1.	1.6	37
63	Five models for lepton mixing. Journal of High Energy Physics, 2013, 2013, 1.	1.6	3
64	New ways to TeV scale leptogenesis. Journal of High Energy Physics, 2013, 2013, 1.	1.6	18
65	Higgs properties in a softly broken Inert Doublet Model. Journal of High Energy Physics, 2013, 2013, 1.	1.6	8
66	Geometrical CP violation in the N-Higgs-doublet model. European Physical Journal C, 2013, 73, 1.	1.4	23
67	\hat{r} in the Two-Higgs-Doublet Model at full one loop level and beyond. European Physical Journal C, 2013, 73, 1.	1.4	24
68	Towards a general analysis of LHC data within two-Higgs-doublet models. Journal of High Energy Physics, 2013, 2013, 1.	1.6	72
69	Measuring the charged Higgs mass and distinguishing between models with top-quark observables. Journal of High Energy Physics, 2013, 2013, 1.	1.6	8
70	Constraining Higgs mediated dark matter interactions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	41
71	Vevacious: a tool for finding the global minima of one-loop effective potentials with many scalars. European Physical Journal C, 2013, 73, 1.	1.4	111
72	Baryogenesis through split Higgsogenesis. Journal of High Energy Physics, 2013, 2013, 1.	1.6	5

#	ARTICLE	IF	CITATIONS
73	Top quark anomalous tensor couplings in the two-Higgs-doublet models. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
74	On using cold baryogenesis to constrain the two-Higgs doublet model. Journal of High Energy Physics, 2013, 2013, 1.	1.6	10
75	Sensitivity to charged scalars in $B \rightarrow D^{(*)} \bar{K}^0$, and $B \rightarrow D^{(*)} \bar{K}^0$, decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	200
76	Natural SUSY predicts: Higgs couplings. Journal of High Energy Physics, 2013, 2013, 1.	1.6	51
77	A new model for lepton mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 767-772.	1.5	17
78	Quantum transport and electroweak baryogenesis. Physics-Uspexhi, 2013, 56, 747-771.	0.8	88
79	Invariants and flavour in the general Two Higgs Doublet Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 722, 76-82.	1.5	15
80	Nonstandard interactions of tau neutrino via charged Higgs and W contributions. Physical Review D, 2013, 87, .	1.6	9
81	Classification of finite reparametrization symmetry groups in the three-Higgs-doublet model. European Physical Journal C, 2013, 73, 1.	1.4	73
82	Abelian symmetries of the N-Higgs-doublet model with Yukawa interactions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	27
83	ANOMALOUS FERMION MASS GENERATION AT THREE LOOPS. Modern Physics Letters A, 2013, 28, 1350083.	0.5	6
84	$B \rightarrow D^{(*)} \bar{K}^0$, decays in two-Higgs-doublet models. Journal of Physics: Conference Series, 2013, 447, 012058.	0.3	16
85	Novel gamma-ray spectral features in the inert doublet model. Journal of Cosmology and Astroparticle Physics, 2013, 2013, 025-025.	1.9	39
86	The form factors of $\hat{A} \rightarrow K \hat{A} (\hat{A})$ and the predictions for CP violation beyond the standard model. Progress of Theoretical and Experimental Physics, 2013, 2013, 53B03-0.	1.8	6
87	Heavy Higgs searches and constraints on two Higgs doublet models. Physical Review D, 2013, 88, .	1.6	57
88	General two Higgs doublet model (2HDM-G) and Large Hadron Collider data. Physical Review D, 2013, 87, .	1.6	28
89	Fourth Generation Parity. Physical Review Letters, 2013, 110, 021802.	2.9	14
90	Mass-degenerate Higgs bosons at 125 GeV in the two-Higgs-doublet model. Physical Review D, 2013, 87, .	1.6	35

#	ARTICLE	IF	CITATIONS
91	Higgs boson decays to $\gamma\gamma$ and $Z\gamma$ in models with Higgs extensions. Physical Review D, 2013, 87, .	1.6	44
92	Top quark spin and Higgs interaction in charged Higgs boson and top quark associated production at LHC. Physical Review D, 2013, 87, .	1.6	10
93	Peccei-Quinn symmetry as the origin of Dirac neutrino masses. Physical Review D, 2013, 88, .	1.6	20
94	Low-mass dark-matter hint from CDMS II, Higgs boson at the LHC, and darkon models. Physical Review D, 2013, 88, .	1.6	32
95	Two-Higgs-doublet-portal dark-matter model: LHC data and Fermi-LAT 135 GeV line. Physical Review D, 2013, 88, .	1.6	23
96	Searching for charged Higgs boson in polarized top quark. Physical Review D, 2013, 87, .	1.6	10
97	Dark two Higgs doublet model. Physical Review D, 2013, 87, .	1.6	23
98	Higgs decay rate to two photons in a model with two fermiophobic-Higgs doublets. Physical Review D, 2013, 87, .	1.6	8
99	Exploring two Higgs doublet models through Higgs production. Physical Review D, 2013, 87, .	1.6	43
100	Triplet scalar dark matter and leptogenesis in an inverse seesaw model of neutrino mass generation. Physical Review D, 2013, 87, .	1.6	17
101	Higgs CP properties from early LHC data. Physical Review D, 2013, 87, .	1.6	28
102	Determination of $\tan\beta$ from the Higgs boson decay at linear colliders. Physical Review D, 2013, 88, .	1.6	8
103	Observation of CP violation in $D^0 \rightarrow K^+ K^- \pi^+$ as a smoking gun for new physics. Physical Review D, 2013, 87, .	1.6	12
104	Leptogenesis with lepton-number-violating Dirac neutrinos. Physical Review D, 2013, 88, .	1.6	23
105	Effective theory approach to new physics in $b \rightarrow s$ leptonic and semileptonic decays. Physical Review D, 2013, 88, .	1.6	46
106	Scrutinizing the 125 GeV Higgs boson in two Higgs doublet models at the LHC, ILC, and Muon Collider. Physical Review D, 2013, 88, .	1.6	35
107	On the terms violating the custodial symmetry in multi-Higgs-doublet models. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 065001.	1.4	1
108	CHIRAL EXTENSIONS OF THE MSSM. Modern Physics Letters A, 2013, 28, 1350025.	0.5	3

#	ARTICLE	IF	CITATIONS
109	GENERATION OF SCALE INVARIANT DENSITY PERTURBATIONS IN A CONFORMALLY INVARIANT INERT HIGGS DOUBLET MODEL. International Journal of Modern Physics A, 2013, 28, 1350094.	0.5	2
110	SCALARâ€PSEUDOSCALAR INTERACTIONS IN NEUTRINOâ€ELECTRON SCATTERING. International Journal of Modern Physics A, 2013, 28, 1350124.	0.5	2
111	Charged Higgs boson production in single top mode at the LHC. Journal of Physics: Conference Series, 2013, 447, 012057.	0.3	1
112	Avoiding Death by Vacuum. Journal of Physics: Conference Series, 2013, 447, 012051.	0.3	3
113	2HDM with Z2symmetry in light of new LHC data. Journal of Physics: Conference Series, 2013, 447, 012050.	0.3	21
114	Beyond the Standard Model Higgs Physics using the ATLAS Experiment. EPJ Web of Conferences, 2013, 60, 12015.	0.1	0
115	Search for a high mass Higgs boson using the ATLAS detector. EPJ Web of Conferences, 2014, 71, 00038.	0.1	2
116	Beyond-the-Standard Model Higgs Physics using the ATLAS Experiment. EPJ Web of Conferences, 2014, 71, 00067.	0.1	0
117	Search for neutral Higgs bosons of the minimal supersymmetric standard model in pp collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2014, 2014, 1.	1.6	82
118	$W \rightarrow h H$ decay in $G(221)$ models. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 075001.	1.4	6
119	Determination of charged Higgs couplings at the LHC. Modern Physics Letters A, 2014, 29, 1430013.	0.5	6
120	Echoes of the Electroweak Phase Transition: Discovering a Second Higgs Doublet through $A \rightarrow H \gamma$ and $A \rightarrow H Z$. Physical Review D, 2014, 90, 015009.	2.9	92
121	One-loop decays $A \rightarrow H Z$ and $A \rightarrow H \gamma$ in the 2HDM and its search at the LHC. Physical Review D, 2014, 90, .	1.6	7
122	Searches for heavy Higgs bosons in two-Higgs-doublet models and $h \rightarrow \gamma \gamma$ decay using multilepton and diphoton final states in pp collisions at 8 TeV. Physical Review D, 2014, 90, .	1.6	51
123	Lightness of Higgs boson and spontaneous C or P violation in the Lee model. Physical Review D, 2014, 90, .	1.6	14
124	Neutral and charged Higgs production in channels with Higgs bosons in W boson collisions at 8 TeV. Physical Review D, 2014, 90, .	1.6	69
125	Two-Higgs doublet models confront the naturalness problem. Physical Review D, 2014, 90, .	1.6	13
126	Novel constraint on the parameter space of the Georgi-Machacek model with current LHC data. Physical Review D, 2014, 90, .	1.6	45

#	ARTICLE	IF	CITATIONS
127	Angular distribution and forward–backward asymmetry of the Higgs-boson decay to photon and lepton pair. European Physical Journal C, 2014, 74, 1.	1.4	16
128	Low-mass fermiophobic charged Higgs phenomenology in two-Higgs-doublet models. Journal of High Energy Physics, 2014, 2014, 1.	1.6	19
129	Electron/muon specific two Higgs doublet model. Nuclear Physics B, 2014, 887, 358-370.	0.9	39
130	Perturbative analysis of the electron electric dipole moment and CP violation in two-Higgs-doublet models. Physical Review D, 2014, 89, .	1.6	13
131	Feasibility of light scalars in a class of two-Higgs-doublet models and their decay signatures. Physical Review D, 2014, 89, .	1.6	25
132	Revisiting neutrino masses from Planck scale operators. Physical Review D, 2014, 89, .	1.6	1
133	Discovering charged Higgs bosons in the W plus dark vector boson decay mode. Physical Review D, 2014, 89, .	1.6	8
134	Distinguishing the right-handed up/charm quarks from the top quark via discrete symmetries in standard model extensions. Physical Review D, 2014, 90, .	1.6	1
135	Next-to-minimal two Higgs doublet model. Physical Review D, 2014, 89, .	1.6	38
136	Trilinear self-couplings in an $S(3)$ flavored Higgs model. Physical Review D, 2014, 90, .	1.6	10
137	Phenomenology of the inert T_1 and T_2 Higgs bosons in the $S(3)$ flavored Higgs doublet models. Physical Review D, 2014, 90, .	1.6	14
138	Higgs bosons from top quark decays. Physical Review D, 2014, 89, .	1.6	8
139	Next-to-next-to-leading order QCD corrections to light Higgs pair production via vector boson fusion in the type II two-Higgs-doublet model. Physical Review D, 2014, 89, .	1.6	1
140	LHC searches for the heavy Higgs boson via two b jets plus diphoton. Physical Review D, 2014, 89, .	1.6	18
141	Dark decay of the top quark. Physical Review D, 2014, 89, .	1.6	12
142	Exclusive radiative B-meson decays within minimal flavor-violating two-Higgs-doublet models. Physical Review D, 2014, 89, .	1.6	14
143	Searching for an elusive charged Higgs boson at the Large Hadron Collider. Physical Review D, 2014, 89, .	1.6	8
144	Constraints on and future prospects for two-Higgs-doublet models in light of the LHC Higgs signal. Physical Review D, 2014, 90, .	1.6	66

#	ARTICLE	IF	CITATIONS
145	Asymmetric lepton-flavor violating Higgs boson decays. Physical Review D, 2014, 90, .	1.6	20
146	Hybrid dynamical electroweak symmetry breaking with heavy quarks and the 125 GeV Higgs boson. Physical Review D, 2014, 89, .	1.6	7
147	Measuring the two-Higgs doublet model scalar potential at LHC14. Physical Review D, 2014, 90, .	1.6	22
148	Reappraisal of the wrong-sign $h \rightarrow b\bar{b}$ coupling and the study of $h \rightarrow Z\tau^+\tau^-$ Physical Review D, 2014, 89, .	1.6	22
149	Observation of the diphoton decay of the Higgs boson and measurement of its properties. European Physical Journal C, 2014, 74, 3076.	1.4	342
150	Fingerprinting nonminimal Higgs sectors. Physical Review D, 2014, 90, .	1.6	65
151	Predictive model of radiative neutrino masses. Physical Review D, 2014, 89, .	1.6	13
152	$C \rightarrow P$ -violating phenomenology of flavor conserving two Higgs doublet models. Physical Review D, 2014, 89, .	1.6	91
153	Exotic decays of the 125 GeV Higgs boson. Physical Review D, 2014, 90, .	1.6	209
154	$h \rightarrow Z\tau^+\tau^-$ in the complex two Higgs doublet model. Journal of High Energy Physics, 2014, 2014, 1.	1.6	56
155	Lepton flavor violation in the Higgs sector and the role of hadronic $h \rightarrow \tau^+\tau^-$ decays. Physical Review D, 2014, 89, .	1.6	62
156	LHC accessible second Higgs boson in the left-right model. Physical Review D, 2014, 89, .	1.6	12
157	Radiative charged-lepton mass generation in multi-Higgs doublet models. Physical Review D, 2014, 90, .	1.6	9
158	The Higgs boson is found: what is next?. Physics-Uspekhi, 2014, 57, 930-942.	0.8	11
159	Wrong sign and symmetric limits and non-decoupling in 2HDMs. Journal of High Energy Physics, 2014, 2014, 1.	1.6	57
160	Higgs pair production via gluon fusion in the Two-Higgs-Doublet Model. Journal of High Energy Physics, 2014, 2014, 1.	1.6	89
161	Exotic decays of a heavy neutral Higgs through HZ/AZ channel. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
162	Electroweak baryogenesis, electric dipole moments, and Higgs diphoton decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13

#	ARTICLE	IF	CITATIONS
163	Probing the Standard Model with Higgs signal rates from the Tevatron, the LHC and a future ILC. Journal of High Energy Physics, 2014, 2014, 1.	1.6	180
164	Measuring CP violation in two-Higgs-doublet models in light of the LHC Higgs data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	37
165	Maximally symmetric two Higgs doublet model with natural standard model alignment. Journal of High Energy Physics, 2014, 2014, 1.	1.6	164
166	Charged Higgs search via $A\tilde{W}^{\pm}/H\tilde{W}^{\pm}$ channel. Journal of High Energy Physics, 2014, 2014, 1.	1.6	48
167	High-scale validity of a two-Higgs doublet scenario: a study including LHC data. Journal of High Energy Physics, 2014, 2014, 1.	1.6	49
168	Flavor and CP violation in Higgs decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
169	Diagnosing CP properties of the 2HDM. Journal of High Energy Physics, 2014, 2014, 1.	1.6	17
170	LHC data and aspects of new physics. Journal of High Energy Physics, 2014, 2014, 1.	1.6	19
171	Higgs phenomenology in Type-I 2HDM with U(1) H Higgs gauge symmetry. Journal of High Energy Physics, 2014, 2014, 1.	1.6	37
172	P stabilizes dark matter and with CP can predict leptonic phases. European Physical Journal C, 2014, 74, 1.	1.4	7
173	Higgs Strahlung at the Large Hadron Collider in the 2-Higgs-doublet model. Journal of High Energy Physics, 2014, 2014, 1.	1.6	46
174	Constraining type II 2HDM in light of LHC Higgs searches. Journal of High Energy Physics, 2014, 2014, 1.	1.6	41
175	Scalar leptoquarks and Higgs pair production at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
176	PyR@TE. Computer Physics Communications, 2014, 185, 1130-1152.	3.0	64
177	Limiting two-Higgs-doublet models. Journal of High Energy Physics, 2014, 2014, 1.	1.6	121
178	Effective aligned 2HDM with a DFSZ-like invisible axion. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 737, 185-190.	1.5	11
179	Overcoming velocity suppression in dark-matter direct-detection experiments. Physical Review D, 2014, 90, .	1.6	40
180	Towards the identification of new physics through quark flavour violating processes. Reports on Progress in Physics, 2014, 77, 086201.	8.1	101

#	ARTICLE	IF	CITATIONS
181	Radiative generation of quark masses and mixing angles in the two Higgs doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 16-19.	1.5	11
182	Gauge invariance and spontaneous symmetry breaking in two-gap superconductors. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 2632-2634.	0.9	6
183	Complementarity in direct searches for additional Higgs bosons at the LHC and the International Linear Collider. Nuclear Physics B, 2014, 886, 524-553.	0.9	34
184	Baryogenesis within the two-Higgs-doublet model in the electroweak scale. International Journal of Modern Physics A, 2014, 29, 1450090.	0.5	10
185	A flavor kit for BSM models. European Physical Journal C, 2014, 74, 1.	1.4	109
186	Are there hidden scalars in LHC Higgs results?. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
187	Impersonating the Standard Model Higgs boson: alignment without decoupling. Journal of High Energy Physics, 2014, 2014, 1.	1.6	182
188	Neutrino masses in RPV models with two pairs of Higgs doublets. Journal of High Energy Physics, 2014, 2014, 1.	1.6	2
189	The universal Higgs fit. Journal of High Energy Physics, 2014, 2014, 1.	1.6	146
190	Theoretical constraints on additional Higgs bosons in light of the 126 GeV Higgs. Journal of High Energy Physics, 2014, 2014, 1.	1.6	23
191	Realizing three generations of the Standard Model fermions in the type IIB matrix model. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
192	$B_{s,d} \rightarrow \bar{a}, a, \bar{a}, a$ decays in the aligned two-Higgs-doublet model. Journal of High Energy Physics, 2014, 2014, 1.	1.6	27
193	Mono-Higgs detection of dark matter at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
194	Impact of a four-zero Yukawa texture on $h \rightarrow \tau^+ \tau^-$ and $h \rightarrow Z \tau^+ \tau^-$ in the framework of the Two Higgs Doublet Model Type III. Journal of High Energy Physics, 2014, 2014, 1.	1.6	11
195	Unraveling models of CP violation through electric dipole moments of light nuclei. Journal of High Energy Physics, 2014, 2014, 1.	1.6	88
196	Physical constraints on a class of two-Higgs doublet models with FCNC at tree level. Journal of High Energy Physics, 2014, 2014, 1.	1.6	43
197	Higgs mass from compositeness at a multi-TeV scale. Journal of High Energy Physics, 2014, 2014, 1.	1.6	3
198	Electric dipole moments in two-Higgs-doublet models. Journal of High Energy Physics, 2014, 2014, 1.	1.6	137

#	ARTICLE	IF	CITATIONS
199	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.	1.4	412
200	Rare top decay and CP violation in THDM. European Physical Journal C, 2014, 74, 1.	1.4	6
201	On exact minimization of Higgs potentials. European Physical Journal Plus, 2014, 129, 1.	1.2	0
202	Precision measurements of Higgs couplings: implications for new physics scales. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 113001.	1.4	140
203	Higgs-pair production and measurement of the triscalar coupling at $\sqrt{s}=14$ TeV. Journal of High Energy Physics, 2014, 2014, 030.	1.5	94
204	High-Energy Physics, 2014, 728, 433-436. Radiative corrections to the Yukawa coupling constants in two Higgs doublet models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 27-35.	1.5	44
205	Constraining New Physics with D meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 731, 36-42.	1.5	9
206	Unitarity constraints for Yukawa couplings in the two-Higgs-doublet model type III. International Journal of Modern Physics A, 2014, 29, 1450085.	0.5	3
207	Probing wrong-sign Yukawa couplings at the LHC and a future linear collider. Physical Review D, 2014, 89, .	1.6	75
208	An updated analysis of Inert Higgs Doublet Model in light of the recent results from LUX, PLANCK, AMS-02 and LHC. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 030-030.	1.9	138
209	Minimal semi-annihilating $\tilde{\chi}_1^0$ scalar dark matter. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 021-021.	1.9	56
210	Prospects for Higgs boson scenarios beyond the standard model. International Journal of Modern Physics Conference Series, 2014, 31, 1460289.	0.7	0
211	Flavour-changing top decays in the aligned two-Higgs-doublet model. Journal of High Energy Physics, 2015, 2015, 1.	1.6	26
212	Unitarity bound in the most general two Higgs doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 751, 289-296.	1.5	86
213	Probing sensitivity to charged scalars through partial differential widths: $\Gamma_{H \rightarrow \tau^+ \tau^-} / \Gamma_{H \rightarrow b \bar{b}}$. Physical Review D, 2015, 91, .	1.6	12
214	LHC searches for the $C\bar{P}$ -odd Higgs boson with a jet substructure analysis. Physical Review D, 2015, 91, .	1.6	6
215	Warm dark matter in two Higgs doublet models. Physical Review D, 2015, 91, .	1.6	4
216	Higgs phenomenology in the stealth doublet model. Physical Review D, 2015, 91, .	1.6	5

#	ARTICLE	IF	CITATIONS
217	Exclusive production of heavy charged Higgs boson pairs in the $pp \rightarrow H^\pm H^\mp$ reaction at the LHC and a future circular collider. Physical Review D, 2015, 91, .	1.6	11
218	Gigantic diphoton rate of heavy Higgs bosons in the aligned two Higgs doublet models with small $\tan\beta$. Physical Review D, 2015, 91, .	1.6	5
219	Masses of physical scalars in two Higgs doublet models. Physical Review D, 2015, 91, .	1.6	14
220	Dark matter, neutrino masses, and high scale validity of an inert Higgs doublet model. Physical Review D, 2015, 92, .	1.6	35
221	Pseudoscalar portal dark matter. Physical Review D, 2015, 92, .	1.6	68
222	Two hidden scalars around 125 GeV and $\mu \ll M_{\text{Pl}}$. Physical Review D, 2015, 92, .	1.6	25
223	Two-Higgs-doublet model in terms of observable quantities. Physical Review D, 2015, 92, .	1.6	5
224	Naturalness redux: The case of the neutrino seesaw mechanism. Physical Review D, 2015, 92, .	1.6	13
225	Preserving the validity of the two-Higgs-doublet model up to the Planck scale. Physical Review D, 2015, 92, .	1.6	27
226	Invisible $K \rightarrow L$ decays as a probe of new physics. Physical Review D, 2015, 92, .	1.6	20
227	Angular distributions in $H \rightarrow b\bar{b}$ reconstructed events at the LHC. Physical Review D, 2015, 92, .	1.6	15
228	Electroweak baryogenesis from exotic electroweak symmetry breaking. Physical Review D, 2015, 92, .	1.6	74
229	Effects of two inert scalar doublets on Higgs boson interactions and the electroweak phase transition. Physical Review D, 2015, 92, .	1.6	17
230	Tracking new physics at the LHC and beyond. Physical Review D, 2015, 92, .	1.6	11
231	Undoubtable signs of CP-violation in Higgs boson decays at the LHC run 2. Physical Review D, 2015, 92, .	1.6	17
232	Implications of the observation of dark matter self-interactions for singlet scalar dark matter. Physical Review D, 2015, 92, .	1.6	30
233	Scrutinizing the alignment limit in two-Higgs-doublet models: $m_{12} > m_{13} > m_{23}$. Physical Review D, 2015, 92, .	1.6	133
234	All the generalized Georgi-Machacek models. Physical Review D, 2015, 92, .	1.6	38

#	ARTICLE	IF	CITATIONS
253	Search for long-lived, weakly interacting particles that decay to displaced hadronic jets in proton-proton collisions at $\sqrt{s} < 8 < \text{TeV} < /math>$ at the ATLAS detector. Physical Review D, 2015, 92, .	1.6	61
254	Natural leptogenesis and neutrino masses with two Higgs doublets. Physical Review D, 2015, 92, .	1.6	34
255	Dip or nothingness of a Higgs resonance from the interference with a complex phase. Physical Review D, 2015, 92, .	1.6	32
256	Tree-level metastability bounds for the most general two Higgs doublet model. Physical Review D, 2015, 92, .	1.6	40
257	Prospects of constraining the Higgs boson CP nature in the tau decay channel at the LHC. Physical Review D, 2015, 92, .	1.6	36
258	Implication of Higgs mediated Flavour Changing Neutral Currents with Minimal Flavour Violation. Journal of Physics: Conference Series, 2015, 631, 012029.	0.3	0
259	Search for a pseudoscalar boson decaying into a Z boson and the 125 GeV Higgs boson in $pp \rightarrow Z + \text{Higgs} + \text{jet} + \text{jet} + \text{jet} + \text{jet}$ collisions at $\sqrt{s} = 8 < \text{TeV} < /math>$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 231-243.	1.5	34
260	Invariant approach to CP in unbroken $\hat{P}(27)$. Nuclear Physics B, 2015, 899, 14-36.	0.9	26
261	2HDM with extra $U(1)_H$ gauge symmetry. Nuclear and Particle Physics Proceedings, 2015, 267-269, 319-321.	0.2	0
262	Higgs and Z boson associated production via gluon fusion in the SM and the 2HDM. Journal of High Energy Physics, 2015, 2015, 1.	1.6	47
263	Fully covering the MSSM Higgs sector at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	102
264	A $U(1)_{A_4}$ symmetry at colliders and in the universe. Journal of High Energy Physics, 2015, 2015, 1.	1.6	47
265	Implications of $U(1)_{A_4}$ flavored CP symmetry of leptons. Journal of High Energy Physics, 2015, 2015, 1.	1.6	45
266	Constraining portals with displaced Higgs decay searches at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	10
267	Global fits of the two-loop renormalized Two-Higgs-Doublet model with soft Z^2 breaking. Journal of High Energy Physics, 2015, 2015, 1.	1.6	57
269	Charged Higgs boson in the $W \rightarrow \text{Higgs} + \text{jet}$ channel at the Large Hadron Collider. Nuclear Physics B, 2015, 893, 420-442.	0.9	17
270	Sphaleron and critical bubble in the scale invariant two Higgs doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 152-157.	1.5	35

