

# Wei-Shu Hou

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

282  
papers

9,478  
citations

49  
h-index

88  
g-index

294  
ext. papers

11,147  
ext. citations

5.3  
avg, IF

5.58  
L-index

#	Paper	IF	Citations
282	Observation of large CP violation in the neutral B meson system. <i>Physical Review Letters</i> , <b>2001</b> , 87, 091802	7.4	418
281	Precise determination of the mass of the Higgs boson and tests of compatibility of its couplings with the standard model predictions using proton collisions at 7 and 8 TeV. <i>European Physical Journal C</i> , <b>2015</b> , 75, 212	4.2	399
280	Measurement of the branching ratio of $B \rightarrow D^{(*)} \ell \bar{\nu}$ relative to $B \rightarrow D^{(*)} \ell \ell$ decays with hadronic tagging at Belle. <i>Physical Review D</i> , <b>2015</b> , 92,	4.9	336
279	Observation of a new boson with mass near 125 GeV in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	261
278	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , <b>2016</b> , 76, 155	4.2	250
277	Measurement of the differential branching fraction and forward-backward asymmetry for $B \rightarrow K^{*} \ell \bar{\nu}$ . <i>Physical Review Letters</i> , <b>2009</b> , 103, 171801	7.4	244
276	Observation of the diphoton decay of the Higgs boson and measurement of its properties. <i>European Physical Journal C</i> , <b>2014</b> , 74, 3076	4.2	239
275	Enhanced charged Higgs boson effects in $B \rightarrow \tau \nu \bar{\nu}$ , $\mu \nu \bar{\nu}$ and $b \rightarrow \tau \nu \bar{\nu} X$ . <i>Physical Review D</i> , <b>1993</b> , 48, 2342-2344	4.9	237
274	Search for lepton-flavor-violating $\tau$ decays into three leptons with 719 million produced. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2010</b> , 687, 139-143