#	ARTICLE	IF	CITATIONS
272	Complementarity of LHC and EDMs for exploring Higgs CP violation. Journal of High Energy Physics, 2015, 2015, 1.	1.6	41
273	Off-shell effects in Higgs processes at a linear collider and implications for the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	8
274	New physics models facing lepton flavor violating Higgs decays at the percent level. Journal of High Energy Physics, 2015, 2015, 1.	1.6	79
275	A search for $t\bar{t}$ resonances using lepton-plus-jets events in proton-proton collisions at $\sqrt{s}=8$ TeV with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	66
276	Study of lepton flavor violation in flavor symmetric models for lepton sector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
277	Heavy Higgs bosons and the 2 TeV $W\tilde{\chi}^0$ boson. Journal of High Energy Physics, 2015, 2015, 1.	1.6	45
278	Symmetry restored in dibosons at the LHC?. Journal of High Energy Physics, 2015, 2015, 1.	1.6	62
279	Light charged Higgs bosons to $A\tilde{W}/H\tilde{W}$ via top decay. Journal of High Energy Physics, 2015, 2015, 1.	1.6	38
280	LHC \tilde{t}, \tilde{b} -rich tests of lepton-specific 2HDM for $(g\tilde{a}^0)^2 \neq 0$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	42
281	Constraints on new phenomena via Higgs boson couplings and invisible decays with the ATLAS detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	108
282	New LHC benchmarks for the \mathcal{CP} -conserving two-Higgs-doublet model. European Physical Journal C, 2015, 75, 1.	1.4	74
283	Large pseudoscalar Yukawa couplings in the complex 2HDM. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
284	Exotic Higgs decay via charged Higgs. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
285	Searches for additional Higgs bosons in multi-top-quarks events at the LHC and the International Linear Collider. Nuclear Physics B, 2015, 898, 286-300.	0.9	16
286	Multi-lepton signatures of the triplet like charged Higgs at the LHC. Journal of High Energy Physics, 2015, 2015, 1.	1.6	20
287	Higgs and dark matter physics in the type-II two-Higgs-doublet model inspired by E 6 GUT. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
288	Benchmarks for Higgs effective theory: extended Higgs sectors. Journal of High Energy Physics, 2015, 2015, 1.	1.6	69
289	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. Journal of High Energy Physics, 2015, 2015, 1.	1.6	92

#	ARTICLE	IF	CITATIONS
290	Combining Pati-Salam and flavour symmetries. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
291	Exploring top quark FCNC within 2HDM type III in association with flavor physics. Journal of High Energy Physics, 2015, 2015, 1-30.	1.6	20
292	$B_s^0 \leftrightarrow B_s^0$ and $B_s^0 \leftrightarrow B_s^0$ mixing within minimal flavor-violating two-Higgs-doublet models. European Physical Journal C, 2015, 75, 1.	1.4	18
293	Electroweak baryogenesis in the exceptional supersymmetric standard model. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 055-055.	1.9	6
294	Field theory as a tool to constrain new physics models. Modern Physics Letters A, 2015, 30, 1550135.	0.5	17
295	Natural quasi-alignment with two Higgs doublets and RGE stability. European Physical Journal C, 2015, 75, 1.	1.4	14
296	Lepton flavour violating top decays at the LHC. European Physical Journal C, 2015, 75, 450.	1.4	15
297	The electroweak phase transition in the Inert Doublet Model. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 028-028.	1.9	62
298	Natural Standard Model Alignment in the Two Higgs Doublet Model. Journal of Physics: Conference Series, 2015, 631, 012030.	0.3	8
299	New physics effects in $D^+ \rightarrow K^+ \pi^+ \pi^+$. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 105002.	1.4	2
300	The texturized 2HDM (2HDM-TX) and Higgs signature at colliders. Journal of Physics: Conference Series, 2015, 651, 012016.	0.3	0
301	$B_{s,d} \rightarrow B_{s,d} \ell^+ \ell^-$ mixings and $B_{s,d} \rightarrow \ell^+ \ell^-$ decays within the Manohar-Wise model. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 125005.	1.4	14
302	Muon $g - 2$ and Galactic Centre γ -ray excess in a scalar extension of the 2HDM type-X. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 025-025.	1.9	16
303	Review of physics results from the Tevatron: Higgs boson physics. International Journal of Modern Physics A, 2015, 30, 1541006.	0.5	3
304	Identifying boosted new physics with non-isolated leptons. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
305	Boosted dark matter in IceCube and at the galactic center. Journal of High Energy Physics, 2015, 2015, 1.	1.6	66
306	New limits on $\tan^2 \beta$ for 2HDMs with Z2 symmetry. International Journal of Modern Physics A, 2015, 30, 1550158.	0.5	14
307	Flavor from the electroweak scale. Journal of High Energy Physics, 2015, 2015, 1.	1.6	38

#	ARTICLE	IF	CITATIONS
308	Searches for non-SM heavy Higgses at a 100ÅTeV pp collider. International Journal of Modern Physics A, 2015, 30, 1544005.	0.5	6
309	Search for neutral MSSM Higgs bosons decaying into a pair of bottom quarks. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
310	Analysis of the quark sector in the 2HDM with a four-zero Yukawa texture using the most recent data on the CKM matrix. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 742, 347-352.	1.5	9
311	Higgs naturalness and dark matter stability by scale invariance. Nuclear Physics B, 2015, 898, 415-430.	0.9	36
312	Fingerprinting the extended Higgs sector using one-loop corrected Higgs boson couplings and future precision measurements. Nuclear Physics B, 2015, 896, 80-137.	0.9	78
313	Higgs $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:mo stretchy="false" \rangle \hat{\tau} \langle / \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \hat{1} \langle / \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \hat{I} \langle / \text{mml:mi} \rangle \langle / \text{mml:math} \rangle$ in Abelian and Search for a standard model-like Higgs boson in the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{1} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle / \text{mml:mo} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$ 896, 281-310.	0.9	113
314	Search for a CP-odd Higgs boson decaying to $\text{Z}\eta$ in pp collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{1} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle / \text{mml:mo} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \hat{1} \langle / \text{mml:mi} \rangle \langle / \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle + \langle / \text{mml:mo} \rangle \langle / \text{mml:mrow} \rangle \langle / \text{mml:math} \rangle$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 184-207.	1.5	67
315	Search for a CP-odd Higgs boson decaying to $\text{Z}\eta$ in pp collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msqrt} \rangle \langle \text{mml:mi} \rangle s \langle / \text{mml:mi} \rangle \langle / \text{mml:msqrt} \rangle \langle \text{mml:mo} \rangle = \langle / \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 8 \langle / \text{mml:mn} \rangle \langle \text{mml:mtext} \rangle \hat{\text{Å}} \langle / \text{mml:mtext} \rangle$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 163-183.	1.5	41
316	Scotogenic $\hat{R}^{1/2}$ MDM at three-loop level. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 744, 237-243.	1.5	41
317	Does unitarity imply finiteness of electroweak oblique corrections at one loop? Constraining extra neutral Higgs bosons. Physical Review D, 2015, 91, .	1.6	5
318	Search for Higgs Boson Pair Production in the $\hat{1}^3 \hat{b} \hat{b} \hat{\tau}^+$ Final State Using pp Collision Data at $\hat{s} = 8 \hat{\text{Å}} \hat{\text{TeV}}$ from the ATLAS Detector. Physical Review Letters, 2015, 114, 081802.	2.9	98
319	Nondecoupling of charged scalars in Higgs decay to two photons and symmetries of the scalar potential. Physical Review D, 2015, 91, .	1.6	37
320	Radiative return for heavy Higgs boson at a muon collider. Physical Review D, 2015, 91, .	1.6	26
321	Complementarity between nonstandard Higgs boson searches and precision Higgs boson measurements in the MSSM. Physical Review D, 2015, 91, .	1.6	62
322	New Physics in Resonant Production of Higgs Boson Pairs. Physical Review Letters, 2015, 114, 011801.	2.9	24
323	Implications of a 125 GeV Higgs boson. International Journal of Modern Physics A, 2015, 30, 1530003.	0.5	3
324	Higgs inflation and suppression of axion isocurvature perturbation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 748, 108-112.	1.5	18
325	Decoupling theoretical uncertainties from measurements of the Higgs boson. Physical Review D, 2015, 91, .	1.6	16

#	ARTICLE	IF	CITATIONS
345	New Physics in Bdecays. EPJ Web of Conferences, 2016, 118, 01007.	0.1	0
346	Brief description of the flavor-changing neutral scalar interactions at two-loop level. Journal of Physics: Conference Series, 2016, 761, 012011.	0.3	1
347	Probing TeV scale top-philic resonances with boosted top-tagging at the high luminosity LHC. Physical Review D, 2016, 94, .	1.6	17
348	One-loop corrections to the perturbative unitarity bounds in the CP-conserving two-Higgs doublet model with a softly broken $\hat{a}, 2 \mathbb{Z}_2$ symmetry. Journal of High Energy Physics, 2016, 2016, 1.	1.6	43
349	Partially natural Two Higgs Doublet Models. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
350	Scotogenic model for co-bimaximal mixing. Journal of High Energy Physics, 2016, 2016, 1.	1.6	12
351	Consistency of WIMP Dark Matter as radiative neutrino mass messenger. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
352	Two Higgs doublet models augmented by a scalar colour octet. Journal of High Energy Physics, 2016, 2016, 1.	1.6	12
353	Gauge-independent \overline{MS} renormalization in the 2HDM. Journal of High Energy Physics, 2016, 2016, 1.	1.6	49
354	Signal background interference effects in heavy scalar production and decay to a top-anti-top pair. Journal of High Energy Physics, 2016, 2016, 1.	1.6	33
355	Next-to-leading order unitarity fits in Two-Higgs-Doublet models with soft $\hat{a}, 2$ breaking. Journal of High Energy Physics, 2016, 2016, 1.	1.6	42
356	New LUX and PandaX-II results illuminating the simplest Higgs-portal dark matter models. Journal of High Energy Physics, 2016, 2016, 1.	1.6	42
357	Radiative- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:msub} \rangle \langle \text{mml:mi mathvariant="double-struck"} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$ -breaking twin Higgs model. Physical Review D, 2016, 94, .	1.6	18
358	Lepton Flavour Violating $\tilde{I},$ decays in a 2HDM with SU(3) Yukawa matrices. Journal of Physics: Conference Series, 2016, 761, 012073.	0.3	0
359	Asymmetric dark matter models and the LHC diphoton excess. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 064-064.	1.9	4
360	750 GeV resonance at the LHC and perturbative unitarity. Physical Review D, 2016, 94, .	1.6	7
361	Diphoton excess in the 2HDM: Hastening towards instability and the nonperturbative regime. Physical Review D, 2016, 94, .	1.6	9
362	Inclusive production of $H \rightarrow \bar{b} b$ plus a recoil for the LHC Run-II. Europhysics Letters, 2016, 115, 11002.	0.7	0

#	ARTICLE	IF	CITATIONS
363	Dipole moments of charged leptons in the THDM-III with textures. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 045002.	1.4	7
364	Probing the inert doublet dark matter model with Cherenkov telescopes. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 043-043.	1.9	52
365	Effect of the charged Higgs bosons in the radiative leptonic decays of B^+ and D^+ mesons. Modern Physics Letters A, 2016, 31, 1650012.	0.5	11
366	Combined Analysis of CP Properties of Higgs Boson in Effective Higgs Lagrangian. Communications in Theoretical Physics, 2016, 65, 46-52.	1.1	1
367	Filling the gaps between model predictions and their prerequisites in electric dipole moments. International Journal of Modern Physics A, 2016, 31, 1650082.	0.5	2
368	Gauge-independent renormalization of the 2-Higgs-doublet model. Journal of High Energy Physics, 2016, 2016, 1.	1.6	67
369	Two Higgs doublet model and leptoquarks constraints from D^0 meson decays. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 115004.	1.4	3
370	Rare top decay $t \rightarrow c \hat{t}^3$ with flavor changing neutral scalar interactions in two Higgs doublet model. Physical Review D, 2016, 94, .	1.6	12
371	Search for minimal supersymmetric standard model Higgs Bosons H^{\pm}/A^0 and for a Z^{\prime} boson in the $pp \rightarrow \tau^+ \tau^- l^+ l^-$ final state produced in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2016, 76, 585.	1.4	51
372	Anatomy of exotic Higgs decays in 2HDM. Journal of High Energy Physics, 2016, 2016, 1.	1.6	47
373	Heavy right-handed neutrino dark matter and PeV neutrinos at IceCube. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 034-034.	1.9	68
374	Flavor violating signatures of lighter and heavier Higgs bosons within the two Higgs doublet model type III at the LHeC. Physical Review D, 2016, 94, .	1.6	10
375	Lightness of a Higgs boson and spontaneous C -violation in the Lee model: An alternative scenario. Physical Review D, 2016, 94, .	1.6	6
376	Search for two Higgs bosons in final states containing two photons and two bottom quarks in proton-proton collisions at 8 TeV. Physical Review D, 2016, 94, .	1.6	47
377	Flavor violating Higgs signals in the Texturized Two-Higgs Doublet Model (THDM-Tx). Chinese Physics C, 2016, 40, 123103.	1.5	19
378	Higgs couplings and new signals from Flavon Higgs mixing effects within multi-scalar models. Nuclear Physics B, 2016, 913, 942-963.	0.9	9
379	Origins of inert Higgs doublets. Nuclear Physics B, 2016, 906, 549-560.	0.9	8
380	Decays of a neutral particle with zero spin and arbitrary CP parity into two off-mass-shell Z bosons. Journal of Experimental and Theoretical Physics, 2016, 122, 663-678.	0.2	4

#	ARTICLE	IF	CITATIONS
381	Enhanced charged Higgs production through W-Higgs fusion in W-b scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
382	Scenarii for interpretations of the LHC diphoton excess: Two Higgs doublets and vector-like quarks and leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 756, 126-132.	1.5	128
383	Colour octet extension of 2HDM. International Journal of Modern Physics A, 2016, 31, 1630033.	0.5	2
384	Radiative corrections to Higgs coupling constants in two Higgs doublet models. Nuclear and Particle Physics Proceedings, 2016, 273-275, 807-812.	0.2	0
385	Constraints on a Class of Two-Higgs Doublet Models with tree level FCNC. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1448-1454.	0.2	1
386	Search for neutral resonances decaying into a Z boson and a pair of b jets or \bar{l}, l leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 369-394.	1.5	45
387	LHC searches for exotic new particles. Progress in Particle and Nuclear Physics, 2016, 90, 156-200.	5.6	5
388	Phenomenology of SU(5) low-energy realizations: The diphoton excess and Higgs flavor violation. Nuclear Physics B, 2016, 911, 388-424.	0.9	8
389	Bounds on neutral and charged Higgs from the LHC. Nuclear and Particle Physics Proceedings, 2016, 273-275, 678-683.	0.2	0
390	Interpreting the 750 GeV diphoton excess in minimal extensions of Two-Higgs-Doublet models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 464-470.	1.5	23
391	Optimising charged Higgs boson searches at the Large Hadron Collider across $bb\hat{W}\hat{A}\pm$ final states. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 697-705.	1.5	14
392	Naturally light neutrinos in Dirac model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 162-165.	1.5	35
393	Naturalness problem: Off the beaten track. Pramana - Journal of Physics, 2016, 87, 1.	0.9	3
394	Interpreting the 750 GeV diphoton excess within topflavor seesaw model. Nuclear Physics B, 2016, 911, 447-470.	0.9	12
395	Search for heavy resonances decaying to bosons with the ATLAS and CMS detectors. Nuclear and Particle Physics Proceedings, 2016, 273-275, 649-655.	0.2	0
396	Searches for a high-mass Higgs boson in the ZZ and WW decay channels with the CMS detector. Nuclear and Particle Physics Proceedings, 2016, 273-275, 907-912.	0.2	2
397	CP violation from flavor symmetry in a lepton quarticity dark matter model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 431-436.	1.5	31
398	Electroweak baryogenesis with lepton flavor violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 315-320.	1.5	42

#	ARTICLE	IF	CITATIONS
399	Higgs pair productions in the CP-violating two-Higgs-doublet model. Journal of High Energy Physics, 2016, 2016, 1.	1.6	27
400	Prospects for Higgs physics at energies up to 100 TeV. Reports on Progress in Physics, 2016, 79, 116201.	8.1	26
401	Yukawa sector for lepton flavor violating $\hat{1}^{\hat{4}}\hat{I}$, and CP violation $\hat{1}^{\hat{4}}\hat{I}$. Physical Review D, 2016, 94, .	1.6	10
402	Radiative type III seesaw model and its collider phenomenology. Physical Review D, 2016, 94, .	1.6	16
403	tbW anomalous couplings in the Two Higgs Doublet Model. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
404	Search for Resonant Production of High-Mass Photon Pairs in Proton-Proton Collisions at $\sqrt{s} = 8$ and 13 TeV. Physical Review Letters, 2016, 117, 051802.	2.9	73
405	Perturbative unitarity bounds in composite two-Higgs doublet models. Physical Review D, 2016, 94, .	1.6	11
406	Diboson anomaly: Heavy Higgs resonance and QCD vectorlike exotics. Physical Review D, 2016, 93, .	1.6	7
407	Lee-Wick extension of the two-Higgs doublet model. Physical Review D, 2016, 93, .	1.6	0
408	Fermion and scalar phenomenology of a two-Higgs-doublet model with S_3 . Physical Review D, 2016, 93, .	1.6	28
409	Search for $B \rightarrow \hat{1}^{\hat{4}} \hat{I} \hat{I}$ hadronic tagging at Belle. Physical Review D, 2016, 93, .	1.6	16
410	Production of heavy Higgs bosons and decay into top quarks at the LHC. Physical Review D, 2016, 93, .	1.6	23
411	Alignment limit of the NMSSM Higgs sector. Physical Review D, 2016, 93, .	1.6	51
412	Higgs boson- $\hat{1}^{\hat{4}} \hat{I} \hat{I}$ at high and low energy colliders. Physical Review D, 2016, 93, .	1.6	12
413	Closing up on dark sectors at colliders: From 14 to 100 TeV. Physical Review D, 2016, 93, .	1.6	13
414	Extra neutral scalars with vectorlike fermions at the LHC. Physical Review D, 2016, 93, .	1.6	15
415	Probe of new light Higgs bosons from bottomonium $\hat{1}^{\hat{4}} \hat{I} \hat{I}$ decay. Physical Review D, 2016, 93, .	1.6	2
416	Flavor-changing leptonic decays of heavy Higgs bosons. Physical Review D, 2016, 93, .	1.6	26

#	ARTICLE	IF	CITATIONS
417	Understanding diboson anomalies. Physical Review D, 2016, 93, .	1.6	1
418	Interference effect on a heavy Higgs resonance signal in the $\gamma\gamma$ channels. Physical Review D, 2016, 93, .	1.6	6
419	Probing CP-violating $t\bar{t}$ coupling in $e^+e^- \rightarrow t\bar{t}h$. Physical Review D, 2016, 93, .	1.6	10
420	Gauge invariance and the physical spectrum in the two-Higgs-doublet model. Physical Review D, 2016, 93, .	1.6	11
421	Pushing Higgs effective theory to its limits. Physical Review D, 2016, 93, .	1.6	48
422	Rays of light from the LHC. Physical Review D, 2016, 93, .	1.6	95
423	h, a in generic two-Higgs-doublet models. Physical Review D, 2016, 93, 1.6	1.6	33
424	LHC searches for heavy neutral Higgs bosons with a top jet substructure analysis. Physical Review D, 2016, 93, .	1.6	6
425	First interpretation of the 750 GeV diphoton resonance at the LHC. Physical Review D, 2016, 93, .	1.6	68
426	Two Higgs doublet models with an S^3 symmetry. Physical Review D, 2016, 93, .	1.6	12
427	Search for a low-mass neutral Higgs boson with suppressed couplings to fermions using events with multiphoton final states. Physical Review D, 2016, 93, .	1.6	2
428	Top-phobic heavy Higgs boson as the 750 GeV diphoton resonance. Physical Review D, 2016, 93, .	1.6	15
429	Alignment, reverse alignment, and wrong sign Yukawa couplings in two Higgs doublet models. Physical Review D, 2016, 93, .	1.6	14
430	Hierarchical versus degenerate 2HDM: The LHC run 1 legacy at the onset of run 2. Physical Review D, 2016, 93, .	1.6	35
431	Perturbed Lepton-Specific Two-Higgs-Doublet Model Facing Experimental Hints for Physics beyond the Standard Model. Physical Review Letters, 2016, 116, 081801.	2.9	200
432	Probing charged Higgs boson couplings at a future circular hadron collider. Physical Review D, 2016, 94, .	1.6	1
433	Simplified models vs. effective field theory approaches in dark matter searches. European Physical Journal C, 2016, 76, 1.	1.4	85
434	Looking through the pseudoscalar portal into dark matter: Novel mono-Higgs and mono-Z signatures at the LHC. Physical Review D, 2016, 93, .	1.6	48

#	ARTICLE	IF	CITATIONS
435	Scrutinizing the alignment limit in two-Higgs-doublet models. $m_H = 125 \text{ GeV}$. Physical Review D, 2016, 93, .	1.6	85
436	Search for dark matter produced in association with a Higgs boson decaying to two bottom quarks in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Physical Review D, 2016, 93, .	1.6	16
437	Symmetries for standard model alignment in multi-Higgs doublet models. Physical Review D, 2016, 93, .	1.6	29
438	High-scale validity of a model with three Higgs doublets. Physical Review D, 2016, 93, .	1.6	13
439	Charged Higgs Boson: Tracer of the Physics beyond Standard Model. Nuclear and Particle Physics Proceedings, 2016, 273-275, 716-720.	1.6	8
440	Charged Higgs Boson: Tracer of the Physics beyond Standard Model. Nuclear and Particle Physics Proceedings, 2016, 273-275, 716-720.	0.2	1
442	Threshold enhancement of diphoton resonances. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 8-15.	1.5	9
443	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. Reports on Progress in Physics, 2016, 79, 124201.	8.1	496
444	Signatures of lower-scale gauge coupling unification in the standard model due to extended Higgs sector. Physics of Atomic Nuclei, 2016, 79, 721-725.	0.1	1
445	Higgs boson couplings in multi-doublet models with natural flavour conservation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 763, 102-107.	1.5	12
446	Higgs lepton flavour violation: UV completions and connection to neutrino masses. Journal of High Energy Physics, 2016, 2016, 1.	1.6	36
447	Search for a lighter Higgs boson in Two Higgs Doublet Models. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
448	Status and prospects of the two-Higgs-doublet $SU(6)/Sp(6)$ little-Higgs model and the alignment limit. Physical Review D, 2016, 94, .	1.6	9
449	Minima of the scalar potential in the type II seesaw model: From local to global. Physical Review D, 2016, 94, .	1.6	7
450	Collider signatures of flavorful Higgs bosons. Physical Review D, 2016, 94, .	1.6	35
451	Identification of high transverse momentum top quarks in pp collisions at $\sqrt{s} = 8 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
452	Dimension-seven operators in the standard model with right handed neutrinos. Physical Review D, 2016, 94, .	1.6	63
453	Heavy Higgs boson coupled to vectorlike quarks: Strong CP problem and search prospects at the 14 TeV LHC. Physical Review D, 2016, 94, .	1.6	1

#	ARTICLE	IF	CITATIONS
454	Fermionic WIMPs and vacuum stability in the scotogenic model. Physical Review D, 2016, 94, .	1.6	37
455	Vacuum structure of the Higgs complex singlet-doublet model. Physical Review D, 2016, 94, .	1.6	10
456	Cubic and Quartic Higgs Couplings of Higgs Potentials and CP Phases. Communications in Theoretical Physics, 2016, 65, 753-760.	1.1	0
457	Top quark electric and magnetic color dipole moments in a Two Higgs Doublet Model with CP violation. Journal of Physics: Conference Series, 2016, 761, 012050.	0.3	0
458	Pseudoscalar searches with dileptonic tops and jet substructure. Physical Review D, 2016, 94, .	1.6	12
459	Neutrinophilic nonstandard interactions. Physical Review D, 2016, 94, .	1.6	66
460	What if the masses of the first two quark families are not generated by the standard model Higgs boson?. Physical Review D, 2016, 94, .	1.6	26
461	Constraining wrong-sign $hb\bar{b}$ couplings with $h\rightarrow b\bar{b}$. Physical Review D, 2016, 94, .	1.6	17
462	Creating the fermion mass hierarchies with multiple Higgs bosons. Physical Review D, 2016, 94, .	1.6	22
463	Search for pair production of Higgs bosons in the $hb\bar{b}$ couplings with $h\rightarrow b\bar{b}$. Physical Review D, 2016, 94, .	1.6	38
464	Interference effects in the decays of spin-zero resonances into $\tilde{\chi}_3^0\tilde{\chi}_3^0$ and $t\bar{t}\tilde{\chi}_1^0$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
465	Leptonic precision test of leptophilic two-Higgs-doublet model. Journal of High Energy Physics, 2016, 2016, 1.	1.6	57
466	Michel parameters for \tilde{l}_μ decays $\tilde{l}_\mu \rightarrow l\tilde{\chi}_1^0$ and $\tilde{l}_\mu \rightarrow l\tilde{\chi}_2^0$ in a general two Higgs doublet model with $\tilde{l}_\mu \rightarrow l\tilde{\chi}_1^0$, flavor violation. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
467	The LHC searches for heavy neutral Higgs bosons by jet substructure analysis. International Journal of Modern Physics A, 2016, 31, 1644009.	0.5	1
468	Invisible KL decays in the SM extensions. Modern Physics Letters A, 2016, 31, 1650142.	0.5	3
469	Interpreting a 750 GeV diphoton resonance. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
470	Effective field theory with two Higgs doublets. Journal of High Energy Physics, 2016, 2016, 1.	1.6	22
471	Searches for heavy diboson resonances in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	25

#	ARTICLE	IF	CITATIONS
472	A tale of twin Higgs: natural twin two Higgs doublet models. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
473	Phenomenological signatures of additional scalar bosons at the LHC. European Physical Journal C, 2016, 76, 1.	1.4	70
474	Low energy behaviour of standard model extensions. Journal of High Energy Physics, 2016, 2016, 1.	1.6	35
475	New signatures of flavor violating Higgs couplings. Journal of High Energy Physics, 2016, 2016, 1.	1.6	25
476	Challenges and opportunities for heavy scalar searches in the $t\bar{t} \rightarrow \gamma\gamma$ channel at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	1.6	54
477	Boosting the charged Higgs search prospects using jet substructure at the LHC. Journal of High Energy Physics, 2016, 2016, 1.	1.6	7
478	Scalar sector of two-Higgs-doublet models: A minireview. Pramana - Journal of Physics, 2016, 87, 1.	0.9	73
479	When matching matters: Loop effects in Higgs effective theory. Physical Review D, 2016, 94, .	1.6	11
480	How resonance-continuum interference changes 750 GeV diphoton excess: signal enhancement and peak shift. Journal of High Energy Physics, 2016, 2016, 1.	1.6	21
481	CP violating Two-Higgs-Doublet Model: constraints and LHC predictions. Journal of High Energy Physics, 2016, 2016, 1-24.	1.6	11
482	Two-Higgs-doublet type-II and -III models and $h \rightarrow c\bar{c}$ at the LHC. European Physical Journal C, 2016, 76, 1.	1.4	13
483	125 GeV Higgs decays into $\hat{t}\hat{t}^*$, $\hat{t}\hat{t}^*Z$ and rare top quark decay in generic 2HDM. Nuclear and Particle Physics Proceedings, 2016, 273-275, 2430-2432.	0.2	0
484	Into the multi-TeV scale with a Higgs golden ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 412-419.	1.5	12
485	Multiboson production in $W \rightarrow e\bar{e}$ decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	26
486	Spontaneous symmetry breaking in the S_3 -symmetric scalar sector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	20
487	A case study of the sensitivity to LFV operators with precision measurements and the LHC. Journal of High Energy Physics, 2016, 2016, 1.	1.6	10
488	Two Higgs doublets to explain the excesses $pp \rightarrow \hat{t}\hat{t}^* \hat{t}\hat{t}^*$ (750 GeV) and $h \rightarrow \hat{t}\hat{t}^* \hat{t}\hat{t}^*$. Journal of High Energy Physics, 2016, 2016, 1.	1.8	45
489	The inert Zee model. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15

#	ARTICLE	IF	CITATIONS
490	Interpreting the 750 GeV diphoton excess by the singlet extension of the Manohar-Wise model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 456-463.	1.5	62
491	Can the new resonance at LHC be a CP-odd Higgs boson?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 261-267.	1.5	62
492	Search for a low-mass pseudoscalar Higgs boson produced in association with a $b\bar{b}$ pair in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 257-262.	1.5	25
493	Probing MeV to 90 GeV axion-like particles with LEP and LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 753, 482-487.	1.5	197
494	Searching heavier Higgs boson via di-Higgs production at LHC Run-2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 509-522.	1.5	24
495	Is the Higgs mechanism of fermion mass generation a fact? A Yukawa-less first-two-generation model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 504-508.	1.5	37
496	Revisiting $B_s \rightarrow \mu^+ \mu^-$ in the two-Higgs doublet models with Z_2 symmetry. European Physical Journal C, 2016, 76, 1.	1.4	20
497	Interference contributions to gluon initiated heavy Higgs production in the two-Higgs-doublet model. European Physical Journal C, 2016, 76, 1.	1.4	6
498	Flavour-changing Higgs couplings in a class of two Higgs doublet models. European Physical Journal C, 2016, 76, 1.	1.4	87
499	The s-channel charged Higgs in the fully hadronic final state at LHC. European Physical Journal C, 2016, 76, 1.	1.4	1
500	$\mu \rightarrow e \gamma$ in the 2HDM: an exercise in EFT. European Physical Journal C, 2016, 76, 1.	1.4	17
501	$\mu \rightarrow e \gamma$ in the aligned two Higgs doublet model. Journal of High Energy Physics, 2016, 2016, 1.	1.6	40
502	Future collider signatures of the possible 750 GeV state. Journal of High Energy Physics, 2016, 2016, 1.	1.6	30
503	G2HDM: Gauged Two Higgs Doublet Model. Journal of High Energy Physics, 2016, 2016, 1-34.	1.6	8
504	One-loop contributions to neutral minima in the inert doublet model. Journal of High Energy Physics, 2016, 2016, 1-35.	1.6	13
505	Flavor constraints on the Two Higgs Doublet Models of Z_2 symmetric and aligned types. Journal of High Energy Physics, 2016, 2016, 1.	1.6	70
506	Gauge coupling unification with extra Higgs doublets. Fortschritte Der Physik, 2016, 64, 510-515.	1.5	1
507	Measurements of the Higgs boson production and decay rates and coupling strengths using pp collision data at $\sqrt{s} = 7$ and 8 TeV in the ATLAS experiment. European Physical Journal C, 2016, 76, 6.	1.4	274

#	ARTICLE	IF	CITATIONS
508	Lepton mass and mixing in a neutrino mass model based on $S_{4\ell}$ flavor symmetry. International Journal of Modern Physics A, 2016, 31, 1650039.	0.5	11
509	Search for an additional, heavy Higgs boson in the $H \rightarrow ZZ$ decay channel at $\sqrt{s} = 8$ TeV in pp collision data with the ATLAS detector. European Physical Journal C, 2016, 76, 45.	1.4	197
510	Searches for a heavy scalar boson H decaying to a pair of 125 GeV Higgs bosons hh or for a heavy pseudoscalar boson A decaying to Zh , in the final states with $h \rightarrow \tau^+\tau^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 755, 217-244.	1.5	53
511	A model with two inert scalar doublets. Annals of Physics, 2016, 364, 53-67.	1.0	11
512	Status after the first LHC run: Looking for new directions in the physics landscape. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 824, 43-46.	0.7	1
513	Search for high-mass diphoton resonances in proton-proton collisions at 13 TeV and combination with 8 TeV search. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 147-170.	1.5	69
514	Extending two Higgs doublet models for two-loop neutrino mass generation and one-loop neutrinoless double beta decay. Nuclear Physics B, 2017, 915, 206-223.	0.9	19
515	Electroweak production of light scalar-pseudoscalar pairs from extended Higgs sectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 121-125.	1.5	12
516	Search for dark matter in association with a Higgs boson decaying to b -quarks in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 11-31.	1.5	26
517	Heavy neutral scalar decays into electroweak gauge bosons in the littlest Higgs model. Journal of Physics C: Nuclear and Particle Physics, 2017, 44, 045002.	1.4	1
518	Particle Dark Matter constraints: the effect of Galactic uncertainties. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 007-007.	1.9	48
519	Mesons Constrains Explanations for Anomalies in $B \rightarrow D^* \tau \nu$. Physical Review Letters, 2017, 118, 081801.	2.9	211
520	Missing particle associated with two bottom quarks at the LHC: Mono- b versus $2b$ with razor variables. Physical Review D, 2017, 95, .	1.6	4
521	UV-complete composite Higgs models. Physical Review D, 2017, 95, .	1.6	32
522	The top right coupling in the aligned two-Higgs-doublet model. Journal of High Energy Physics, 2017, 2017, 1.	1.6	4
523	A second Higgs doublet in the early universe: baryogenesis and gravitational waves. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 052-052.	1.9	111
524	Strong first order electroweak phase transition in the CP-conserving 2HDM revisited. Journal of High Energy Physics, 2017, 2017, 1.	1.6	112
525	Exploring a heavy charged Higgs using jet substructure in a fully hadronic channel. Nuclear Physics B, 2017, 917, 19-30.	0.9	10

#	ARTICLE	IF	CITATIONS
544	Effects of custodial symmetry breaking in the Georgi-Machacek model at high energies. Physical Review D, 2017, 96, .	1.6	27
545	Searching for the heavy charged custodial fiveplet Higgs boson in the Georgi-Machacek model at the International Linear Collider. Physical Review D, 2017, 95, .	1.6	5
546	Neutrino and C -even Higgs boson masses in a nonuniversal U		

#	ARTICLE	IF	CITATIONS
562	Accurate predictions for charged Higgs production: Closing the μ \rightarrow $e\gamma$ window. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 87-92.	1.5	11
563	Standard Model "axion" seesaw Higgs portal inflation. Five problems of particle physics and cosmology solved in one stroke. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 001-001.	1.9	122
564	Search for heavy neutral CP-even Higgs within lepton-specific 2HDM at a future linear collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 426-434.	1.5	9
565	Search for Dark Matter Produced in Association with a Higgs Boson Decaying to $b\bar{b}$ Using $b\bar{b}\gamma$ Final States. Physical Review Letters, 2017, 119, 181804.	2.9	49
566	Search for flavor-changing neutral currents in rare top decays. Astronomische Nachrichten, 2017, 338, 1147-1150.	0.6	0
567	Single and double SM-like Higgs boson production at future electron-positron colliders in composite 2HDMs. Physical Review D, 2017, 95, .	1.6	5
568	Six-Higgs-doublet model for dark matter. Physical Review D, 2017, 96, .	1.6	2
569	Quark mixing in an S_3 symmetric model with two Higgs doublets. Physical Review D, 2017, 96, .	1.6	13
570	Search for associated production of dark matter with a Higgs boson decaying to $b\bar{b}$ or $\tau^+\tau^-$ at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	14
571	Search for Heavy Higgs Bosons A/H Decaying to a Top Quark Pair in pp Collisions at $\sqrt{s} = 8$ TeV with the ATLAS Detector. Physical Review Letters, 2017, 119, 191803.	2.9	74
572	Multi-Higgs doublet models: physical parametrization, sum rules and unitarity bounds. Journal of High Energy Physics, 2017, 2017, 1.	1.6	37
573	Spontaneous symmetry breaking in three-Higgs-doublet S_3 -symmetric models. Journal of Physics: Conference Series, 2017, 873, 012007.	0.3	0
574	Neutrino-two-Higgs-doublet model with the inverse seesaw mechanisms. Physical Review D, 2017, 96, .	1.6	2
575	Inert two-Higgs-doublet model strongly coupled to a non-Abelian vector resonance. Physical Review D, 2017, 96, .	1.6	6
576	LHC as an Axion Factory: Probing an Axion Explanation for μ \rightarrow $e\gamma$ with Exotic Higgs Decays. Physical Review Letters, 2017, 119, 031802.	2.9	58
577	Probing lepton flavor violation at the 13 TeV LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	16
578	Muon anomalous magnetic moment through the leptonic Higgs portal. Physical Review D, 2017, 95, .	1.6	65
579	Search for CP violation in $B \rightarrow K^* \mu^+ \mu^-$ decays. Physical Review D, 2017, 96, .	1.6	3

#	ARTICLE	IF	CITATIONS
580	Nonuniversal anomaly-free U(1) model with three Higgs doublets and one singlet scalar field. Physical Review D, 2017, 96, .	1.6	4
581	Two-Higgs-doublet-portal dark-matter models in light of direct search and LHC data. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
582	Phenomenological analysis of an E -inspired seesaw model. Physical Review D, 2017, 96, .	1.6	1
583	FN-2HDM: Two Higgs Doublet Models with Froggatt-Nielsen symmetry. Journal of High Energy Physics, 2017, 2017, 1.	1.6	5
584	Exploring the quark flavor puzzle within the three-Higgs doublet model. Physical Review D, 2017, 96, .	1.6	4
585	Searching for the doubly-charged Higgs bosons in the Georgi-Machacek model at the electron-proton colliders. Physical Review D, 2017, 96, .	1.6	10
586	Higgs pair production at NLO QCD for CP-violating Higgs sectors. Nuclear Physics B, 2017, 925, 1-27.	0.9	25
587	Reconstructing a light pseudoscalar in the Type-X two Higgs doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 20-25.	1.5	18
588	Cobimaximal lepton mixing from soft symmetry breaking. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 325-331.	1.5	10
589	Identifying a light charged Higgs boson at the LHC Run II. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 591-598.	1.5	24
590	Higgs-to-Higgs boson decays in a 2HDM at next-to-leading order. Physical Review D, 2017, 95, .	1.6	26
591	Two-loop corrections to the β -parameter in Two-Higgs-Doublet models. European Physical Journal C, 2017, 77, 1.	1.4	20
592	Higgs EFT for 2HDM and beyond. European Physical Journal C, 2017, 77, 176.	1.4	34
593	Flaxion: a minimal extension to solve puzzles in the standard model. Journal of High Energy Physics, 2017, 2017, 1.	1.6	134
594	Neutrino mixing and R K anomaly in U(1) X models: a bottom-up approach. Journal of High Energy Physics, 2017, 2017, 1.	1.6	53
595	Full parameter scan of the Zee model: exploring Higgs lepton flavor violation. Journal of High Energy Physics, 2017, 2017, 1.	1.6	48
596	Radiative light dark matter. Physical Review D, 2017, 95, .	1.6	3
597	Phenomenology of the standard model under conditions of spontaneously broken mirror symmetry. Physics of Atomic Nuclei, 2017, 80, 275-284.	0.1	2

#	ARTICLE	IF	CITATIONS
598	$B \rightarrow K^* \mu^+ \mu^-$ - decay in the aligned two-Higgs-doublet model. European Physical Journal C, 2017, 77, 1.	1.4	30
599	Radiative two-loop neutrino masses with dark matter. Journal of High Energy Physics, 2017, 2017, 1.	1.6	13
600	Triple Higgs coupling in the most general 2HDM at SM-like scenario. European Physical Journal C, 2017, 77, 1.	1.4	7
601	The $\Lambda \rightarrow p \mu^+ \mu^-$ - decay in the aligned two-Higgs-doublet model. European Physical Journal C, 2017, 77, 1.	1.4	8
602	Prospects for charged Higgs searches at the LHC. European Physical Journal C, 2017, 77, 1.	1.4	78
603	Leptophilic neutral Higgs bosons in two Higgs doublet model at a linear collider. European Physical Journal C, 2017, 77, 1.	1.4	6
604	Phenomenology of the new physics coming from 2HDMs to the neutrino magnetic dipole moment. International Journal of Modern Physics A, 2017, 32, 1750050.	0.5	0
605	Search for Dark Matter Produced in Association with a Higgs Boson Decaying to Two Bottom Quarks at ATLAS. Springer Theses, 2017, . .	0.0	2
606	At Least a Higgs Boson. Springer Theses, 2017, , 29-151.	0.0	0
607	Non-abelian vector boson dark matter, its unified route and signatures at the LHC. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 021-021.	1.9	16
608	Higgs bosons in standard model extensions. Physics of Particles and Nuclei, 2017, 48, 822-826.	0.2	3
609	Controlled flavour changing neutral couplings in two Higgs Doublet models. European Physical Journal C, 2017, 77, 1.	1.4	14
610	Tree-level vacuum stability of two-Higgs-doublet models and new constraints on the scalar potential. Physical Review D, 2017, 95, .	1.6	11
611	Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 845.	1.4	38
612	High-scale validity of a two-Higgs-doublet scenario: Predicting collider signals. Physical Review D, 2017, 96, .	1.6	12
613	NLO perturbativity bounds on quartic couplings in renormalizable theories with C^4 -like scalar sectors. Physical Review D, 2017, 96, .	1.6	8
614	Simplified dark matter models with two Higgs doublets: I. Pseudoscalar mediators. Journal of High Energy Physics, 2017, 2017, 1.	1.6	81
615	CP violation effects in the diphoton spectrum of heavy scalars. Physical Review D, 2017, 96, .	1.6	10

#	ARTICLE	IF	CITATIONS
616	Lepton-flavored electroweak baryogenesis. Physical Review D, 2017, 96, .	1.6	35
617	Lepton flavor violating Higgs boson decay at $e^+e^- \rightarrow \mu^+\mu^- + \mu^+\mu^- + \mu^+\mu^-$ colliders. Physical Review D, 2017, 96, .	1.6	9
618	One-loop considerations for coexisting vacua in the CP conserving 2HDM. Journal of High Energy Physics, 2017, 2017, 1.	1.6	2
619	The $\hat{1}/4\text{-}\hat{I}_3$, reflection symmetry of Dirac neutrinos and its breaking effect via quantum corrections. Journal of High Energy Physics, 2017, 2017, 1.	1.6	20
620	Spontaneous CP violation in multi-Higgs potentials with triplets of $\hat{1}''(3n2)$ and $\hat{1}'''(6n2)$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
621	Dark matter production via $b\bar{b}Z$ production. Journal of High Energy Physics, 2017, 2017, 1.	1.6	27
622	Patterns of flavour violation in models with vector-like quarks. Journal of High Energy Physics, 2017, 2017, 1.	1.6	64
623	Phenomenological comparison of models with extended Higgs sectors. Journal of High Energy Physics, 2017, 2017, 1.	1.6	49
624	Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2017, 77, 578.	1.4	57
625	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	29
626	NLO electroweak corrections in extended Higgs sectors with RECOLA2. Journal of High Energy Physics, 2017, 2017, 1.	1.6	25
627	Dark matter phenomenology of SM and enlarged Higgs sectors extended with vector-like leptons. European Physical Journal C, 2017, 77, 456.	1.4	13
628	LHC phenomenology of composite 2-Higgs doublet models. European Physical Journal C, 2017, 77, 1.	1.4	13
629	Identifying a new particle with jet substructures. Journal of High Energy Physics, 2017, 2017, 1.	1.6	0
630	Renormalization group running of fermion observables in an extended non-supersymmetric SO(10) model. Journal of High Energy Physics, 2017, 2017, 1.	1.6	20
631	The muon magnetic moment in the 2HDM: complete two-loop result. Journal of High Energy Physics, 2017, 2017, 1.	1.6	46
632	Production of heavy Higgs bosons and decay into top quarks at the LHC. II. Top-quark polarization and spin correlation effects. Physical Review D, 2017, 95, .	1.6	7
633	Effective-field theory analysis of the $\hat{1}_2, \hat{1}_2', \hat{1}_2''$ decays. Journal of High Energy Physics, 2017, 2017, 1.1.6	1.6	20

#	ARTICLE	IF	CITATIONS
634	Neutrino masses and absence of flavor changing interactions in the 2HDM from gauge principles. Journal of High Energy Physics, 2017, 2017, 1.	1.6	54
635	Learning from Higgs physics at future Higgs factories. Journal of High Energy Physics, 2017, 2017, 1.	1.6	44
636	Search for a heavy boson in $WW \rightarrow \tau\tau$ channel at the Large Hadron Collider in pp at $\sqrt{s}=13, \sqrt{s}=14$ TeV and integrated luminosity of 36.5 fb ⁻¹ with the ATLAS detector. Journal of Physics: Conference Series, 2017, 889, 012001.	0.3	1
637	Flavour alignment in multi-Higgs-doublet models. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
638	Renormalization schemes for the Two-Higgs-Doublet Model and applications to $h \rightarrow WW/ZZ \rightarrow 4$ fermions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	39
639	Heavy stable charged tracks as signatures of non-thermal dark matter at the LHC: a study in some non-supersymmetric scenarios. Journal of High Energy Physics, 2017, 2017, 1.	1.6	16
640	The Higgs boson decay into $ZZ \rightarrow 4$ identical fermion pairs. International Journal of Modern Physics A, 2017, 32, 1750166.	0.5	2
641	Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
642	Simple criterium for CP conservation in the most general 2HDM. Physical Review D, 2017, 96, .	1.6	1
643	Two Higgs doublet models and $b \rightarrow s \gamma$ exclusive decays. European Physical Journal C, 2017, 77, 1.	1.4	46
644	Scalar production and decay to top quarks including interference effects at NLO in QCD in an EFT approach. Journal of High Energy Physics, 2017, 2017, 1.	1.6	8
645	Gauge-independent renormalization of the N2HDM. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
646	Flavor gauge models below the Fermi scale. Journal of High Energy Physics, 2017, 2017, 1.	1.6	51
647	The Higgs vacuum uplifted: revisiting the electroweak phase transition with a second Higgs doublet. Journal of High Energy Physics, 2017, 2017, 1.	1.6	51
648	A simple criterium for CP conservation in the most general 2HDM. Journal of Physics: Conference Series, 2017, 873, 012034.	0.3	0
649	Quark flavour-violating Higgs decays at the ILC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	11
650	High scale flavor alignment in two-Higgs doublet models and its phenomenology. Journal of High Energy Physics, 2017, 2017, 1.	1.6	40
651	Extracting the mass scale of a second Higgs boson from a deviation in $h(125)$ couplings. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3

#	ARTICLE	IF	CITATIONS
652	Collider probes of axion-like particles. Journal of High Energy Physics, 2017, 2017, 1.	1.6	266
653	A heavy scalar of mass 270 GeV and its possible connection to the 750 GeV excess. Journal of Physics: Conference Series, 2017, 802, 012001.	0.3	1
654	The discrete charm of flavour and CP violation. Journal of Physics: Conference Series, 2017, 873, 012011.	0.3	1
655	CP -symmetry of order 4 and its consequences. Journal of Physics: Conference Series, 2017, 873, 012036.	0.3	2
656	Decays $\hat{1} P \hat{a} \hat{t} \hat{1}^3 Z, ZZ$ in the context of the Littlest Higgs Model. Journal of Physics: Conference Series, 2017, 912, 012041.	0.3	0
657	Probing flavor parameters in the scalar sector and new bounds for the fermion sector. Progress of Theoretical and Experimental Physics, 2017, 2017, .	1.8	2
658	Simple criterium for CP conservation in 2HDM. Journal of Physics: Conference Series, 2017, 938, 012049.	0.3	0
659	Light exotic Higgs bosons at the LHC. Journal of Physics: Conference Series, 2017, 878, 012028.	0.3	0
660	The impact of additional scalar bosons at the LHC. Journal of Physics: Conference Series, 2017, 802, 012007.	0.3	3
661	K^0 - \bar{K}^0 Mixing in the Minimal Flavor-Violating Two-Higgs-Doublet Models. Advances in High Energy Physics, 2017, 2017, 1-15.	0.5	7
662	Sources of Charged Higgs Pair through Double or Triple Higgs Production at Linear Colliders. Advances in High Energy Physics, 2017, 2017, 1-7.	0.5	1
663	High-scale validity of a two-Higgs-doublet scenario: metastability included. European Physical Journal C, 2017, 77, 1.	1.4	25
664	Tadpole-induced electroweak symmetry breaking and pNGB Higgs models. Journal of High Energy Physics, 2017, 2017, 1.	1.6	24
665	Resonant top pair production at NLO in QCD. EPJ Web of Conferences, 2017, 158, 02006.	0.1	0
666	BEH Boson properties from CMS results. EPJ Web of Conferences, 2017, 164, 01006.	0.1	0
667	High-mass Higgs searches at ATLAS and CMS. EPJ Web of Conferences, 2017, 164, 05001.	0.1	0
668	Natural Alignment in the Two Higgs Doublet Model. Journal of Physics: Conference Series, 2017, 873, 012008.	0.3	13
669	Rare $\Lambda_b \rightarrow \Lambda_b \ell^+ \ell^-$ decay in the two-Higgs doublet model of type III. Progress of Theoretical and Experimental Physics, 2017, 2017, .	1.8	3

#	ARTICLE	IF	CITATIONS
670	Decay of a pseudoscalar into two photons. Journal of Physics: Conference Series, 2017, 912, 012040.	0.3	0
671	Higgs Boson Physics at CMS. EPJ Web of Conferences, 2017, 158, 01001.	0.1	0
672	Phenomenological prospects for two Higgs doublet models with controlled FCNC. Journal of Physics: Conference Series, 2017, 873, 012038.	0.3	0
673	Prospects for 2HDM charged Higgs searches. Journal of Physics: Conference Series, 2017, 873, 012048.	0.3	4
674	Hadron collider searches for diboson resonances. Progress in Particle and Nuclear Physics, 2018, 100, 211-261.	5.6	10
675	Large $h \rightarrow b\bar{b}s$ in generic two-Higgs-doublet models. Physical Review D, 2018, 97, .	1.6	24
676	Current status of top-specific variant axion model. Physical Review D, 2018, 97, .	1.6	9
677	Probing leptogenesis. International Journal of Modern Physics A, 2018, 33, 1842005.	0.5	69
678	Search strategies for pair production of heavy Higgs bosons decaying invisibly at the LHC. Nuclear Physics B, 2018, 929, 171-192.	0.9	7
679	Search for additional heavy neutral Higgs and gauge bosons in the ditau final state produced in 36 fb ⁻¹ of pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	116
680	Lepton CP violation in a $h \rightarrow b\bar{b}s$ with flavor. Physical Review D, 2018, 97, .	1.6	3
681	Weak dipole moments of the tau lepton in models with an extended scalar sector. Physical Review D, 2018, 97, .	1.6	3
682	N -loop running should be combined with N -loop matching. Physical Review D, 2018, 97, .	1.6	15
683	Search for resonant and nonresonant Higgs boson pair production in the $b\bar{b}\ell\bar{\ell}$ final state in proton-proton collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	36
684	Two Higgs doublet dark matter portal. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 015-015.	1.9	25
685	Higgs data does not rule out a sequential fourth generation with an extended scalar sector. Physical Review D, 2018, 97, .	1.6	16
686	A call for new physics: The muon anomalous magnetic moment and lepton flavor violation. Physics Reports, 2018, 731, 1-82.	10.3	350
687	Search for diboson resonances with boson-tagged jets in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 91-113.	1.6	35

#	ARTICLE	IF	CITATIONS
688	Search for heavy ZZ resonances in the $e^+e^- \rightarrow \mu^+\mu^- \gamma \gamma$ final states using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 293.	1.4	101
689	Higgs production at future e^+e^- colliders in the Georgi-Machacek model. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
690	Precision calculations for $h \rightarrow WW/Z \gamma \gamma$ 4 fermions in the Two-Higgs-Doublet Model with Prophecy4f. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
691	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb^{-1} of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
692	Search for heavy resonances decaying into WW in the $e^+e^- \rightarrow \mu^+\mu^- \gamma \gamma$ final state in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2018, 78, 24.	1.4	108
693	CP-violating top quark couplings at future linear e^+e^- colliders. European Physical Journal C, 2018, 78, 1.	1.4	15
694	CP4 miracle: shaping Yukawa sector with CP symmetry of order four. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
695	The C2HDM revisited. Journal of High Energy Physics, 2018, 2018, 1.	1.6	42
696	Constraining scalar resonances with top-quark pair production at the LHC. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
697	Heavy charged scalars from W fusion: a generic search strategy applied to a 3HDM with $U(1) \times U(1)$ family symmetry. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
698	The CP-violating 2HDM in light of a strong first order electroweak phase transition and implications for Higgs pair production. Journal of High Energy Physics, 2018, 2018, 1.	1.6	58
699	Let there be light from a second light Higgs doublet. Journal of High Energy Physics, 2018, 2018, 1.	1.6	38
700	Lepton mixing and the charged-lepton mass ratios. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
701	Collider constraints on light pseudoscalars. Journal of High Energy Physics, 2018, 2018, 1.	1.6	35
702	Large Higgs-electron Yukawa coupling in 2HDM. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
703	Hierarchical fermions and detectable $Z \rightarrow \mu\mu$ from effective two-Higgs-triplet 3-3-1 model. Physical Review D, 2018, 97, .	1.6	11
704	Three-Higgs-doublet model under A_4 symmetry implies alignment. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
705	CP -violation in the two Higgs doublet model: From the LHC to EDMs. Physical Review D, 2018, 97, .	1.6	16

#	ARTICLE	IF	CITATIONS
706	Discovery prospects of a light Higgs boson at the LHC in type-I 2HDM. Physical Review D, 2018, 97, .	1.6	2
707	Dark matter and electroweak phase transition in the mixed scalar dark matter model. Physical Review D, 2018, 97, .	1.6	8
708	WIMP dark matter candidates and searchesâ€™ current status and future prospects. Reports on Progress in Physics, 2018, 81, 066201.	8.1	339
709	The lepton flavor violating exclusive $b \rightarrow s \tau^+ \tau^-$, $b \rightarrow s \tau^+ \tau^-$, $b \rightarrow s \tau^+ \tau^-$ decays in SUSY without R-parity. Nuclear Physics B, 2018, 930, 69-90.	0.9	3
710	CP Sensitive Observables of a Hypothetical Heavy Spin-0 Particle with the Dominant Photonâ€™ Photon Interaction. Physics of Atomic Nuclei, 2018, 81, 758-765.	0.1	2
711	Update of the global electroweak fit and constraints on two-Higgs-doublet models. European Physical Journal C, 2018, 78, 1.	1.4	253
712	On three-loop RGE for the Higgs sector of 2HDM. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
713	Exploring extended scalar sectors with di-Higgs signals: a Higgs EFT perspective. Journal of High Energy Physics, 2018, 2018, 1.	1.6	26
714	A concrete composite 2-Higgs doublet model. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
715	The muon $g - 2$ for low-mass pseudoscalar Higgs in the general 2HDM. EPJ Web of Conferences, 2018, 179, 01022.	0.1	0
716	Consistency of a gauged two-Higgs-doublet model: Scalar sector. Physical Review D, 2018, 98, .	1.6	10
717	Top quark polarization as a probe of charged Higgs bosons. Physical Review D, 2018, 98, .	1.6	7
718	Probing heavy charged Higgs boson at the LHC. Physical Review D, 2018, 98, .	1.6	6
719	Simplified Dark Matter Models. Advances in High Energy Physics, 2018, 2018, 1-13.	0.5	12
720	Measuring the triple Higgs self-couplings in two Higgs doublet model. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
721	Searching for lepton flavor violating flavon decays at hadron colliders. Physical Review D, 2018, 98, .	1.6	7
722	Charged Higgs boson contribution to $B \rightarrow q \tau^+ \tau^-$ decays. Physical Review D, 2018, 98, .	1.6	13
723	Asymptotically safe Pati-Salam theory. Physical Review D, 2018, 98, .	1.6	26

#	ARTICLE	IF	CITATIONS
724	Light charged Higgs boson with dominant decay to quarks and its search at the LHC and future colliders. <i>Physical Review D</i> , 2018, 98, .	1.6	16
725	2HDM portal for singlet-doublet dark matter. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	26
726	CP in the dark. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	12
727	Extended scalar sectors, effective operators and observed data. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	4
728	Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	9
729	Two Higgs doublets and a complex singlet: disentangling the decay topologies and associated phenomenology. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	16
730	Measurement of $Z \rightarrow b\bar{b}$, cross section and search for a Higgslike particle produced in association with b quarks at CDF. <i>EPJ Web of Conferences</i> , 2018, 182, 02081.	0.1	0
731	The new $\hat{1}/2$ MSM ($\hat{1}/2\hat{1}/2$ MSM): radiative neutrino masses, keV-scale dark matter and viable leptogenesis with sub-TeV new physics. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	38
732	Correlation of normal neutrino mass ordering with upper octant of $\hat{1}$, 23 and third quadrant of $\hat{1}$ via RGE-induced $\hat{1}/4 - \hat{1}$, symmetry breaking. <i>Chinese Physics C</i> , 2018, 42, 123108.	1.5	12
733	Search for Higgs boson pair production in the $\gamma\gamma WW^* \rightarrow \gamma\gamma WW^*$ channel using pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS detector. <i>European Physical Journal C</i> , 2018, 78, 1007.	1.4	53
734	Charged lepton flavor violating Higgs decays at future e^+e^- colliders. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	23
735	Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	11
736	Loop induced $H \rightarrow W^*Z$ decays in the aligned two-Higgs-doublet model. <i>Physical Review D</i> , 2018, 98, .	1.6	8
737	Search for neutral and charged BSM Higgs Bosons with the ATLAS detector. <i>EPJ Web of Conferences</i> , 2018, 182, 02020.	0.1	0
738	Searches for additional Higgs bosons at CMS. <i>Nuclear and Particle Physics Proceedings</i> , 2018, 300-302, 61-66.	0.2	0
739	$\hat{1}\mu \rightarrow \hat{1}\mu$ from charged-Higgs-induced gluonic dipole operators. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 787, 182-187.	1.5	14
740	Detecting a boosted diboson resonance. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	16
741	Running of fermion observables in non-supersymmetric SO(10) models. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	17

#	ARTICLE	IF	CITATIONS
742	Alignment limit in 2HDM: robustness put to test. Journal of High Energy Physics, 2018, 2018, 1.	1.6	3
743	Renormalization of mixing angles. Journal of High Energy Physics, 2018, 2018, 1.	1.6	40
744	Electroweak vacuum lifetime in two Higgs doublet models. Journal of High Energy Physics, 2018, 2018, 1.	1.6	19
745	The ultraviolet landscape of two-Higgs doublet models. European Physical Journal C, 2018, 78, 1020.	1.4	9
746	Signals of new gauge bosons in gauged two higgs doublet model. European Physical Journal C, 2018, 78, 1.	1.4	11
747	Nonperturbative Analysis of the Electroweak Phase Transition in the Two Higgs Doublet Model. Physical Review Letters, 2018, 121, 191802.	2.9	55
748	Non-Abelian strings and domain walls in two Higgs doublet models. Journal of High Energy Physics, 2018, 2018, 1.	1.6	26
749	$\mathcal{B}_{s^0 \rightarrow \{B\}_s^0}$, $\mathcal{B}_{s^0 \rightarrow \{B\}_d^0}$, $\mathcal{B}_{D^0 \rightarrow \{B\}_d^0}$ and $\mathcal{B}_{K^0 \rightarrow \{K\}_K^0}$ mixings in two-Higgs-doublet models with minimal flavor violation. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 125001.	1.4	0
750	Search for Resonant and Nonresonant Higgs Boson Pair Production in the $b\bar{b}$ Decay Channel in $\tilde{\chi}_1^0$. Physical Review Letters, 2018, 121, 191801.	2.9	70
751	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	26
752	Search for new phenomena in events with same-charge leptons and b-jets in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	30
753	vh@nnlo-v2: new physics in Higgs Strahlung. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
754	$\mathcal{R}_{D^{(*)}}$ and $\mathcal{R}_{K^{(*)}}$ and neutrino mass in the 2HDM-III with right-handed neutrinos. Journal of High Energy Physics, 2018, 2018, 1.	1.6	41
755	Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2018, 98, .	1.6	24
756	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
757	Confronting the fourth generation two-Higgs-doublet model with the phenomenology of heavy Higgs bosons. Physical Review D, 2018, 98, .	1.6	6
758	Majorana neutrino masses in the renormalization group equations for lepton flavor violation. Physical Review D, 2018, 98, .	1.6	19
759	Search for charged Higgs bosons decaying into top and bottom quarks at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	56

#	ARTICLE	IF	CITATIONS
760	Possibility of observing Higgs bosons at the ILC in the lepton-specific 2HDM. <i>Physical Review D</i> , 2018, 98, .	1.6	4
761	Analysis of Top Quark Pair Production Signal from Neutral 2HDM Higgs Bosons at LHC. <i>Advances in High Energy Physics</i> , 2018, 2018, 1-8.	0.5	0
762	Dynamical relaxation in 2HDM models. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018, 45, 035002.	1.4	6
763	Multi-Higgs models with C and P symmetries of increasingly high order. <i>Physical Review D</i> , 2018, 98, .	1.6	9
764	FCNC decays of the Higgs bosons in the BGL model. <i>Modern Physics Letters A</i> , 2018, 33, 1850152.	0.5	4
765	Singlet scalar and 2HDM extensions of the Standard Model: CP-violation and constraints from $(g \hat{\alpha}^2)^{1/4}$ and eEDM. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	17
766	Muon $g - 2$ in the 2HDM: Maximum results and detailed phenomenology. <i>Physical Review D</i> , 2018, 98, .	1.6	17
767	Can measurements of 2HDM parameters provide hints for high scale supersymmetry?. <i>Physical Review D</i> , 2018, 97, .	1.6	3
768	Electroweak phase transitions in multi-Higgs models: the case of Trinitification-inspired THDSM. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 014-014.	1.9	13
769	Charged Higgs pair production in association with the Z0 boson at electron-positron colliders. <i>Physical Review D</i> , 2018, 98, .	1.6	0
770	Supersymmetry versus Compositeness: 2HDMs tell the story. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 786, 189-194.	1.5	9
771	Combination of searches for heavy resonances decaying into bosonic and leptonic final states using 36 fb ⁻¹ of proton-proton collision data at $\sqrt{s}=13$ TeV with the ATLAS experiment. <i>Physical Review D</i> , 2018, 98, .	1.6	59
772	Search for charged Higgs bosons decaying via $H_{\pm} \rightarrow \tau^{\pm} \bar{\nu}_{\tau}$, in the τ^{\pm} +jets and τ^{\pm} +lepton final states with 36 fb ⁻¹ of pp collision data recorded at $\sqrt{s}=13$ TeV with the ATLAS experiment. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	59
773	Radion-Higgs mixing in 2HDMs. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	1
774	Search for dark matter produced in association with a Higgs boson decaying to $\tau^{\pm} \tau^{\mp}$ or $\tau^{\pm} \nu_{\tau}$ at $\sqrt{s}=13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	12
775	Flavor conservation in two-Higgs-doublet models. <i>Physical Review D</i> , 2018, 98, .	1.6	23
776	2HDM without FCNC: off the beaten tracks. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	4
777	Constraints from Heavy Higgs Boson Masses in the two Higgs Doublet Model. <i>Journal of the Korean Physical Society</i> , 2018, 73, 289-296.	0.3	0

#	ARTICLE	IF	CITATIONS
778	LHC search of new Higgs boson via resonant di-Higgs production with decays into 4W. Journal of High Energy Physics, 2018, 2018, 1.	1.6	18
779	Search for Heavy Higgs Bosons in Fermionic Decay Channels with CMS. International Journal of Modern Physics Conference Series, 2018, 46, 1860058.	0.7	0
780	A new insight into the phase transition in the early Universe with two Higgs doublets. Journal of High Energy Physics, 2018, 2018, 1.	1.6	57
781	SM Higgs boson and $t\bar{t}cZ$ decays in the 2HDM type III with CP violation. Physical Review D, 2018, 98, .	1.6	8
782	Reconstructing heavy Higgs boson masses in a type X two-Higgs-doublet model with a light pseudoscalar particle. Physical Review D, 2018, 98, .	1.6	14
783	Capability of future linear colliders to discover heavy neutral CP-even and CP-odd Higgs bosons within type-I 2HDM. Journal of Physics G: Nuclear and Particle Physics, 2018, 45, 095005.	1.4	3
784	An almost elementary Higgs: theory and practice. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
785	Search for beyond the standard model Higgs bosons decaying into a $\overline{b}b$ pair in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
786	Effects of heavy neutrinos on vacuum stability in two-Higgs-doublet model with GUT scale supersymmetry. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
787	tests of Higgs couplings in $C\bar{P}$ $t\bar{t}$ semileptonic events at the LHC. Physical Review D, 2018, 98, .	1.6	14
788	Gauge dependence of tadpole and mass renormalization for a seesaw extended 2HDM. Physical Review D, 2018, 98, .	1.6	5
789	New light Higgs boson and short-baseline neutrino anomalies. Physical Review D, 2018, 97, .	1.6	25
790	Signal to background interference in $pp\rightarrow t\bar{t}W\bar{b}b$ at the LHC Run II. Physical Review D, 2018, 97, .	1.6	5
791	Impacts of multi-Higgs on the $\tilde{\tau}$ parameter, decays of a neutral Higgs to WW and ZZ, and a charged Higgs to WZ. International Journal of Modern Physics A, 2018, 33, 1850152.	0.5	2
792	Searches for Dark Matter via Mono- W Production in Inert Doublet Model at the LHC. Communications in Theoretical Physics, 2018, 69, 617.	1.1	14
793	Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two b quarks and two \tilde{l} , leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 462-488.	1.5	43
794	Constraints on two Higgs doublet models from domain walls. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 785, 447-453.	1.5	27
795	Update of global Two-Higgs-Doublet model fits. Journal of High Energy Physics, 2018, 2018, 1.	1.6	55

#	ARTICLE	IF	CITATIONS
796	Impact of Cosmological and Astrophysical Constraints on Dark Matter Simplified Models. <i>Frontiers in Astronomy and Space Sciences</i> , 2018, 5, .	1.1	10
797	Future prospects of mass-degenerate Higgs bosons in the CP -conserving two-Higgs-doublet model. <i>Physical Review D</i> , 2018, 97, .	1.6	9
798	Probing a light sterile neutrino through heavy charged Higgs boson decays at the LHC. <i>Physical Review D</i> , 2018, 98, .	1.6	2
799	Lepton masses and mixing in a two-Higgs-doublet model. <i>Physical Review D</i> , 2018, 98, .	1.6	7
800	Analysis of b quark pair production signal from neutral 2HDM Higgs bosons at future linear colliders. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	6
801	Pseudoscalar mediators: a WIMP model at the neutrino floor. <i>Journal of Cosmology and Astroparticle Physics</i> , 2018, 2018, 042-042.	1.9	55
802	Universal properties of pseudoscalar mediators in dark matter extensions of 2HDMs. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	18
803	Symmetry constrained two Higgs doublet models. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	10
804	Spontaneous C -violation in the simplest little Higgs model and its future collider tests: The scalar sector. <i>Physical Review D</i> , 2018, 97, .	1.6	5
805	Gauge and Yukawa coupling beta functions of two-Higgs-doublet models to three-loop order. <i>Physical Review D</i> , 2018, 97, .	1.6	21
806	Probing new charged scalars with neutrino trident production. <i>Physical Review D</i> , 2018, 97, .	1.6	8
807	Search for Higgs boson pair production in events with two bottom quarks and two tau leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018, 778, 101-127.	1.5	55
808	Phenomenology of 2HDM with vectorlike quarks. <i>Physical Review D</i> , 2018, 97, .	1.6	10
809	The QCD corrections of the process $h \rightarrow b\bar{b}$. <i>Modern Physics Letters A</i> , 2018, 33, 1830008.	0.5	0
810	Comprehensive asymmetric dark matter model. <i>Physical Review D</i> , 2018, 97, .	1.6	19
811	pA and the wrong-sign limit of the two-Higgs-doublet model. <i>Physical Review D</i> , 2018, 97, .	1.6	19
812	Seeking heavy Higgs bosons through cascade decays. <i>Physical Review D</i> , 2018, 97, .	1.6	4
813	Dark matter production in association with a single top-quark at the LHC in a two-Higgs-doublet model with a pseudoscalar mediator. <i>Physics of the Dark Universe</i> , 2018, 21, 8-15.	1.8	25

#	ARTICLE	IF	CITATIONS
814	Supersymmetric preons and the standard model. Nuclear Physics B, 2018, 931, 283-290.	0.9	7
815	New physics scale from Higgs observables with effective dimension-6 operators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 51-58.	1.5	13
816	Composite Higgs Models after Run 2. Advances in High Energy Physics, 2018, 2018, 1-8.	0.5	18
817	Search for singly charged Higgs bosons in vector-boson scattering at ep colliders. Physical Review D, 2018, 97, .	1.6	6
818	Searching for weak singlet charged scalar at the Large Hadron Collider. Physical Review D, 2018, 97, .	1.6	13
819	Simple standard model extension by heavy charged scalar. Physical Review D, 2018, 97, .	1.6	5
820	New experimental approaches in the search for axion-like particles. Progress in Particle and Nuclear Physics, 2018, 102, 89-159.	5.6	505
821	Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	37
822	Multi-photon production in the Type-I 2HDM. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
823	Status of the charged Higgs boson in two Higgs doublet models. European Physical Journal C, 2018, 78, 1.	1.4	120
824	Searches for heavy ZZ and ZW resonances in the $\tilde{a}, \tilde{a}, \tilde{q}\tilde{q}$ and $\tilde{\nu}\tilde{\nu}/2\tilde{q}\tilde{q}$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2018, 2018, 1.	1.6	29
825	CP violation in 2HDM and EFT: the ZZZ vertex. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
826	Higgs portals for thermal Dark Matter. EFT perspectives and the NMSSM. Journal of High Energy Physics, 2018, 2018, 1.	1.6	43
827	High scale impact in alignment and decoupling in two-Higgs-doublet models. Physical Review D, 2018, 97, .	1.6	21
828	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $\tilde{a}, \tilde{a}, \tilde{b}\tilde{b}$ final state in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 783, 392-414.	1.6	13
829	The neutral Higgs self-couplings in the (h)MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 74-80.	1.5	13
830	Triple top signal as a probe of charged Higgs in a 2HDM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 780, 603-607.	1.5	5
831	Decays $A\tilde{a}^{\pm}\tilde{Z}\tilde{\nu}^{\pm}$ and $\tilde{A}\tilde{a}^{\pm}\tilde{Z}\tilde{\nu}^{\pm}$ ($\tilde{\nu}=h, H$) in two-Higgs doublet models. Physical Review D, 2018, 97, .	1.6	1

#	ARTICLE	IF	CITATIONS
832	Higgs boson decay $\frac{h}{\Lambda^2} \rightarrow \gamma \gamma$ in the MSSM with gauged baryon and lepton number. Physical Review D, 2018, 97, .	1.6	2
833	Coherent $\nu_e \rightarrow \nu_\mu$ conversion at next-to-leading order. Physical Review C, 2018, 98, .	1.6	1
834	Seeking a CP -odd Higgs boson via $h \rightarrow c \bar{c}, b \bar{b}, \tau \bar{\tau}$. Physical Review D, 2018, 97, .	1.6	4
835	Lepton Flavor Violation Induced by a Neutral Scalar at Future Lepton Colliders. Physical Review Letters, 2018, 120, 221804.	2.9	39
836	Exploring collider aspects of a neutrinophilic Higgs doublet model in multilepton channels. Physical Review D, 2018, 97, .	1.6	5
837	Renormalization Group Invariance of the Pole Mass in the Multi-Higgs System. Journal of the Korean Physical Society, 2018, 72, 1287-1291.	0.3	0
838	Constraining extended scalar sectors at the LHC and beyond. Modern Physics Letters A, 2018, 33, 1830007.	0.5	67
839	Search for a massive resonance decaying to a pair of Higgs bosons in the four b quark final state in proton-proton collisions at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 781, 244-269.	1.5	33
840	N2HDECAY: Higgs boson decays in the different phases of the N2HDM. Computer Physics Communications, 2019, 234, 256-262.	3.0	31
841	Type I + II seesaw in a Two Higgs Doublet Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 797, 134813.	1.5	13
842	Constraints on mediator-based dark matter and scalar dark energy models using $\sqrt{s}=13$ TeV pp collision data collected by the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	49
843	TeV scale leptogenesis, inflaton dark matter, and neutrino mass in a scotogenic model. Physical Review D, 2019, 99, .	1.6	66
844	Pseudo-Dirac Higgsino dark matter in GUT scale supersymmetry. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
845	Beyond the Standard Model with sum rules. International Journal of Modern Physics A, 2019, 34, 1950122.	0.5	0
846	On two-loop corrections to the Higgs trilinear coupling in models with extended scalar sectors. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 38-46.	1.5	31
847	Search for the production of $W^{\pm} \tilde{A}^{\pm}$ events at $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 38-46.	1.6	10
848	Search for neutral Higgs bosons decaying to $b \bar{b}$ in the flipped 2HDM at future $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 38-46.	1.6	3
849	Search for neutral Higgs bosons decaying to $b \bar{b}$ in the flipped 2HDM at future $\sqrt{s}=13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 796, 38-46.	1.6	22

#	ARTICLE	IF	CITATIONS
850	Quartic coupling unification in the maximally symmetric 2HDM. Physical Review D, 2019, 99, .	1.6	16
851	Search for Higgs boson pair production in the $WW^{(*)}WW^{(*)}$ decay channel using ATLAS data recorded at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	21
852	Models with extended Higgs sectors at future e^+e^- colliders. Physical Review D, 2019, 99, .	1.6	12
853	Natural stabilization of the Higgs boson's mass and alignment. Physical Review D, 2019, 99, .	1.6	14
854	Light vectors coupled to bosonic currents. Physical Review D, 2019, 99, .	1.6	19
855	Decay $Z \rightarrow \tau^+\tau^-$ ($\tau \rightarrow h, H, A$) in the minimal supersymmetric standard model. Physical Review D, 2019, 99, .	1.6	0
856	Showcasing $H \rightarrow H$ production: Benchmarks for the LHC and HL-LHC. Physical Review D, 2019, 99, .	1.6	27
857	Pair production of Higgs bosons at the LHC in gauged 2HDM. Physical Review D, 2019, 99, .	1.6	10
858	New physics signature in $D^0 \rightarrow f$ effective width asymmetries. European Physical Journal C, 2019, 79, 1.	1.4	0
859	Some phenomenological aspects of the 3-3-1 model with the Cárcamo-Kovalenko-Schmidt mechanism. Physical Review D, 2019, 100, .	1.6	8
860	Electroweak production of multiple (pseudo)scalars in the 2HDM. European Physical Journal C, 2019, 79, 1.	1.4	5
861	No strong CP violation up to the one-loop level in a two-Higgs-doublet model. European Physical Journal C, 2019, 79, 1.	1.4	1
862	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 564.	1.4	50
863	Leptogenesis from oscillations and dark matter. European Physical Journal C, 2019, 79, 1.	1.4	11
864	$b \rightarrow s$, $b \rightarrow d$, $b \rightarrow u$ transitions in two-Higgs-doublet models. Journal of High Energy Physics, 2019, 2019, 1.	1.6	53
865	Search for scalar resonances decaying into W^+W^- in events with and without b-tagged jets produced in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	15
866	Is the radion a bulk Higgs doublet?. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 075004.	1.4	0
867	Beyond basis invariants. European Physical Journal C, 2019, 79, 1.	1.4	10

#	ARTICLE	IF	CITATIONS
868	On the validity of perturbative studies of the electroweak phase transition in the Two Higgs Doublet model. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	71
869	F(R) gravity in the early Universe: electroweak phase transition and chameleon mechanism *. <i>Chinese Physics C</i> , 2019, 43, 105101.	1.5	10
870	Vacuum induced CP violation generating a complex CKM matrix with controlled scalar FCNC. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	8
871	Constraints on a 2HDM with a singlet scalar and implications in the search for heavy bosons at the LHC. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2019, 46, 115001.	1.4	15
872	Novel theoretical constraints for color-octet scalar models. <i>Chinese Physics C</i> , 2019, 43, 093101.	1.5	10
873	Probing the charm Yukawa coupling at future e^+p and $e+e^+$ colliders. <i>Physical Review D</i> , 2019, 100, .	1.6	4
874	New physics implication of Higgs precision measurements. <i>International Journal of Modern Physics A</i> , 2019, 34, 1940012.	0.5	6
875	Hilbert series and plethystics: paving the path towards 2HDM- and MLRSM-EFT. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	18
876	Supersymmetry and the collider dark matter picture. <i>Modern Physics Letters A</i> , 2019, 34, 1930005.	0.5	1
877	Search for diboson resonances in hadronic final states in 139 fb^{-1} of pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	20
878	Symmetry and geometry in a generalized Higgs effective field theory: Finiteness of oblique corrections versus perturbative unitarity. <i>Physical Review D</i> , 2019, 100, .	1.6	18
879	Higgs Lepton Flavor Violating Decays in Two Higgs Doublet Models. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	19
880	Identification of boosted Higgs bosons decaying into b-quark pairs with the ATLAS detector at 13 TeV . <i>European Physical Journal C</i> , 2019, 79, .	1.4	21
881	Pseudo-Nambu-Goldstone dark matter and two-Higgs-doublet models. <i>Physical Review D</i> , 2019, 100, .	1.6	21
882	Alignment limit in three Higgs-doublet models. <i>Physical Review D</i> , 2019, 100, .	1.6	18
883	Charged Higgs bosons in naturally aligned two-Higgs-doublet models at the LHC. <i>Physical Review D</i> , 2019, 100, .	1.6	3
884	Planck scale origin of nonzero $\langle m_{\tilde{L}} \rangle$ and super-WIMP dark matter. <i>Physical Review D</i> , 2019, 100, .	1.6	3
885	Doubly blind spots in scalar dark matter models. <i>Physical Review D</i> , 2019, 100, .	1.6	4

#	Search for a Light Charged Higgs Boson Decaying to a W Boson and a C Boson and a P Boson in Final States with Phenomenology of Minimal Composite Double Higgs Model. Journal of Physics: Conference Series, 2019, 1204, 012029.	IF	CITATIONS
886	Search for a Light Charged Higgs Boson Decaying to a W Boson and a C Boson and a P Boson in Final States with Phenomenology of Minimal Composite Double Higgs Model. Journal of Physics: Conference Series, 2019, 1204, 012029.	2.9	21
887	Search for a Light Charged Higgs Boson Decaying to a W Boson and a C Boson and a P Boson in Final States with Phenomenology of Minimal Composite Double Higgs Model. Journal of Physics: Conference Series, 2019, 1204, 012029.	0.3	0
888	High scale boundary conditions in models with two Higgs doublets. Physical Review D, 2019, 100, .	1.6	6
889	Safe trinification. Physical Review D, 2019, 99, .	1.6	16
890	Electroweak baryogenesis via bottom transport. Physical Review D, 2019, 99, .	1.6	24
891	Asymptotic safety and conformal standard model. Physical Review D, 2019, 99, .	1.6	18
892	Search for charged Higgs bosons in the $H \rightarrow \tau^+ \tau^- \tau^+ \tau^-$ decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	54
893	Light charged Higgs boson production at the Large Hadron electron Collider. Physical Review D, 2019, 99, .	1.6	6
894	Dominant production of heavier Higgs bosons through vector boson fusion in the NMSSM. Physical Review D, 2019, 99, .	1.6	7
895	R-symmetry for Higgs alignment without decoupling. European Physical Journal C, 2019, 79, 1.	1.4	12
896	Analysis of fine-tuning measures in models with extended Higgs sectors. Nuclear Physics B, 2019, 946, 114695.	0.9	2
897	LHC signals of a heavy doublet Higgs as dark matter portal: cut-based approach and improvement with gradient boosting and neural networks. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
898	Almost inert Higgs bosons at the LHC. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
899	Consistency of gauged two Higgs doublet model: gauge sector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
900	Anomaly-free model building with algebraic geometry. Physical Review D, 2019, 100, .	1.6	9
901	Improved unitarity constraints in Two-Higgs-Doublet-Models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 788, 206-212.	1.5	13
902	The experimental status of direct searches for exotic physics beyond the standard model at the Large Hadron Collider. Reviews in Physics, 2019, 4, 100027.	4.4	34
903	Search for neutral Higgs bosons within type-I 2HDM at future linear colliders. European Physical Journal C, 2019, 79, 1.	1.4	5

#	ARTICLE	IF	CITATIONS
904	Predicting Alignment in a Two Higgs Doublet Model. Proceedings (mdpi), 2019, 13, 2.	0.2	2
905	Neutrino masses in a two Higgs doublet model with a U(1) gauge symmetry. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
906	2HDME: Two-Higgs-Doublet Model Evolver. Computer Physics Communications, 2019, 244, 409-426.	3.0	11
907	Search for a low-mass \tilde{t}_1 resonance in association with a bottom quark in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	9
908	The NMSSM is within reach of the LHC: mass correlations & decay signatures. Journal of High Energy Physics, 2019, 2019, 1.	1.6	22
909	Collider bounds on 2-Higgs doublet models with U(1) gauge symmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 150-160.	1.5	14
910	Higgs physics: It ain't over till it is over. Physics Reports, 2019, 816, 1-85.	10.3	41
911	Double Higgs boson production at $\sqrt{s} = 13$ TeV hadron colliders in the two-Higgs-doublet model. Physical Review D, 2019, 99, .		
912	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
913	Angles on CP-violation in Higgs boson interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 372-379.	1.5	27
914	A variant two-Higgs doublet model with a new Abelian gauge symmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 795, 22-28.	1.5	2
915	Systematic construction of basis invariants in the 2HDM. Journal of High Energy Physics, 2019, 2019, 1.	1.6	21
916	Exotic Higgs decays in Type-II 2HDMs at the LHC and future 100 TeV hadron colliders. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
917	Search for Higgs boson pair production in the $\overline{b}W^*W$ decay mode at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	26
918	Constraining heavy neutral gauge boson Z' in the 3 - 3 - 1 models by weak charge data of Cesium and proton. Nuclear Physics B, 2019, 943, 114629.	0.9	13
919	Looking Inside Jets. Lecture Notes in Physics, 2019, , .	0.3	99
920	Electric dipole moment of Hg atom from P combination of Searches for Higgs Boson Pair Production in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 122, 121803.	1.6	24
921	Combination of Searches for Higgs Boson Pair Production in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 122, 121803.	2.9	102

#	ARTICLE	IF	CITATIONS
922	Charm-quark Yukawa coupling in \hat{c} production at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 793, 90-96.	1.5	7
923	Searching for dark matter with $t\bar{t}\hat{A}$ resonance. European Physical Journal C, 2019, 79, 1.	1.4	0
924	Pseudoscalar decays to gauge bosons at the LHC and at a future 100 TeV collider. Physical Review D, 2019, 99, .	1.6	3
925	A light complex scalar for the electron and muon anomalous magnetic moments. Journal of High Energy Physics, 2019, 2019, 1.	1.6	89
926	Interference effects in $t\bar{t}$ production at the LHC as a window on new physics. Journal of High Energy Physics, 2019, 2019, 1.	1.6	19
928	On the Higgs mass fine-tuning problem with multi-Higgs doublet models. International Journal of Modern Physics A, 2019, 34, 1950025.	0.5	7
929	Highlights from the Compact Muon Solenoid (CMS) Experiment. Universe, 2019, 5, 28.	0.9	1
930	Searching for a charged Higgs boson with both $H\hat{A}\pm W\hat{A}\pm Z$ and $H\hat{A}\pm tb$ couplings at the LHC. Journal of High Energy Physics, 2019, 2019, 1.	1.6	8
931	Flavor violating Higgs couplings in minimal flavor violation. Journal of High Energy Physics, 2019, 2019, 1.	1.6	3
932	Three-dimensional effective theories for the two Higgs doublet model at high temperature. Journal of High Energy Physics, 2019, 2019, 1.	1.6	31
933	$\hat{a}, 2$ breaking effects in 2-loop RG evolution of 2HDM. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
934	Enhanced di-Higgs production in the two Higgs doublet model. Journal of High Energy Physics, 2019, 2019, 1.	1.6	32
935	HDECAY: Twenty++ years after. Computer Physics Communications, 2019, 238, 214-231.	3.0	99
936	Symmetries and mass degeneracies in the scalar sector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	17
937	Probing low energy scalar leptoquarks by the leptonic W and Z couplings. Journal of High Energy Physics, 2019, 2019, 1.	1.6	55
938	Type-II 2HDM under the precision measurements at the Z-pole and a Higgs factory. Journal of High Energy Physics, 2019, 2019, 1.	1.6	30
939	Model-independent bounds on light pseudoscalars from rare B-meson decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 537-544.	1.5	43
940	BSMPT (Beyond the Standard Model Phase Transitions): A tool for the electroweak phase transition in extended Higgs sectors. Computer Physics Communications, 2019, 237, 62-85.	3.0	46

#	ARTICLE	IF	CITATIONS
941	Determination of the Pseudoscalar Decay Constant $\Gamma(\eta \rightarrow \pi\pi) = \frac{1}{2} \frac{g_{\eta\pi\pi}^2}{m_\eta} \left(\frac{1}{m_\pi^2} + \frac{1}{m_\pi'^2} \right)$ via $\sigma(\text{pp} \rightarrow \eta \rightarrow \pi\pi) = \frac{1}{s} \frac{1}{4} \frac{1}{m_\eta} \left(\frac{1}{m_\pi^2} + \frac{1}{m_\pi'^2} \right)$ Physical Review Letters, 2019, 122, 071802.	2.9	33
942	The degree of fine-tuning in our universe “and others. Physics Reports, 2019, 807, 1-111.	10.3	27
943	Brout “Englert” Higgs physics: From foundations to phenomenology. Progress in Particle and Nuclear Physics, 2019, 106, 132-209.	5.6	46
944	Search for pair production of Higgs bosons in the $\text{b}\overline{\text{b}}$ final state using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2019, 2019, 1.	1.6	55
945	Leptonic unitarity triangles: RGE running effects and $\hat{I}_{1/2}$, reflection symmetry breaking. Physical Review D, 2019, 99, .	1.6	6
946	$g_{\text{b}\overline{\text{b}}\text{H}} = \frac{1}{2} \frac{1}{m_{\text{H}}} \left(\frac{1}{m_{\text{b}}} + \frac{1}{m_{\text{b}'}} \right)$ in a $\sigma(\text{pp} \rightarrow \text{H} \rightarrow \text{b}\overline{\text{b}}) = \frac{1}{s} \frac{1}{4} \frac{1}{m_{\text{H}}} \left(\frac{1}{m_{\text{b}}} + \frac{1}{m_{\text{b}'}} \right)$ Ti ET0q1 1 0.784314 rBT /Overlock 10 Tf 50 522 Td (stretchy="false")	1.6	18
947	Further study of the global minimum constraint on the two-Higgs-doublet models: LHC searches for heavy Higgs bosons. Physical Review D, 2019, 99, .	1.6	5
948	Search for resonances decaying to a pair of Higgs bosons in the $\text{b}\overline{\text{b}}\text{H}\text{H}$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
949	Importance-based signal detection and parameter estimation with applications to new particle search. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 3247-3257.	0.9	0
950	Flavor Physics and Charged Particle. , 2019, , .		0
951	The Grimus “Neufeld Model with Flexible SUSY at One-Loop. Symmetry, 2019, 11, 1418.	1.1	0
952	Electroweak breaking and Higgs boson profile in the simplest linear seesaw model. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
953	Scalar leptoquark effects on $\text{B} \rightarrow \mu \nu$ decay. European Physical Journal C, 2019, 79, 1.	1.4	7
954	Fixing the number of non-sequential generations within the $SU(2)_L \times U(1)_Y$ gauge group. Modern Physics Letters A, 2019, 34, 1950292.	0.5	0
955	$\Gamma(\text{H} \rightarrow \text{W}\gamma) = \frac{1}{2} \frac{1}{m_{\text{H}}} \left(\frac{1}{m_{\text{W}}} + \frac{1}{m_{\text{W}'}} \right)$ decay of the elusive charged Higgs boson in the two-Higgs-doublet model with vectorlike fermions. Physical Review D, 2019, 100, .	1.6	14
956	The Multiple Point Principle and Extended Higgs Sectors. Frontiers in Physics, 2019, 7, .	1.0	6
957	Probing an additional bottom Yukawa coupling via $\text{b}\gamma\text{b}$ signature. Physical Review D, 2019, 100, .	1.6	7
958	Radiative corrections to triple Higgs coupling and electroweak phase transition: Beyond one-loop analysis. Physical Review D, 2019, 100, .	1.6	17

#	ARTICLE	IF	CITATIONS
959	Relating the Cabibbo angle to $\tan^2 \beta$ in a two Higgs-doublet model. <i>Physical Review D</i> , 2019, 100, .	1.6	4
960	Asymptotically safe clockwork mechanism. <i>Physical Review D</i> , 2019, 100, .	1.6	15
961	Sensitivity of future lepton colliders and low-energy experiments to charged lepton flavor violation from bileptons. <i>Physical Review D</i> , 2019, 100, .	1.6	8
962	Dirac neutrinos in the 2HDM with restrictive Abelian symmetries. <i>Physical Review D</i> , 2019, 100, .	1.6	8
963	Classification of anomaly-free 2HDMs with a gauged $U(1) \times U(1)$ symmetry. <i>Physical Review D</i> , 2019, 100, .	1.6	7
964	MSSM scenarios with a light CP-odd Higgs boson. <i>EPJ Web of Conferences</i> , 2019, 222, 04006.	0.1	1
965	Phenomenology of the partially aligned 2HDM with leptonic meson decays. <i>International Journal of Modern Physics A</i> , 2019, 34, 1950198.	0.5	1
966	Relic density of dark matter in the inert doublet model beyond leading order: The heavy mass case. <i>Physical Review D</i> , 2019, 100, .	1.6	23
967	Jet substructure at the Large Hadron Collider. <i>Reviews of Modern Physics</i> , 2019, 91, .	16.4	128
968	Generalized CP transformations in the three Higgs-doublet model. <i>Physical Review D</i> , 2019, 100, .	1.6	1
969	GUT Physics in the Era of the LHC. <i>Frontiers in Physics</i> , 2019, 7, .	1.0	35
970	Search for Higgs boson pair production in the $pp \rightarrow H^0 H^0$ final state in pp collision at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 790, 1-21.	1.5	40
971	Search for Higgs boson decays into a pair of light bosons in the $pp \rightarrow H^0 \gamma \gamma$ final state in pp collision at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 790, 1-21.	1.5	26
972	The S_3 symmetric model with a dark scalar. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 788, 185-191.	1.5	11
973	2HDECAY: A program for the calculation of electroweak one-loop corrections to Higgs decays in the Two-Higgs-Doublet Model including state-of-the-art QCD corrections. <i>Computer Physics Communications</i> , 2020, 246, 106852.	3.0	21
974	ewN2HDECAY: A program for the calculation of Electroweak one-loop corrections to Higgs decays in the Next-to-Minimal Two-Higgs-Doublet Model including state-of-the-art QCD corrections. <i>Computer Physics Communications</i> , 2020, 247, 106924.	3.0	4
975	FCNC-free multi-Higgs-doublet models from broken family symmetries. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020, 800, 135091.	1.5	7
976	Combined measurements of Higgs boson production and decay using up to 80 fb^{-1} of proton-proton collision data at $\sqrt{s} = 13$ TeV with the ATLAS detector. <i>Physical Review D</i> , 2020, 101, .	2.4	24

#	ARTICLE	IF	CITATIONS
977	Is Higgsium a possibility in 2HDMs?. Nuclear Physics B, 2020, 951, 114885.	0.9	1
978	Observability of 2HDM neutral Higgs bosons with different masses at future e^+e^- linear colliders. Nuclear Physics B, 2020, 951, 114903.	0.9	3
979	Enhanced $b \rightarrow c \bar{c} s$ production in the Ebanezay P2 final state in the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.5	19
980	Search for non-resonant Higgs boson pair production in the Ebanezay P2 final state in the ATLAS detector in pp collisions at $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 801, 135145.	1.5	13
981	Dark Matter through the Higgs portal. Physics Reports, 2020, 842, 1-180.	10.3	142
982	Combination of searches for Higgs boson pairs in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 800, 135103.	1.5	53
983	Mono-Higgs signature in the scotogenic model with Majorana dark matter. Physical Review D, 2020, 101, .	1.6	19
984	Electron and muon $g \hat{c}^2$ anomalies in general flavor conserving two-Higgs-doublet models. Physical Review D, 2020, 102, .	1.6	46
985	Exploring sizable triple Higgs couplings in the 2HDM. European Physical Journal C, 2020, 80, 1.	1.4	25
986	Hidden signals of new physics within the Yukawa couplings of the Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135799.	1.5	3
987	One-loop corrections to the $Z b \bar{c}$ vertex in models with scalar doublets and singlets. Nuclear Physics B, 2020, 958, 115131.	0.9	2
988	Dynamical Higgs field alignment in the NMSSM. Physical Review D, 2020, 101, .	1.6	5
989	Cornering Spontaneous CP Violation with Charged-Higgs-Boson Searches. Physical Review Letters, 2020, 125, 031801.	2.9	7
990	Probing electroweak baryogenesis induced by extra bottom Yukawa coupling via EDMs and collider signatures. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
991	Explaining $g \hat{c}^2$ anomalies in two Higgs doublet model with vector-like leptons. Journal of High Energy Physics, 2020, 2020, 1.	1.6	46
992	Relations between $b \rightarrow c \bar{c} s$ decay modes in scalar models. Journal of High Energy Physics, 2020, 2020, 1.	1.6	3
993	Search for a heavy pseudoscalar Higgs boson decaying into a 125 GeV Higgs boson and a Z boson in final states with two tau and two light leptons at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
994	Search for a light pseudoscalar Higgs boson in the boosted $b \rightarrow c \bar{c} s$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	23

#	ARTICLE	IF	CITATIONS
995	Double Higgs boson production and Higgs self-coupling extraction at CLIC. European Physical Journal C, 2020, 80, 1.	1.4	21
996	Characters and group invariant polynomials of (super)fields: road to $\mathcal{N}=4$ Lagrangian. European Physical Journal C, 2020, 80, 1.	1.4	23
997	Precise predictions for charged Higgs boson pair production in photon-photon collisions. Nuclear Physics B, 2020, 961, 115235.	0.9	7
998	Prophecy4f3.0: A Monte Carlo program for Higgs-boson decays into four-fermion final states in and beyond the Standard Model. Computer Physics Communications, 2020, 254, 107336.	3.0	19
999	Multicomponent dark matter in extended $U(1) \times B \times L$: neutrino mass and high scale validity. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 013-013.	1.9	19
1000	A systematic study of hidden sector dark matter: application to the gamma-ray and antiproton excesses. Journal of High Energy Physics, 2020, 2020, 1.	1.6	21
1001	Direct CP violation in $D^+ \rightarrow K^0 \pi^+$ decays as a probe for new physics. European Physical Journal C, 2020, 80, 1.	1.4	1
1002	Search for the $HH \rightarrow \gamma\gamma$ process via vector-boson fusion production using proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	17
1003	Search for charged Higgs bosons decaying into a top and a bottom quark in the all-jet final state of pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	41
1004	Search for Heavy Higgs Bosons Decaying into Two Tau Leptons with the ATLAS Detector Using $pp \rightarrow p\bar{p} + \text{Higgs} \rightarrow \tau\tau$ Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2020, 125, 051801.	2.9	97
1005	Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	37
1006	Higgs boson potential at colliders: Status and perspectives. Reviews in Physics, 2020, 5, 100045.	4.4	66
1007	Towards a UV model of kinetic mixing and portal matter. Physical Review D, 2020, 101, .	1.6	14
1008	Production of $t\bar{t}Z$ and $t\bar{t}H$ in 2HDM: Prospects for discovery at the LHC. Physical Review D, 2020, 101, .	1.6	11
1009	Two-Higgs-doublet models with a flavored Z symmetry. Physical Review D, 2020, 101, .	1.6	2
1010	Light charged Higgs boson with dominant decay to a charm quark and a bottom quark and its search at LEP2 and future colliders. Physical Review D, 2020, 101, .	1.6	11
1011	Charged Higgs boson discovery prospects. Physical Review D, 2020, 101, .	1.6	11
1012	S_3 -inspired three-Higgs-doublet models: A class with a complex vacuum. Physical Review D, 2020, 101, .	1.6	6

#	ARTICLE	IF	CITATIONS
1013	Leptogenesis and dark matter from a low scale seesaw mechanism. Physical Review D, 2020, 101, . Coming decade of \hat{h}	1.6	12
1014	Interplay in \hat{I}_\pm and $\hat{I}_\pm^{1/4}$	1.6	10
1015	Obtaining the sphaleron field configurations with gradient flow. Physical Review D, 2020, 101, .	1.6	4
1016	Precision unification and Higgsino dark matter in GUT scale supersymmetry. Physical Review D, 2020, 101, .	1.6	4
1017	FindBounce: Package for multi-field bounce actions. Computer Physics Communications, 2020, 256, 107480.	3.0	36
1018	Mapping \hat{p}_\pm and \hat{p}_\pm^2 current and future searches onto 2HDM parameter spaces. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135819.	1.5	2
1019	Vacuum stability and spontaneous violation of the lepton number at a low-energy scale in a model for light sterile neutrinos. Physical Review D, 2020, 102, .	1.6	3
1020	QCD corrections to $\{e^+e^-\} \rightarrow \{H^{\pm}\} \{W^{\mp}\}$ in Type-I THDM at electron positron colliders. Chinese Physics C, 2020, 44, 093101.	1.5	3
1021	Singlet-doublet fermionic dark matter and gravitational waves in a two-Higgs-doublet extension of the Standard Model. Physical Review D, 2020, 101, .	1.6	14
1022	Constraints on \hat{H}_\pm Parameter Space in 2HDM at $\sqrt{s}=8$ TeV and $\sqrt{s}=13$ TeV. International Journal of Theoretical Physics, 2020, 59, 3189-3205.	0.5	0
1023	Observable gravitational waves in minimal scotogenic model. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 046-046.	1.9	17
1024	On catalyzed vacuum decay around a radiating black hole and the crisis of the electroweak vacuum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	17
1025	Aligned CP-violating Higgs sector canceling the electric dipole moment. Journal of High Energy Physics, 2020, 2020, 1.	1.6	27
1026	Extending trinity to the scalar sector through discrete flavoured symmetries. European Physical Journal C, 2020, 80, 1.	1.4	3
1027	Search for physics beyond the standard model in events with jets and two same-sign or at least three charged leptons in proton-proton collisions at $\sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 752.	1.4	23
1028	Dynamical symmetry breaking and fermion mass hierarchy in the scale-invariant 3-3-1 model. Physical Review D, 2020, 102, .	1.6	5
1029	Resolving electron and muon $g-2$ within the 2HDM. Physical Review D, 2020, 101, .	1.6	72
1030	Spontaneous CP Violation and Scalar FCNC. Journal of Physics: Conference Series, 2020, 1586, 012014.	0.3	0

#	ARTICLE	IF	CITATIONS
1031	Implications of symmetries in the scalar sector. Journal of Physics: Conference Series, 2020, 1586, 012048.	0.3	1
1032	Probing the Higgs boson through Yukawa force. Nuclear Physics B, 2020, 961, 115261.	0.9	5
1033	UV completion of an axial, leptophobic, $Z\hat{A}^2$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135721.	1.5	2
1034	When $\tan\hat{A}^2$ meets all the mixing angles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 809, 135750.	1.5	11
1035	Heavy Higgs bosons at the LHC upgrade. Chinese Physics C, 2020, 44, 093103.	1.5	0
1036	Measurement of the top quark Yukawa coupling from $t\bar{A}^+$ kinematic distributions in the dilepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV.	1.6	10
1037	Electric dipole moment of the neutron in two-Higgs-doublet models with flavor changing couplings. Physical Review D, 2020, 102, .	1.6	1
1038	Gravitational waves from Pati-Salam dynamics. Physical Review D, 2020, 102, .	1.6	36
1039	Same-sign charged Higgs boson pair production in bosonic decay channels at the HL-LHC and HE-LHC. Physical Review D, 2020, 102, .	1.6	9
1040	Sensing Higgs boson cascade decays through memory. Physical Review D, 2020, 102, .	1.6	6
1041	Topological structure of a Nambu monopole in two-Higgs-doublet models: Fiber bundle, Dirac's quantization, and a dyon. Physical Review D, 2020, 102, .	1.6	12
1042	Sub-TeV $H\bar{H}$ Boson Production as Probe of Extra Top Yukawa Couplings. Physical Review Letters, 2020, 125, 221801.	2.9	19
1043	Shining light on the scotogenic model: interplay of colliders and cosmology. Journal of High Energy Physics, 2020, 2020, 1.	1.6	27
1044	Collapsing domain walls in the two-Higgs-doublet model and deep insights from the EDM. Journal of High Energy Physics, 2020, 2020, 1.	1.6	16
1045	Phenomenology of the new light Higgs bosons in Gildener-Weinberg models. Physical Review D, 2020, 101, .	1.6	7
1046	Suppression of the Higgs boson dimuon decay. Physical Review D, 2020, 101, .	1.6	5
1047	Extended Higgs sector of 2HDM with real singlet facing LHC data. European Physical Journal C, 2020, 80, 1.	1.4	10
1048	Search for resonant pair production of Higgs bosons in the $b\bar{b}Z$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV.	1.6	10

#	ARTICLE	IF	CITATIONS
1049	Search for heavy neutral Higgs bosons produced in association with b -quarks and decaying into b -quarks at $\sqrt{s}=13$ TeV. Physical Review D, 2020, 102, .	1.6	22
1050	Crossed two-Higgs-doublet models: Reduction of Yukawa parameters in the low-scale limit of left-right symmetry and other avatars. Physical Review D, 2020, 102, .	1.6	1
1051	Anomaly-free 2HDMs with a gauged Abelian symmetry and two generations of right-handed neutrinos. Physical Review D, 2020, 102, .	1.6	1
1052	Constraining the t - u flavor changing neutral Higgs coupling at the LHC. Physical Review D, 2020, 102, .	1.6	16
1053	Charged Higgs boson production via cb -fusion at the Large Hadron Collider. Physical Review D, 2020, 102, .	1.6	7
1054	Explaining the KOTO anomaly, and the MiniBooNE excess in an extended Higgs model with sterile neutrinos. Search for a light charged Higgs boson in the $pp \rightarrow H^{\pm} c$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2020, 102, .	1.6	57
1055	Search for a light charged Higgs boson in the $pp \rightarrow H^{\pm} c$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV. Physical Review D, 2020, 102, .	1.6	20
1056	Two-Higgs-doublet model with soft CP violation confronting electric dipole moments and colliders. Physical Review D, 2020, 102, .	1.6	24
1057	LHC sensitivity to singly charged scalars decaying into electrons and muons. Physical Review D, 2020, 102, .	1.6	3
1058	Search for a Dark Leptophilic Scalar in $e^+e^- \rightarrow e^+e^- \mu^+\mu^-$ Collisions. Physical Review Letters, 2020, 125, 181801.	1.6	2
1059	Dark CP violation through the Z portal. Physical Review D, 2020, 101, .	1.6	6
1060	Classifying accidental symmetries in multi-Higgs doublet models. Physical Review D, 2020, 101, .	1.6	23
1061	Complex scalar dark matter in the gauged two-Higgs-doublet model. Physical Review D, 2020, 101, .	1.6	10
1065	The Standard Model of Electroweak and Strong Interactions. , 2020, , 59-84.		0
1066	Weak Decays at Tree Level. , 2020, , 87-102.		0
1067	Weak Decays at Tree Level. , 2020, , 103-129.		0
1068	Short-Distance Structure of Weak Decays. , 2020, , 130-178.		0
1069	Effective Hamiltonians for FCNC Processes. , 2020, , 179-252.		0

#	ARTICLE	IF	CITATIONS
1070	Nonperturbative Methods in Weak Decays. , 2020, , 253-282.		0
1071	Particle-Antiparticle Mixing and CP Violation in the Standard Model. , 2020, , 283-328.		0
1072	Rare B and K Decays in the Standard Model. , 2020, , 329-387.		0
1073	$\hat{\mu}^2/\hat{\mu}$ in the Standard Model. , 2020, , 388-401.		0
1074	Charm Flavor Physics. , 2020, , 402-409.		0
1075	Status of Flavor Physics within the Standard Model. , 2020, , 410-414.		0
1076	First Steps beyond the Standard Model. , 2020, , 417-432.		0
1077	Standard Model Effective Field Theory. , 2020, , 433-465.		0
1078	Simplest Extensions of the SM. , 2020, , 466-532.		0
1079	Specific Models. , 2020, , 533-579.		0
1080	Beyond Quark Flavor Physics. , 2020, , 580-621.		0
1081	Grand Summary of New Physics Models. , 2020, , 622-627.		0
1082	Flavor Expedition to the Zeptouniverse. , 2020, , 628-640.		0
1083	Summary and Shopping List. , 2020, , 641-646.		0
1090	Fermion mass and mixing in the $U(1)_{B-L}$ extension of the standard model with D 4 symmetry. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 055007.	1.4	15
1091	CP violations in a predictive A4 symmetry model. Progress of Theoretical and Experimental Physics, 2020, 2020, .	1.8	4
1092	Search for new neutral Higgs bosons through the $\mathbb{H} \rightarrow \mathbb{Z} \rightarrow \ell\ell^+\ell\ell^-\overline{\mathbb{b}}\mathbb{b}$ process in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	27
1093	Basis-independent treatment of the complex 2HDM. Physical Review D, 2020, 101, .	1.6	17

#	ARTICLE	IF	CITATIONS
1094	Gravitational wave and collider signals in complex two-Higgs doublet model with dynamical C -violation at finite temperature. Physical Review D, 2020, 101, .	1.6	33
1095	Signatures of vector-like top partners decaying into new neutral scalar or pseudoscalar bosons. Journal of High Energy Physics, 2020, 2020, 1.	1.6	27
1096	Phenomenological study of neutrino mass, dark matter and baryogenesis within the framework of minimal extended seesaw. Journal of High Energy Physics, 2020, 2020, 1.	1.6	10
1097	Stability of neutral minima against charge breaking in the Higgs triplet model. Journal of High Energy Physics, 2020, 2020, 1.	1.6	6
1098	Discriminating between CP and family transformations in the bilinear space of the N-Higgs-doublet model. Physical Review D, 2020, 101, .	1.6	1
1099	Detecting gravitational waves from cosmological phase transitions with LISA: an update. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 024-024.	1.9	373
1100	Leading two-loop corrections to the Higgs boson self-couplings in models with extended scalar sectors. European Physical Journal C, 2020, 80, 1.	1.4	27
1101	Searching for heavy charged Higgs bosons through top quark polarization. International Journal of Modern Physics A, 2020, 35, 2041011.	0.5	4
1102	Electroweak phase transition in non-minimal Higgs sectors. Journal of High Energy Physics, 2020, 2020, 1.	1.6	25
1103	Di-Higgs boson peaks and top valleys: Interference effects in Higgs sector extensions. Physical Review D, 2020, 101, .	1.6	14
1104	Searching for a light Higgs boson via the Yukawa process at lepton colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135190.	1.5	13
1105	Enlarging the scope of resonant di-Higgs searches: hunting for Higgs-to-Higgs cascades in 4b final states at the LHC and future colliders. Journal of High Energy Physics, 2020, 2020, 1.	1.6	12
1106	Non-Abelian vector boson as FIMP dark matter. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 029-029.	1.9	24
1107	Spontaneously breaking non-Abelian gauge symmetry in non-Hermitian field theories. Physical Review D, 2020, 101, .	1.6	22
1108	Family Symmetries and Multi Higgs Doublet Models. Symmetry, 2020, 12, 156.	1.1	1
1109	Topological Nambu monopole in two Higgs doublet models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135220.	1.5	15
1110	General spin analysis from angular correlations in two-body decays. European Physical Journal Plus, 2020, 135, 1.	1.2	2
1111	Constraints on the parameter space in an inert doublet model with two active doublets. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4

#	ARTICLE	IF	CITATIONS
1112	Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	25
1113	Two component dark matter with inert Higgs doublet: neutrino mass, high scale validity and collider searches. Journal of High Energy Physics, 2020, 2020, 1.	1.6	31
1114	Probing multi-step electroweak phase transition with multi-peaked primordial gravitational waves spectra. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 036-036.	1.9	13
1115	Cancellation mechanism for the electron electric dipole moment connected with the baryon asymmetry of the Universe. Physical Review D, 2020, 101, .	1.6	31
1116	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
1117	Measurement of the top quark pair production cross section in dilepton final states containing one \bar{l} , lepton in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
1118	Observation of the semimuonic decay $D^0 \rightarrow \mu^+ \mu^- \bar{l} \nu_l$. Physical Review D, 2020, 101, .	1.6	15
1119	Probing new physics signals with symmetry-restored Yukawa textures. European Physical Journal C, 2020, 80, 1.	1.4	9
1120	Large Higgs quartic coupling and (A)DM from extended bosonic Technicolor. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 136004.	1.5	0
1121	Disentangling new physics effects on nonresonant Higgs boson pair production from gluon fusion. Physical Review D, 2021, 103, .	1.6	11
1122	Inflection-point inflation with axion dark matter in light of Trans-Planckian Censorship Conjecture. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 136001.	1.5	6
1124	EFT approach of inelastic dark matter for Xenon electron recoil detection. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 042-042.	1.9	14
1125	Asymmetries of C and P asymmetries of $B \rightarrow \bar{A}^+ X$. Physical Review D, 2021, 103, .	1.6	10
1127	Impact of LHC Higgs couplings measurements on bosonic decays of the neutral Higgs sector in the scNMSSM. Modern Physics Letters A, 2021, 36, 2150035.	0.5	3
1129	Electroweak baryogenesis by primordial black holes in Brans-Dicke modified gravity. Physical Review D, 2021, 103, .	1.6	7
1130	SEARCH FOR NEW HEAVY HIGGS BOSONS IN ATLAS AND CMS EXPERIMENTS AT LHC (MINI-REVIEW). Journal of Experimental and Theoretical Physics Letters, 2021, 113, 221-222.	0.0	2
1131	Possibility of Observing Charged Higgs in the Single Top Production Channel at LHC. International Journal of Theoretical Physics, 2021, 60, 92-105.	0.5	0
1132	Triply charged Higgs bosons at a 100 TeV pp collider. European Physical Journal C, 2021, 81, 1.	1.4	0

#	ARTICLE	IF	CITATIONS
1133	Power-aligned 2HDM: a correlative perspective on $(g \hat{v}^2)e, \hat{1}/4$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	38
1135	A private SUSY 4HDM with FCNC in the up-sector. Chinese Physics C, 2021, 45, 023118.	1.5	5
1136	$N \hat{e}^{-1}$ trinification from dimensional reduction of $N \hat{e}^{-1}$, 10D E8 over $SU(3)/U(1) \hat{A} - U(1) \hat{A} - Z3$ and its phenomenological consequences. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 813, 136031.	1.5	7
1137	Probing top changing neutral Higgs couplings at colliders. Modern Physics Letters A, 2021, 36, 2130006.	0.5	20
1138	New scenario for aligned Higgs couplings originated from the twisted custodial symmetry at high energies. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
1139	A fully basis invariant symmetry map of the 2HDM. Journal of High Energy Physics, 2021, 2021, 1.	1.6	0
1140	Scrutinizing vacuum stability in IDM with Type-III inverse seesaw. Journal of High Energy Physics, 2021, 2021, 1.	1.6	11
1141	Neutrino parameters in the Planck-scale lepton number breaking scenario with extended scalar sectors. Physical Review D, 2021, 103, .	1.6	0
1142	$B \hat{a}^L$ model based on Q4 symmetry for fermion spectrum with normal neutrino mass ordering. Modern Physics Letters A, 2021, 36, 2150047.	0.5	1
1143	Symmetries of the 2HDM: an invariant formulation and consequences. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5
1144	Emergent gravity as the eraser of anomalous gauge boson masses, and QFT-GR concord. General Relativity and Gravitation, 2021, 53, 1.	0.7	19
1145	Reconstruction and identification of $H \hat{a}^* WW^*$ with high transverse momentum in the full hadronic final state. Physical Review D, 2021, 103, .	1.6	1
1146	Search for New Heavy Higgs Bosons in the ATLAS and CMS Experiments at the LHC (Brief Review). JETP Letters, 2021, 113, 213-225.	0.4	0
1147	Precision Higgs couplings in neutral naturalness models: an effective field theory approach. Journal of High Energy Physics, 2021, 2021, 1.	1.6	0
1148	Anomaly-free leptophilic axionlike particle and its flavor violating tests. Physical Review D, 2021, 103, .	1.6	20
1149	Testing CP properties of extra Higgs states at the HL-LHC. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
1150	An Extension of the Standard Model with $\Delta\{54\}$ Symmetry for Quark Masses and Mixings. Physics of Atomic Nuclei, 2021, 84, 179-183.	0.1	1
1151	Prospects of gravitational waves in the minimal left-right symmetric model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	13

#	ARTICLE	IF	CITATIONS
1152	Emergent 2HDM in the Low-Skiba-Smith little Higgs model: Musings from flavor and electroweak physics. <i>Physical Review D</i> , 2021, 103, .	1.6	1
1153	Cosmological phase transitions: is effective field theory just a toy?. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	17
1154	Techni-Pati-Salam composite Higgs model. <i>Physical Review D</i> , 2021, 103, .	1.6	8
1155	Revisiting a generalized two-Higgs-doublet model in light of the muon anomaly and lepton flavor violating decays at the HL-LHC. <i>Physical Review D</i> , 2021, 103, .	1.6	12
1156	Detecting anomalies in vector boson scattering *. <i>Chinese Physics C</i> , 2021, 45, 073104.	1.5	2
1157	Quantum interference effects in Higgs boson pair-production beyond the standard model. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	3
1158	Same-Sign Dilepton Signature in the Inert Doublet Model *. <i>Chinese Physics C</i> , 2021, 45, 073114.	1.5	6
1159	Prospect and implications of $c\bar{c}g$ production at the LHC. <i>Physical Review D</i> , 2021, 103, .	1.6	5
1160	Exploring new physics contributions to CP violation in $\text{Au} \rightarrow K^-\pi^0 \text{Au}$. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	3
1161	Six-loop beta functions in general scalar theory. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	23
1162	Complementary searches of low mass non-Abelian vector dark matter, dark photon, and dark Z . <i>Physical Review D</i> , 2021, 103, .	1.6	7
1163	Entropy Production Due to Electroweak Phase Transition in the Framework of Two Higgs Doublet Model. <i>Physics</i> , 2021, 3, 275-289.	0.5	6
1164	Symmetry and decoupling in multi-Higgs boson models. <i>Physical Review D</i> , 2021, 103, .	1.6	7
1165	Strong first order electroweak phase transition in 2HDM confronting future Z & Higgs factories. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	20
1166	Revisit to the $b\bar{c} \rightarrow c\bar{b} \tau^+ \tau^-$ transition: In and beyond the SM. <i>Nuclear Physics B</i> , 2021, 965, 115354.	0.9	21
1167	Searching for GeV-scale Majorana Dark Matter: inter spem et metum. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	9
1168	Search for heavy resonances decaying into a pair of Z bosons in the $e^+e^- \rightarrow e^+e^- Z Z$ and $e^+e^- \rightarrow e^+e^- Z \gamma$ final states using 139 fb^{-1} of proton-proton collisions at $\sqrt{s} = 13, 14 \text{ TeV}$ with the ATLAS detector. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	40
1169	Extended Higgs boson sectors, effective field theory, and Higgs boson phenomenology. <i>Physical Review D</i> , 2021, 103, .	1.6	3

#	ARTICLE	IF	CITATIONS
1170	Probing loop effects in wrong-sign Yukawa coupling region of Type-II 2HDM. European Physical Journal C, 2021, 81, 1.	1.4	7
1171	Dark matter in the type Ib seesaw model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
1172	Flavor and CP-violating Higgs sector in two Higgs doublet models with $U(1)'$. Journal of the Korean Physical Society, 2021, 79, 138-159.	0.3	2
1173	Minimal inverse-seesaw mechanism with Abelian flavour symmetries. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5
1174	One-loop radiative corrections to $e+e \rightarrow \tau^+ \tau^- Z h_0/H_0 A_0$ in the Inert Higgs Doublet Model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
1175	Phase transition gravitational waves from pseudo-Nambu-Goldstone dark matter and two Higgs doublets. Journal of High Energy Physics, 2021, 2021, 1.	1.6	15
1176	Global fits in the Aligned Two-Higgs-Doublet model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	28
1177	Common origin of radiative neutrino mass, dark matter and leptogenesis in scotogenic Georgi-Machacek model. Nuclear Physics B, 2021, 966, 115394.	0.9	4
1178	Signature of the 2HDM at Higgs factories. Physical Review D, 2021, 103, .	1.6	10
1179	Discriminating the HTM and MLRSM models in collider studies via doubly charged Higgs boson pair production and the subsequent leptonic decays *. Chinese Physics C, 2021, 45, 073113.	1.5	8
1180	Search for a heavy Higgs boson decaying into a Z boson and another heavy Higgs boson in the $ell b \bar{b}$ and $ell W W$ final states in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	26
1181	Explaining electron and muon $g-2$ anomalies in an Aligned 2-Higgs Doublet Model with right-handed neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136216.	1.5	32
1182	A natural mechanism for approximate Higgs alignment in the 2HDM. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
1183	CP -violating Higgs boson ditau decays: Baryogenesis and Higgs factories. Physical Review D, 2021, 103, .	1.6	2
1184	A final word on FCNC-Baryogenesis from two Higgs doublets. SciPost Physics, 2021, 10, .	1.5	6
1185	Interplay of New Physics effects in $(g \hat{a} \sim 2) \hat{a}, "$ and $h \hat{a} \sim \hat{a}, "+\hat{a}, "\hat{a} \hat{a} \hat{a}$ lessons from SMEFT. Journal of High Energy Physics, 2021, 2021, 1.	1.6	23
1186	The forgotten channels: charged Higgs boson decays to a W^\pm and a non-SM-like Higgs boson. Journal of High Energy Physics, 2021, 2021, 1.	1.6	21
1187	Higgs alignment and the top quark. Physical Review D, 2021, 103, .	1.6	6

#	ARTICLE	IF	CITATIONS
1188	Renormalization of the C2HDM with FeynMaster 2. Journal of High Energy Physics, 2021, 2021, 1.	1.6	7
1189	EFT diagrammatica: UV roots of the CP-conserving SMEFT. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
1190	Exceptional regions of the 2HDM parameter space. Physical Review D, 2021, 103, .	1.6	5
1191	Top-Bottom Condensation Model: Symmetries and Spectrum of the Induced 2HDM. Symmetry, 2021, 13, 1130.	1.1	1
1192	Multi-Higgs boson production probes Higgs sector flavor. Physical Review D, 2021, 103, .	1.6	7
1193	Search for charged Higgs bosons decaying into a top quark and a bottom quark at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	46
1194	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.	1.9	24
1195	Leaks of CP violation in the real two-Higgs-doublet model. European Physical Journal C, 2021, 81, 1.	1.4	12
1196	Search for the charged lepton flavor violating decay $J \rightarrow \ell \nu \bar{\nu}$. Physical Review D, 2021, 103, .	1.6	12
1197	Probing the $SH^{\pm} W^{\pm} Z$ interaction at the high energy upgrade of the LHC. European Physical Journal C, 2021, 81, 1.	1.4	7
1198	Proper-time method for unequal masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 817, 136300.	1.5	8
1199	Constraining CP4 3HDM with Top Quark Decays. Universe, 2021, 7, 197.	0.9	7
1200	Kinematic corrections and reconstruction methods for neutral Higgs boson decay to $b\bar{b}\bar{A}$ in 2HDM type I at future lepton colliders. Physical Review D, 2021, 103, .	1.6	2
1201	DECAY WIDTH MODELING OF HIGGS BOSON WITHIN THDM MODEL. , 2021, , 11-13.		0
1202	Below-threshold CP-odd Higgs boson search via $A\bar{A}Z$ at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136342.	1.5	3
1203	Leptophilic bosons and muon $g-2$ at lepton colliders. Journal of High Energy Physics, 2021, 2021, 1.	1.6	11
1204	Investigation of charged Higgs boson in the bottom and top quark decay channel at the FCC-hh. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 818, 136375.	1.5	0
1205	The Higgs potential in 2HDM extended with a real triplet scalar: A roadmap. International Journal of Modern Physics A, 2021, 36, 2150131.	0.5	4

#	ARTICLE	IF	CITATIONS
1206	Fitting the Z vertex in the two-Higgs-doublet model and in the three-Higgs-doublet model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	1
1207	Standard Model prediction of the B_c lifetime. Journal of High Energy Physics, 2021, 2021, 1.	1.6	20
1208	Bounded-from-below conditions for $A_{4\text{-symmetric}}$ 3HDM. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 325401.	0.7	5
1209	The anomalous case of axion EFTs and massive chiral gauge fields. Journal of High Energy Physics, 2021, 2021, 1.	1.6	14
1210	The framework for a common origin of Δ_{CKM} and Δ_{PMNS} . European Physical Journal C, 2021, 81, 1.	1.4	3
1211	From Peccei Quinn symmetry to mass hierarchy problem. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 095002.	1.4	3
1212	Natural 2HDMs without FCNCs. Physical Review D, 2021, 104, .	1.6	2
1213	Shedding light on dark matter with recent muon ($g_{\hat{2}}$) and Higgs exotic decay measurements. Journal of High Energy Physics, 2021, 2021, 1.	1.6	4
1214	Implementing asymmetric dark matter and dark electroweak baryogenesis in a mirror two-Higgs-doublet model. Physical Review D, 2021, 104, .	1.6	9
1215	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at $\sqrt{s} = 13, \text{TeV}$. European Physical Journal C, 2021, 81, 723.	1.4	19
1216	Baryogenesis from the weak scale to the grand unification scale. Reviews of Modern Physics, 2021, 93, .	16.4	61
1217	Scalar-pseudoscalar pair production at the Large Hadron Collider at NLO+NLL accuracy in QCD *. Chinese Physics C, 2021, 45, 123102.	1.5	1
1218	Challenges for an axion explanation of the muon $g_{\hat{2}}$ measurement. Journal of High Energy Physics, 2021, 2021, 1.	1.6	25
1219	Heavy Higgs bosons in 2HDM at a muon collider. Physical Review D, 2021, 104, .	1.6	28
1220	C -violating inflation and its cosmological imprints. Physical Review D, 2021, 104, .	1.6	3
1221	Complementary probe of dark matter blind spots by lepton colliders and gravitational waves. Physical Review D, 2021, 104, .	1.6	5
1222	Probing the C -violating structure of the top quark Yukawa coupling: Loop sensitivity versus on-shell sensitivity. Physical Review D, 2021, 104, .	1.6	10
1223	Muon $g_{\hat{2}}$ in a two-Higgs-doublet model with a type-II seesaw mechanism. Physical Review D, 2021, 104, .	1.6	13

#	ARTICLE	IF	CITATIONS
1224	Portal Effective Theories. A framework for the model independent description of light hidden sector interactions. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
1225	New approach to electroweak symmetry nonrestoration. Physical Review D, 2021, 104, .	1.6	14
1226	Charged lepton flavor violation in light of the muon magnetic moment anomaly and colliders. European Physical Journal C, 2021, 81, 1.	1.4	15
1227	Two-Higgs doublet solution to the LSND, MiniBooNE and muon $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mi} \rangle \text{g} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ anomalies. Physical Review D, 2021, 104, .	1.6	28
1228	Decays of Higgs bosons in the Standard Model and beyond. Progress in Particle and Nuclear Physics, 2021, 120, 103880.	5.6	6
1229	Exploring the low η region of two Higgs doublet models at the LHC. European Physical Journal C, 2021, 81, 1.	1.4	2
1230	Top-philic heavy resonances in four-top final states and their EFT interpretation. Journal of High Energy Physics, 2021, 2021, 1.	1.6	11
1231	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"> \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{g} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{a} \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1}$ beyond: An updated view. Physical Review D, 2021, 104, .	1.6	18
1232	Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector. European Physical Journal C, 2021, 81, 1.	1.4	9
1233	Searches for dark matter via charged Higgs pair production in the Inert Doublet Model at a $\hat{1}^3$ collider *. Chinese Physics C, 2021, 45, 103101.	1.5	1
1234	How does Clifford algebra show the way to the second quantized fermions with unified spins, charges and families, and with vector and scalar gauge fields beyond the standard model. Progress in Particle and Nuclear Physics, 2021, 121, 103890.	5.6	2
1235	Electroweak baryogenesis via bottom transport: Complementarity between LHC and future lepton collider probes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 822, 136695.	1.5	5
1236	BSMPT v2 a tool for the electroweak phase transition and the baryon asymmetry of the universe in extended Higgs Sectors. Computer Physics Communications, 2021, 269, 108124.	3.0	24
1237	Simulations of domain walls in Two Higgs Doublet Models. Journal of High Energy Physics, 2021, 2021, 1.	1.6	2
1238	Z3 symmetric inert (2+1)-Higgs-doublet model. Physical Review D, 2021, 103, .	1.6	11
1239	Inert doublet as multicomponent dark matter. Nuclear Physics B, 2021, 962, 115276.	0.9	12
1240	Comparative studies of 2HDMs under the Higgs boson precision measurements. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
1241	Beyond Standard Model Higgs Boson Physics at the CMS Experiment. Springer Proceedings in Physics, 2016, , 653-659.	0.1	2

#	ARTICLE	IF	CITATIONS
1242	Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2020, 2020, 1.	1.6	26
1243	Higgs Quark Flavor Violation: Simplified Models and Status of General Two-Higgs-Doublet Model. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
1244	Generalized blind spots for dark matter direct detection in the 2HDM. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
1245	Search for heavy resonances decaying into a W or Z boson and a Higgs boson in final states with leptons and b-jets in 36 fb^{-1} of ($\sqrt{s}=13$) TeV pp collisions with the ATLAS detector. , 2018, 2018, 1.		1
1246	2HDM neutral scalars under the LHC. Journal of High Energy Physics, 2020, 2020, 1.	1.6	30
1247	Dynamics of Nambu monopole in two Higgs doublet models. Cosmological Monopole Collider. Journal of High Energy Physics, 2020, 2020, 1.	1.6	16
1248	A singular way to search for heavy resonances in missing energy events. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
1249	Type-I 2HDM under the Higgs and electroweak precision measurements. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
1250	Vacuum stability in inert higgs doublet model with right-handed neutrinos. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
1251	Vector boson fusion at multi-TeV muon colliders. Journal of High Energy Physics, 2020, 2020, 1.	1.6	71
1253	Search for $\overline{t}t$ resonances in fully hadronic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
1254	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
1255	Reconstruction and identification of boosted $d\bar{t}$ systems in a search for Higgs boson pairs using 13 TeV proton-proton collision data in ATLAS. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
1256	Maximally symmetric two Higgs doublet model with natural standard model alignment. , 2014, 2014, 1.		1
1257	Electron EDM and muon anomalous magnetic moment in two-Higgs-doublet models. Journal of High Energy Physics, 2019, 2019, 1.	1.6	25
1258	Radiative seesaw corrections and charged-lepton decays in a model with soft flavour violation. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
1259	Understanding the MiniBooNE and the muon and electron $g_{\hat{a}^2}$ anomalies with a light $Z_{\hat{a}^2}$ and a second Higgs doublet. Journal of High Energy Physics, 2020, 2020, 1.	1.6	34
1261	Exploring the 2HDM with Global Fits in GAMBIT. EPJ Web of Conferences, 2020, 245, 06022.	0.1	3

#	ARTICLE	IF	CITATIONS
1262	Right-handed neutrino dark matter, neutrino masses, and non-standard cosmology in a 2HDM. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 030-030.	1.9	9
1263	Constraints on anomalous quartic gauge couplings via $W\tilde{\chi}_{jj}$ production at the LHC *. Chinese Physics C, 2020, 44, 123105.	1.5	17
1264	An Inert Scalar In The S_3 Symmetric Model.. Journal of Physics: Conference Series, 2020, 1586, 012025.	0.3	2
1265	Towards recognizing the light facet of the Higgs boson. Machine Learning: Science and Technology, 2020, 1, 045025.	2.4	5
1266	Search for resonances decaying into a weak vector boson and a Higgs boson in the fully hadronic final state produced in $pp \rightarrow \gamma^* \rightarrow \mu^+ \mu^- \rightarrow \mu^+ \mu^- + \text{hadrons}$ collisions at $\sqrt{s} = 13$ TeV. Physical Review D, 2020, 102, .	1.6	14
1267	Muon anomalous magnetic moment in two-Higgs-doublet models with vectorlike leptons. Physical Review D, 2020, 102, .	1.6	25
1268	Implications of a light charged Higgs boson at the LHC run III in the 2HDM. Physical Review D, 2020, 102, .	1.6	7
1269	The Nambu Sum Rule in the Composite Two Higgs Doublet Model. Physics of Particles and Nuclei Letters, 2020, 17, 296-302.	0.1	3
1270	Vacuum stability of asymptotically safe two Higgs doublet models. European Physical Journal C, 2019, 79, 1.	1.4	5
1271	Limits on the charged Higgs parameters in the two Higgs doublet model using CMS $\sqrt{s} = 13$ TeV results. European Physical Journal C, 2019, 79, 1.	1.4	28
1272	Echoes of 2HDM inflation at the collider experiments. European Physical Journal C, 2020, 80, 1.	1.4	5
1273	Search for heavy diboson resonances in semileptonic final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector. European Physical Journal C, 2020, 80, 1.	1.4	29
1274	HiggsBounds-5: testing Higgs sectors in the LHC 13 TeV Era. European Physical Journal C, 2020, 80, 1.	1.4	138
1275	Towards Higgs masses and decay widths satisfying the symmetries in the (N)MSSM. European Physical Journal C, 2020, 80, 1.	1.4	10
1276	Fingerprinting the contribution of colored scalars to the $H^+ W^- Z(\gamma)$ vertex. European Physical Journal C, 2020, 80, 1.	1.4	2
1277	Freeze-in Dirac neutrino genesis: thermal leptonic CP asymmetry. European Physical Journal C, 2020, 80, 1.	1.4	8
1278	Top condensation model: a step towards the correct prediction of the Higgs mass. European Physical Journal C, 2020, 80, 1.	1.4	2
1279	HEPfit: a code for the combination of indirect and direct constraints on high energy physics models. European Physical Journal C, 2020, 80, 1.	1.4	75

#	ARTICLE	IF	CITATIONS
1280	SMART $U(1)_X$: standard model with axion, right handed neutrinos, two Higgs doublets and $U(1)_X$ gauge symmetry. European Physical Journal C, 2020, 80, 1.	1.4	7
1281	Extended Scalar Sectors. Annual Review of Nuclear and Particle Science, 2020, 70, 197-223.	3.5	6
1282	Gravitational wave probes of dark matter: challenges and opportunities. SciPost Physics Core, 2020, 3, .	0.9	52
1286	Jets and photons spectroscopy of Higgs-ALP interactions. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
1287	Exploring multi-Higgs models with softly broken large discrete symmetry groups. European Physical Journal C, 2021, 81, 1.	1.4	6
1288	Leptophilic-portal dark matter in the light of AMS-02 positron excess. Physical Review D, 2021, 104, .	1.6	7
1289	TeV scale resonant leptogenesis with $L_{1/4} \hat{L}_i$, gauge symmetry in light of the muon g_{μ}^2 . Physical Review D, 2021, 104, .	1.6	17
1290	Photon interactions with superconducting topological defects. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136730.	1.5	4
1291	Sensitivity to triple Higgs couplings via di-Higgs production in the 2HDM at e^+e^- colliders. European Physical Journal C, 2021, 81, 1.	1.4	6
1292	Phenomenology of a fake Inert Doublet Model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
1293	Probing extended scalar sectors with precision $e^+e^- \rightarrow \gamma^* \rightarrow Z h$ and Higgs diphoton studies. Journal of High Energy Physics, 2021, 2021, 1.	1.6	2
1294	Scalar and gauge sectors in the 3-Higgs Doublet Model under the S_3 symmetry. European Physical Journal C, 2021, 81, 1.	1.4	4
1295	Prospects for light charged scalars in a three-Higgs-doublet model with Z symmetry. Physical Review D, 2021, 104, .	1.6	9
1296	New discovery modes for a light charged Higgs boson at the LHC. Journal of High Energy Physics, 2021, 2021, 1.	1.6	13
1297	Axion-neutrino interplay in a gauged two-Higgs-doublet model. Physical Review D, 2021, 104, .	1.6	2
1298	Bottom-Up Approach. , 2013, , 15-46.		2
1299	Top-Quark and Neutrino Condensation. Springer Theses, 2014, , 29-57.	0.0	0
1300	On the vacuum stability of SUSY models. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
1303	Masses of Physical Scalars in Two Higgs Doublet Models. Springer Proceedings in Physics, 2016, , 605-609.	0.1	0
1304	Diboson Resonances. Springer Tracts in Modern Physics, 2016, , 85-97.	0.1	0
1305	ATLAS Higgs physics prospects at the high luminosity LHC. , 2016, , .		0
1306	Searches for heavy Higgs bosons decaying to light Higgs bosons with a mass of 125 GeV. , 2016, , .		0
1307	Dark Matter + Higgs($\hat{t} \rightarrow b \bar{b}$), $Z \rightarrow H$ Simplified Model. Springer Theses, 2017, , 55-65.	0.0	0
1308	Dark Matter + Higgs($\hat{t} \rightarrow b \bar{b}$): Results. Springer Theses, 2017, , 157-174.	0.0	0
1309	High Mass neutral / MSSM Higgs searches from CMS. , 2016, , .		0
1310	Search for a Higgs boson decaying to a pair of 125 GeV Higgs bosons (hh) or for a Higgs boson decaying to Zh, with tau leptons in the final state. , 2016, , .		0
1311	Searches for Beyond SM Higgs Bosons. , 2016, , .		0
1312	Search for low mass Higgs-boson like resonances at CMS. , 2016, , .		0
1313	Future Searches on Scalar Boson(s). Progress in Mathematical Physics, 2017, , 65-83.	0.4	0
1314	Rare Top Decay $t \rightarrow c \gamma$ in General THDM-III. Journal of Quantum Information Science, 2017, 07, 57-66.	0.2	0
1315	Comparison Between Theory and Experiment and Future Perspectives. Springer Tracts in Modern Physics, 2017, , 609-681.	0.1	0
1316	Study of the di-lepton final state with missing transverse momentum with the ATLAS detector. , 2017, , .		0
1317	Physics Beyond the Standard Model. Springer Theses, 2018, , 17-37.	0.0	0
1319	New Procedure for Delineating the Mass of a Higgs Boson, While Interpolating Properties of the Scalar Singlet Dark Matter Model. Journal of High Energy Physics Gravitation and Cosmology, 2018, 04, 96-122.	0.3	2
1320	Space-Time Properties as Quantum Effects. Restrictions Imposed by Grothendieck's Scheme Theory. Journal of Modern Physics, 2019, 10, 795-823.	0.3	0
1321	Searches and Measurements with Jet Substructure. Lecture Notes in Physics, 2019, , 165-181.	0.3	0

#	ARTICLE	IF	CITATIONS
1322	A Two-Higgs-Doublet Model without Flavor-Changing Neutral Currents at Tree-Level. Journal of Modern Physics, 2019, 10, 35-42.	0.3	2
1323	Searches for BSM Higgs bosons in fermionic decays in ATLAS. , 2019, , .		0
1324	Probing the Light Sterile Neutrino Through the Heavy Charged Higgs Decay at the LHC. , 2019, , .		0
1325	Searches for charged Higgs bosons at CMS. , 2019, , .		0
1326	Detecting Heavy Charged Higgs boson at the LHC. , 2019, , .		0
1327	Multiple point principle in the general Two-Higgs-Doublet model. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
1328	The CP-symmetries of the 2HDM. Journal of Physics: Conference Series, 2020, 1586, 012046.	0.3	0
1329	Reconciling Higgs physics and pseudo-Nambu-Goldstone dark matter in the S2HDM using a genetic algorithm. Journal of High Energy Physics, 2021, 2021, 1.	1.6	21
1330	On new physics contributions to the Higgs decay to $Z\tilde{\nu}^3$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	3
1331	Domain wall constraints on two-Higgs-doublet models with $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace; font-size: 0.8em;">\langle \text{mml:msub} \langle \text{mml:mi} \rangle Z \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle \text{symmetry. Physical Review D. 2020, 102, .$	1.6	12
1332	Masses of two Higgs doublets within effective theory with four-quark interactions. Journal of Physics: Conference Series, 2020, 1690, 012075.	0.3	0
1333	Electroweak stability and discovery luminosities for new physics. European Physical Journal C, 2020, 80, 1.	1.4	4
1334	Gauge Parameter Independence of the Higgs Pole Masses in the Multi-Higgs Model. Journal of the Korean Physical Society, 2020, 77, 6-9.	0.3	1
1335	Mass hierarchy from the flavor symmetry in supersymmetric multi-Higgs doublet model. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
1336	A more natural composite Higgs model. Journal of High Energy Physics, 2020, 2020, 1.	1.6	5
1337	Search for SU(2) V singlet Higgs boson in the Georgi-Machacek model at the LHC. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 125005.	1.4	0
1338	Type-I thermal leptogenesis in Z_3 -symmetric three Higgs doublet model. European Physical Journal C, 2020, 80, 1.	1.4	2
1339	Yukawa coupling unification in non-supersymmetric SO(10) models with an intermediate scale. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136788.	1.5	1

#	ARTICLE	IF	CITATIONS
1340	An exceptional $G(2)$ extension of the Standard Model from the correspondence with Cayley–Dickson algebras automorphism groups. <i>Scientific Reports</i> , 2021, 11, 22528.	1.6	7
1341	Search for heavy resonances decaying into a pair of Z bosons using 139 fb ⁻¹ of p-p collisions at $s = 13$ TeV with the ATLAS detector. <i>International Journal of Modern Physics A</i> , 0, , .	0.5	0
1342	Exploration of Extended Higgs Sectors with Run-2 Proton–Proton Collision Data at the LHC. <i>Symmetry</i> , 2021, 13, 2144.	1.1	3
1343	Feebly-interacting particles: FIPs 2020 workshop report. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	130
1344	Proper-time evaluation of the effective action: Unequal masses in the loop. <i>Physical Review D</i> , 2021, 104, .	1.6	6
1345	Twin Pati-Salam theory of flavour with a TeV scale vector leptoquark. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	12
1346	Type-X two-Higgs-doublet model in light of the muon $g-2$: Confronting Higgs boson and collider data. <i>Physical Review D</i> , 2021, 104, .	1.6	22
1347	A Sub-GeV Low Mass Hidden Dark Sector of $SU(2)_H \times U(1)_X$. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	4
1348	Revisiting the role of CP-conserving processes in cosmological particle–antiparticle asymmetries. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	2
1349	A three Higgs doublet model with symmetry-suppressed flavour changing neutral currents. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	8
1350	Weak scale as a trigger. <i>Physical Review D</i> , 2021, 104, .	1.6	23
1351	Current bounds on the type-Z three-Higgs-doublet model. <i>Physical Review D</i> , 2021, 104, .	1.6	7
1352	Fermionic singlet dark matter in one-loop solutions to the R_K anomaly: a systematic study. <i>European Physical Journal C</i> , 2021, 81, .	1.4	4
1355	Electroweak phase transitions with BSM fermions. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	1
1356	Collider signatures of vector-like fermions from a flavor symmetric model. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	5
1357	Dark matter in three-Higgs-doublet models with S_3 symmetry. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	6
1358	Tera- Z stage at future colliders and light composite axionlike particles. <i>Physical Review D</i> , 2022, 105, .	1.6	5
1359	Searches for Resonant Scalar Boson Pair Production Using Run 2 LHC Proton-Proton Collision Data. <i>Symmetry</i> , 2022, 14, 260.	1.1	5

#	ARTICLE	IF	CITATIONS
1360	Particle Dark Matter Density and Entropy Production in the Early Universe. <i>Symmetry</i> , 2022, 14, 271.	1.1	1
1361	Likelihood analysis of the flavour anomalies and $g_{\mu\mu}^{\prime 2}$ in the general two Higgs doublet model. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	13
1362	Polarization measurement for the dileptonic channel of W^+W^- scattering using generative adversarial network. <i>Physical Review D</i> , 2022, 105, .	1.6	1
1363	The R^2 -Higgs inflation with two Higgs doublets. <i>European Physical Journal C</i> , 2022, 82, 1. Search for Higgs boson decays into a pair of pseudoscalar particles in the final state with the ATLAS detector in $b\bar{b}$ collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , 2022, 105, .	1.4	8
1364	final state with the ATLAS detector in $p\bar{p}$ collisions at $\sqrt{s}=13$ TeV. <i>Physical Review D</i> , 2022, 105, .	1.6	17
1365	Low-energy phenomena of the lepton sector in an A_4 symmetry model with heavy inverse seesaw neutrinos. <i>Progress of Theoretical and Experimental Physics</i> , 2022, 2022, .	1.8	5
1366	Electroweak legacy of the LHC run II. <i>Physical Review D</i> , 2022, 105, .	1.6	25
1367	Exploring new possibilities to discover a light pseudo-scalar at LHCb. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	10
1368	Charged lepton EDM with extra Yukawa couplings. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	8
1370	On the Impact of the LHC Run 2 Data on General Composite Higgs Scenarios. <i>Advances in High Energy Physics</i> , 2022, 2022, 1-13.	0.5	2
1371	Higgs alignment and novel C - P -violating observables in two-Higgs-doublet models. <i>Physical Review D</i> , 2022, 105, .	1.6	8
1372	Unleashing the full power of LHCb to probe stealth new physics. <i>Reports on Progress in Physics</i> , 2022, 85, 024201.	8.1	20
1373	Charged lepton flavor violation in light of muon $g-2$. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	10
1374	Probing new physics at future tau neutrino telescopes. <i>Journal of Cosmology and Astroparticle Physics</i> , 2022, 2022, 038.	1.9	15
1375	High-Precision Calculations of the Higgs Boson Mass. <i>Particles</i> , 2022, 5, 53-73.	0.5	5
1376	Effects of new heavy fermions on complex scalar dark matter phenomenology in gauged two Higgs doublet model. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	1
1377	Looking beyond the Standard Model with Third Generation Quarks at the LHC. <i>Symmetry</i> , 2022, 14, 444.	1.1	3
1378	Stable Z-strings with topological polarization in two Higgs doublet model. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	8

#	ARTICLE	IF	CITATIONS
1379	ScannerS: parameter scans in extended scalar sectors. European Physical Journal C, 2022, 82, 1.	1.4	28
1380	Two-loop prediction of the anomalous magnetic moment of the muon in the Two-Higgs Doublet Model with GM2Calc 2. European Physical Journal C, 2022, 82, 1.	1.4	6
1381	General one-loop formulas for Γ_{far} and its applications. European Physical Journal C, 2022, 82, 1.	1.4	3
1382	Charged and C -violating kink solutions in the two-Higgs-doublet model. Physical Review D, 2022, 105, .	1.6	1
1383	Neutrino masses and magnetic moments of electron and muon in the Zee Model. Journal of High Energy Physics, 2022, 2022, 1.	1.6	12
1384	Zee model with quasidegenerate neutrino masses and where to find it. European Physical Journal C, 2022, 82, .	1.4	1
1385	Charged Lepton Flavor Violation at the High-Energy Colliders: Neutrino Mass Relevant Particles. Universe, 2022, 8, 164.	0.9	0
1386	Two-body lepton-flavour-violating decays in a 2HDM with soft family-lepton-number breaking. Journal of High Energy Physics, 2022, 2022, 1.	1.6	2
1387	The one-loop impact of a dependent mass: the role of m_3 in the C2HDM. Journal of High Energy Physics, 2022, 2022, 1.	1.6	0
1388	Inverse seesaw and $(\hat{g}^{-1})^2$ anomalies in $B\hat{L}$ extended two Higgs doublet model. Nuclear Physics B, 2022, 976, 115716.	0.9	12
1389	The 28 GeV dimuon excess in lepton specific THDM. Nuclear Physics B, 2022, 977, 115728.	0.9	2
1390	Search for associated production of a Z boson with an invisibly decaying Higgs boson or dark matter candidates at $\sqrt{s} = 13$ TeV with the ATLAS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137066.	1.5	8
1391	Vector boson scattering processes: Status and prospects. Reviews in Physics, 2022, 8, 100071.	4.4	8
1392	Optical effects of domain walls. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 829, 137044.	1.5	0
1393	Search for dark matter produced in association with a Standard Model Higgs boson decaying into b-quarks using the full Run 2 dataset from the ATLAS detector. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
1394	Spontaneously stabilised dark matter from a fermiophobic $U(1)$ gauge symmetry. Journal of High Energy Physics, 2021, 2021, 1.	1.6	2
1395	Collider Searches for Dark Matter through the Higgs Lens. Symmetry, 2021, 13, 2406.	1.1	16
1396	New Light H^{\pm} Discovery Channels at the LHC. Symmetry, 2021, 13, 2319.	1.1	4

#	ARTICLE	IF	CITATIONS
1397	The THDMa Revisited. <i>Symmetry</i> , 2021, 13, 2341.	1.1	9
1398	Generalized 2HDM with wrong-sign lepton-Yukawa coupling, in light of g_{μ}^{-2} and lepton flavor violation at the future LHC. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	9
1399	Maximally symmetric three-Higgs-doublet model. <i>Physical Review D</i> , 2021, 104, .	1.6	13
1400	GeV-scale inelastic dark matter with dark photon mediator via direct detection and cosmological and laboratory constraints. <i>Physical Review D</i> , 2021, 104, .	1.6	7
1401	Light vector dark matter with scalar mediator and muon $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">g \hat{a}^2 \rangle$ anomaly. <i>Physical Review D</i> , 2021, 104, .	1.6	6
1402	Analysis of $W_{\pm} + 4\hat{1}^3$ in the 2HDM Type-I at the LHC. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	7
1403	Off diagonal charged scalar couplings with the Z boson: Zee-type models as an example. <i>European Physical Journal C</i> , 2021, 81, 1.	1.4	2
1404	Prospects for $\{B\}_c^{+} \hat{1}, +\hat{1}/2\hat{1}$, at FCC-ee. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	1.6	5
1405	Probing quark-lepton unification with leptoquark and Higgs boson decays. <i>Physical Review D</i> , 2022, 105, .	1.6	3
1406	Revisiting jet clustering algorithms for new Higgs Boson searches in hadronic final states. <i>European Physical Journal C</i> , 2022, 82, .	1.4	1
1407	W + charm production with massive c quarks in PowHel. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	1.6	6
1408	Prospects of CKM elements $ V_{cs} $ and decay constant $f_{D_s^+}$ in $D_s^+ \rightarrow \mu^+ \nu_{\mu}$ decay at STCF. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	1
1409	CP Violation for the Heavens and the Earth. <i>Universe</i> , 2022, 8, 234.	0.9	0
1410	Computer Modeling of Decay Width and Production Cross Sections for Beyond SM Particles. <i>Physics of Particles and Nuclei</i> , 2022, 53, 589-594.	0.2	0
1411	Cornering the Two Higgs Doublet Model Type II. <i>Journal of High Energy Physics</i> , 2022, 2022, .	1.6	21
1412	Loop-induced $h \hat{1}^3, Z\hat{1}^3, gg$ decays in 3-Higgs doublet models. <i>International Journal of Modern Physics A</i> , 2022, 37, .	0.5	0
1413	Softly-broken A_4 or S_4 3HDMs with stable states. <i>European Physical Journal C</i> , 2022, 82, 1.	1.4	5
1414	Parameter dependence and analysis of the 2HDM neutral Higgs boson pair production and decay at future lepton colliders. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2022, 830, 137153.	1.5	1

#	ARTICLE	IF	CITATIONS
1415	Leptogenesis in type Ib seesaw models. Physical Review D, 2022, 105, .	1.6	1
1416	Search for heavy resonances decaying to a pair of Lorentz-boosted Higgs bosons in final states with leptons and a bottom quark pair at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	1.6	2
1417	Search for resonant pair production of Higgs bosons in the $b\bar{b}$ final state using $b\bar{b}A^{\pm}$. Journal of High Energy Physics, 2022, 2022, .	1.6	10
1418	Same sign tripleton as signature of charged Higgs in two Higgs doublet model. Journal of High Energy Physics, 2022, 2022, 1.	1.6	10
1419	Revival of $H \rightarrow b\bar{b}A^{\pm}$ interpretation of R_D and R_{D^*} . Journal of High Energy Physics, 2022, 2022, .	1.6	14
1420	Roads for right-handed neutrino dark matter: Fast expansion, standard freeze-out, and early matter domination. Physical Review D, 2022, 105, .	1.6	9
1421	Scalar field dark matter with two components: Combined approach from particle physics and cosmology. Physical Review D, 2022, 105, .	1.6	5
1422	Muon electric dipole moment as a probe of flavor-diagonal CP violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 831, 137194.	1.5	4
1423	The hidden side of scalar-triplet models with spontaneous CP violation. Journal of High Energy Physics, 2022, 2022, .	1.6	3
1424	Comprehensive study of the light charged Higgs boson in the type-I two-Higgs-doublet model. Physical Review D, 2022, 105, .	1.6	15
1425	Electroweak phase transition in the 2HDM: Collider and gravitational wave complementarity. Physical Review D, 2022, 105, .	1.6	13
1426	Decay of the charged Higgs boson and the top quark in two-Higgs-doublet model at NNLO in QCD. Journal of High Energy Physics, 2022, 2022, .	1.6	1
1427	A Short Overview on Low Mass Scalars at Future Lepton Colliders. Universe, 2022, 8, 286.	0.9	4
1428	Charged Higgs observability via charged Higgs pair production at future lepton collider. European Physical Journal Plus, 2022, 137, .	1.2	0
1429	Compatibility of muon $g-2$, W mass anomaly in type-X 2HDM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137220.	1.5	24
1430	LHC data interpretation within the 2HDM type II via a new analysis toolkit. Physical Review D, 2022, 105, .	1.6	4
1431	Searches for new phenomena in final states with 3 rd generation quarks using the ATLAS detector. International Journal of Modern Physics A, 0, .	0.5	0
1432	Lepton Polarization Asymmetry in $B^*_{s,d} \rightarrow \ell^+ \ell^- \gamma$ with new $Z\ell\ell$ Couplings. International Journal of Theoretical Physics, 2022, 61, .	0.5	1

#	ARTICLE	IF	CITATIONS
1433	Triple Higgs couplings in the 2HDM: the complete picture. European Physical Journal C, 2022, 82, .	1.4	12
1434	Seesaw mechanism in the R-parity violating supersymmetric standard model with the gauged flavor $U(1)_{X'}$ symmetry. Progress of Theoretical and Experimental Physics, 0, , .	1.8	0
1435	Slight excess at 130 GeV in search for a charged Higgs boson decaying to a charm quark and a bottom quark at the Large Hadron Collider. Journal of Physics G: Nuclear and Particle Physics, 2022, 49, 085004.	1.4	3
1436	Pseudo-Goldstone dark matter model with CP violation. Journal of High Energy Physics, 2022, 2022, .	1.6	2
1437	The 2HDM doppelganger. European Physical Journal C, 2022, 82, .	1.4	1
1438	Massive gauge particles versus Goldstone bosons in non-Hermitian non-Abelian gauge theory. European Physical Journal Plus, 2022, 137, .	1.2	9
1439	Prescription for τ -finite oblique parameters S and U in extensions of the SM with $m_{W'} \gg m_{Z'}$. Journal of Physics G: Nuclear and Particle Physics, 0, , .	1.4	3
1440	A 2HDM for the $g-2$ and dark matter. Nuclear Physics B, 2022, , 115882.	0.9	8
1441	Dirac dark matter, dark radiation, and the type-II seesaw mechanism in alternative $U(1)_{X'}$ models. Physical Review D, 2022, 105, .	1.6	2
1442	Light Charged Higgs Search with Deviation Neural Networks. International Journal of Modern Physics A, 0, , .	0.5	0
1443	Custodial symmetry, the Georgi-Machacek model, and other scalar extensions. Physical Review D, 2022, 105, .	1.6	5
1444	Explaining the 96 GeV Di-photon anomaly in a generic 2HDM Type-III. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 832, 137245.	1.5	5
1445	Introduction to Charged Lepton Flavor Violation. Universe, 2022, 8, 299.	0.9	5
1446	Vector boson scattering from the lattice. Physical Review D, 2022, 105, .	1.6	5
1447	New physics effects on the W-boson mass from a doublet extension of the SM Higgs sector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137295.	1.5	44
1448	Testing exotic scalars with HiggsBounds. European Physical Journal C, 2022, 82, .	1.4	10
1449	Analysis of Direct and Indirect Detection of Fermionic Dark Matter of 6-Dimensional Effective Field Theory. International Journal of Geometric Methods in Modern Physics, 0, , .	0.8	0
1450	Two-Higgs-doublet models in light of current experiments: a brief review. Communications in Theoretical Physics, 2022, 74, 097202.	1.1	13

#	ARTICLE	IF	CITATIONS
1451	Impact of the CDF W -mass anomaly on two Higgs doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 833, 137274.	1.5	35
1452	Search for the radiative penguin decays $B \rightarrow K^* S \gamma$ in the Belle experiment. Physical Review D, 2022, 106, .	1.6	0
1453	Investigating top-Higgs FCNC couplings at the FCC-hh. Nuclear Physics B, 2022, , 115908.	0.9	1
1454	Decoding dark matter at future e^+e^- colliders. Physical Review D, 2022, 106, .	1.6	0
1455	Yukawa alignment revisited in the Higgs basis. Physical Review D, 2022, 106, .	1.6	1
1456	Laser-assisted charged Higgs boson decay in Two Higgs Doublet Model - type II. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, , 137339.	1.5	2
1458	Searching for Charged Higgs Bosons via $e^+e^- \rightarrow H^+H^-$ at Linear Colliders. Journal of High Energy Physics, 2022, 2022, .	1.6	0
1459	Dark Sector searches with jets. SciPost Physics Proceedings, 2022, , .	0.2	0
1460	Electroweak renormalization based on gauge-invariant vacuum expectation values of non-linear Higgs representations. Part II. Extended Higgs sectors. Journal of High Energy Physics, 2022, 2022, .	1.6	5
1461	Searches for Heavy Resonances with Substructure. Annual Review of Nuclear and Particle Science, 2022, 72, 447-475.	3.5	1
1462	Implication of the dark axion portal for the EDM of fermions and dark matter probing with $NA \rightarrow NA \gamma$, $NA \rightarrow NA \gamma \gamma$, LDMX, $NA \rightarrow NA \gamma \gamma$. Physical Review D, 2022, 106, .	1.6	11
1463	Flavor-changing neutral currents in the Higgs sector. Modern Physics Letters A, 2022, 37, .	0.5	3
1464	Explaining excesses in four-leptons at the LHC with a double peak from a CP violating Two Higgs Doublet Model. Journal of High Energy Physics, 2022, 2022, .	1.6	3
1465	W boson mass shift and muon magnetic moment in the Zee model. Physical Review D, 2022, 106, .	1.6	29
1466	Decay of a Polarized Chargino (Neutralino) Into a Polarized Neutralino and a Gauge Boson. Russian Physics Journal, 0, , .	0.2	0
1467	Fermiophobic light Higgs boson in the type-I two-Higgs-doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 834, 137406.	1.5	9
1468	Radiative effects in the scalar sector of vector leptoquark models. Journal of High Energy Physics, 2022, 2022, .	1.6	1
1469	Minimal Realization of Light Thermal Dark Matter. Physical Review Letters, 2022, 129, .	2.9	6

#	ARTICLE	IF	CITATIONS
1470	CDF $\langle W \rangle$ -boson mass and muon $g-2$ in a type-X two-Higgs-doublet model with a Higgs-phobic light pseudoscalar. Physical Review D, 2022, 106, .	1.6	27
1471	Unitarity bounds for all symmetry-constrained 3HDMs. Journal of High Energy Physics, 2022, 2022, .	1.6	7
1472	Type-II two-Higgs-doublet model in noncommutative geometry. Nuclear Physics B, 2022, 983, 115923.	0.9	0
1473	Benchmarking di-Higgs production in various extended Higgs sector models. Journal of High Energy Physics, 2022, 2022, .	1.6	16
1474	W-mass anomaly in the simplest linear seesaw mechanism. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 834, 137408.	1.5	5
1475	Models with two Higgs doublets and a light pseudoscalar: A portal to dark matter and the possible (\hat{g}^2) excess. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 834, 137436.	1.5	5
1476	Electroweak precision fit and new physics in light of the $\langle W \rangle$ boson mass. Physical Review D, 2022, 106, .	1.6	63
1477	Two-Higgs-doublet model and quark-lepton unification. Journal of High Energy Physics, 2022, 2022, .	1.6	2
1478	Restricting the parameter space of type-II two-Higgs-doublet models with C - P violation. Physical Review D, 2022, 106, .	1.6	1
1479	Charged lepton flavor violating processes in the Grimus-Neufeld model. Journal of High Energy Physics, 2022, 2022, .	1.6	2
1480	On Extra Top Yukawa Couplings of a Second Higgs Doublet. Universe, 2022, 8, 475.	0.9	1
1481	Implications of the new CDF II $\langle W \rangle$ -boson mass on two-Higgs-doublet models. Physical Review D, 2022, 106, .	1.6	26
1482	\mathcal{CP} structure of the top-quark Yukawa interaction: NLO QCD corrections and off-shell effects. Journal of High Energy Physics, 2022, 2022, .	1.6	2
1483	Correlating $\langle W \rangle$ -Boson Mass Shift with Muon $g-2$ in the Two Higgs Doublet Model. Physical Review Letters, 2022, 129, .	2.9	36
1484	Role of dimension-eight operators in an EFT for the 2HDM. Physical Review D, 2022, 106, .	1.6	20
1485	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
1486	A Method to Explore Flavor Symmetries of the 3HDM and Their Implications on Lepton Masses and Mixing. Symmetry, 2022, 14, 1854.	1.1	0
1487	Dark matter in a C - P -violating three-Higgs-doublet model with S - 3 symmetry. Physical Review D, 2022, 106, .	1.6	0

#	ARTICLE	IF	CITATIONS
1488	Rare top-quark decays $t \rightarrow c g(g)$ in the aligned two-Higgs-doublet model. European Physical Journal C, 2022, 82, .	1.4	1
1489	Phenomenology of a 96 GeV Higgs boson in the 2HDM with an additional singlet. Physical Review D, 2022, 106, .	1.6	15
1490	Invariant representation driven neural classifier for anti-QCD jet tagging. Journal of High Energy Physics, 2022, 2022, .	1.6	0
1491	Fine-tuning in the 2HDM. European Physical Journal C, 2022, 82, .	1.4	1
1492	Status of the two-Higgs-doublet model in light of the CDF m_W measurement. Physical Review D, 2022, 106, .	1.6	22
1493	Strange processes in general two Higgs doublet model. Journal of High Energy Physics, 2022, 2022, .	1.6	6
1494	Leptonic cascade decays of a heavy Higgs boson through vectorlike leptons at the LHC. Journal of High Energy Physics, 2022, 2022, .	1.6	5
1495	Direct detection of pseudo-Nambu-Goldstone dark matter in a two Higgs doublet plus singlet extension of the SM. Journal of High Energy Physics, 2022, 2022, .	1.6	4
1496	Electroweak phase transition in 2HDM under Higgs, Z-pole, and W precision measurements. Journal of High Energy Physics, 2022, 2022, .	1.6	26
1497	Phenomenology of a flavored multiscalar Branco-Grimus-Lavoura-like model with three generations of massive neutrinos. Physical Review D, 2022, 106, .	1.6	1
1498	About the bosonic decays of heavy Higgs states in the (N)MSSM. European Physical Journal C, 2022, 82, .	1.4	0
1499	Prospects for Heavy Neutral SUSY HIGGS Scalars in the hMSSM and Natural SUSY at LHC Upgrades. Symmetry, 2022, 14, 2061.	1.1	6
1500	Two-loop improved predictions for M_W and $\sin^2 \theta_{\text{eff}}$ in Two-Higgs-Doublet models. European Physical Journal C, 2022, 82, .	1.4	6
1501	Measuring lepton flavor violation at the LHC. Physical Review D, 2022, 106, .	1.6	1
1502	Taming the long distance effects in the D_s decay. Physical Review D, 2022, 106, .	1.6	2
1503	Signature of a light charged Higgs boson from top quark pairs at the LHC. Physical Review D, 2022, 106, .	1.6	2
1504	2HD plus light pseudoscalar model for a combined explanation of the possible excesses in the CDF M_W measurement and $\mu \rightarrow e \gamma$ decay.		

#	ARTICLE	IF	CITATIONS
1506	Sensitivity of two-Higgs-doublet models on Higgs-pair production via $b\bar{b}$ final state. Physical Review D, 2022, 106, .	1.6	3
1507	Additional Higgs bosons: Supersymmetry or warped extra dimensions?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 835, 137547.	1.5	0
1508	Sensitivity and constraints to the 2HDM soft-breaking Z_2 parameter m_{12} . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 835, 137548.	1.5	12
1509	Common origin of $\hat{1}_{13}$ and dark matter within the flavor symmetric scoto-seesaw framework. Journal of High Energy Physics, 2022, 2022, .	1.6	2
1510	Probing EWPT in 2HDM with future lepton colliders. International Journal of Modern Physics A, 2022, 37, .	0.5	0
1511	Flavour-Changing Neutral Scalar Interactions of the Top Quark. Universe, 2022, 8, 609.	0.9	4
1512	New Constraints on Extended Higgs Sectors from the Trilinear Higgs Coupling. Physical Review Letters, 2022, 129, .	2.9	5
1513	Lepton flavor violation in minimal grand unified type II seesaw models. Physical Review D, 2022, 106, .	1.6	3
1514	Studying Same-Sign Top Pair Production through Top-Higgs FCNC Interactions at the HL-LHC. Advances in High Energy Physics, 2022, 2022, 1-17.	0.5	1
1515	Scrutinizing the 95–100 GeV di-tau excess in the top associated process. European Physical Journal C, 2022, 82, .	1.4	11
1516	The flavourful present and future of 2HDMs at the collider energy frontier. Journal of High Energy Physics, 2022, 2022, .	1.6	13
1517	Measurement of the Higgs quartic coupling $c_{\nu\nu}$ from di-Higgs Vector Boson Fusion in the $b\bar{b}\gamma\gamma$ channel. Journal of Physics: Conference Series, 2022, 2375, 012009.	0.3	0
1518	Flavored axions and the flavor problem. European Physical Journal C, 2022, 82, .	1.4	2
1519	The general Two-Higgs Doublet Model in a gauge-invariant form. Journal of High Energy Physics, 2022, 2022, .	1.6	1
1520	Semidark Higgs boson decays: Sweeping the Higgs neutrino floor. Physical Review D, 2022, 106, .	1.6	0
1521	Exploring extended Higgs sectors via pair production at the LHC. Journal of High Energy Physics, 2022, 2022, .	1.6	4
1522	Exploring $\mathcal{H}VV$ amplitudes with $\mathcal{C}P$ violation by decomposition and on-shell scattering amplitude methods. Chinese Physics C, 0, , .	1.5	0
1523	Unraveling the Scotogenic model at muon collider. Journal of High Energy Physics, 2022, 2022, .	1.6	5

#	ARTICLE	IF	CITATIONS
1524	What can we learn from the total width of the Higgs boson?. Chinese Physics C, 0, , .	1.5	1
1525	Linking anomalies to Hubble tension via a single right-handed neutrino*. Chinese Physics C, 2023, 47, 033102.	1.5	4
1527	Variational autoencoders for anomalous jet tagging. Physical Review D, 2023, 107, .	1.6	13
1528	Search for an axion-like particle in radiative J/ψ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 838, 137698.	1.5	7
1529	Scalar-singlet assisted leptogenesis with CP violation from the vacuum. Journal of High Energy Physics, 2023, 2023, .	1.6	2
1530	MUonE, muon $g-2$ and electroweak precision constraints within 2HDMs. Physical Review D, 2022, 106, .	1.6	16
1531	Dark Matter Searches with Top Quarks. Universe, 2023, 9, 16.	0.9	2
1532	Stability of nontopological string in supersymmetric $SU(2)_A-U(1)$ gauge theory. International Journal of Modern Physics A, 2022, 37, .	0.5	2
1533	Disentangling the high- and low-cutoff scales via the trilinear Higgs couplings in the type-I two-Higgs-doublet model. Physical Review D, 2023, 107, .	1.6	5
1534	Geometric minimization of softly broken potentials. European Physical Journal Plus, 2023, 138, .	1.2	0
1535	The Forward Physics Facility at the High-Luminosity LHC. Journal of Physics G: Nuclear and Particle Physics, 2023, 50, 030501.	1.4	53
1536	CP phases in 2HDM and effective potential: A geometrical view. Physical Review D, 2023, 107, .	1.6	3
1537	Softly broken symmetries in the 2HDM \hat{C} an invariant formulation. Journal of High Energy Physics, 2023, 2023, .	1.6	2
1538	Dark matter and radiative neutrino masses in conversion-driven scotogenesis. Physical Review D, 2023, 107, .	1.6	0
1539	Probing the h cc coupling at a Future Circular Collider in the electron-hadron mode. European Physical Journal C, 2023, 83, .	1.4	0
1540	A model for fermionic dark matter addressing both the CDF MW and the $(g \hat{\nu}^2)^{1/4}$ anomalies. Frontiers in Physics, 0, 11, .	1.0	1
1541	New tools for dissecting the general 2HDM. Journal of High Energy Physics, 2023, 2023, .	1.6	8
1542	Muon $g-2$ in a type-X 2HDM assisted by inert scalars: A test at the ILC. Physical Review D, 2023, 107, .	1.6	1

#	ARTICLE	IF	CITATIONS
1543	Higgs boson origin from a gauge symmetric theory of massive composite particles and massless W^\pm and Z bosons at the TeV scale. Nuclear Physics B, 2023, 990, 116168.	0.9	1
1544	Revisiting one-loop corrections to the trilinear Higgs boson self-coupling in the inert doublet model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 840, 137879.	1.5	1
1545	LSND and MiniBooNE as guideposts to understanding the muon $g-2$ results and the CDF II W mass measurement. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 840, 137841.	1.5	3
1546	Polarized Z cross sections in Higgsstrahlung for the determination of anomalous ZZH couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 840, 137847.	1.5	0
1547	Prospects for Higgs boson and new scalar resonant production searches in $t\bar{t}b\bar{b}$ final state at the LHC. Nuclear Physics B, 2023, 990, 116141.	0.9	0
1548	DRalgo: A package for effective field theory approach for thermal phase transitions. Computer Physics Communications, 2023, 288, 108725.	3.0	16
1550	First-Order Cosmological Phase Transition. Springer Theses, 2022, , 267-355.	0.0	0
1551	Single charged Higgs boson production at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 839, 137705.	1.5	1
1552	Gauge Couplings Evolution from the Standard Model, through Pati-Salam Theory, into E8 Unification of Families and Forces. Universe, 2023, 9, 90.	0.9	1
1553	Enhancing B_s to an observable level in the two-Higgs-doublet model. Physical Review D, 2023, 107, .	1.6	1
1554	Dual electroweak phase transition in the two-Higgs-doublet model with the S_3 discrete symmetry. Physical Review D, 2023, 107, .	1.6	0
1555	Feasibility of the observation of a heavy scalar through the fully hadronic final state at the LHeC. European Physical Journal C, 2023, 83, .	1.4	0
1556	3HDM with $\hat{t}(27)$ symmetry and its phenomenological consequences. Journal of High Energy Physics, 2023, 2023, .	1.6	1
1557	Exploring wrong sign scenarios in the Yukawa-Aligned 2HDM. Journal of High Energy Physics, 2023, 2023, .	1.6	0
1558	Kaon processes in general 2HDM. Journal of Physics: Conference Series, 2023, 2446, 012005.	0.3	0
1559	Integrating out heavy scalars with modified equations of motion: Matching computation of dimension-eight SMEFT coefficients. Physical Review D, 2023, 107, .	1.6	7
1560	Is the new CDF M measurement consistent with the two-Higgs doublet model?. Nuclear Physics B, 2023, 989, 116143.	0.9	10

#	ARTICLE	IF	CITATIONS
1561	Drell-Yan tails beyond the Standard Model. Journal of High Energy Physics, 2023, 2023, .	1.6	26
1562	The trap in the early Universe: impact on the interplay between gravitational waves and LHC physics in the 2HDM. Journal of Cosmology and Astroparticle Physics, 2023, 2023, 031.	1.9	16
1563	Pseudoscalar MSSM Higgs Production at NLO SUSY-QCD. Journal of High Energy Physics, 2023, 2023, .	1.6	0
1564	Higgs-like particle decays into $\hat{1}^3Z$ and $\hat{1}^3\hat{1}$: Fingerprints of some non-supersymmetric models. Nuclear Physics B, 2023, 990, 116154.	0.9	2
1565	Democratic three-Higgs-doublet models: The custodial limit and wrong-sign Yukawa coupling. Physical Review D, 2023, 107, .	1.6	1
1566	Non-standard neutrino interactions in light mediator models at reactor experiments. Journal of High Energy Physics, 2023, 2023, .	1.6	3
1567	A Portalino to the Twin Sector. Journal of High Energy Physics, 2023, 2023, .	1.6	3
1568	On the viability of a light scalar spectrum for 3-3-1 models. Journal of High Energy Physics, 2023, 2023, .	1.6	1
1569	Muon $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle g \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \hat{\alpha}^2 \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ in a type-X 2HDM assisted by inert scalars: A test at the LHC. Physical Review D, 2023, 107, .	1.6	2
1570	Constraining lepton flavor violating Higgs couplings at the HL-LHC in the vector boson fusion channel. Physical Review D, 2023, 107, .	1.6	2
1571	Prospects for dark matter search at a super c-tau factory. Physical Review D, 2023, 107, .	1.6	1
1572	Flavour bounds on the flavon of a minimal and a non-minimal $\mathcal{Z}_2 \times \mathcal{Z}_N$ symmetry. European Physical Journal C, 2023, 83, .	1.4	1
1573	Higgs squared. Journal of High Energy Physics, 2023, 2023, .	1.6	3
1574	Real effective potentials for phase transitions in models with extended scalar sectors. Journal of High Energy Physics, 2023, 2023, .	1.6	0
1637	Towards a muon collider. European Physical Journal C, 2023, 83, .	1.4	19
1682	50 Years of quantum chromodynamics. European Physical Journal C, 2023, 83, .	1.4	8
1688	The Fröhlich-Morchio-Strocchi Mechanism: An Underestimated Legacy. , 2023, , 177-205.		0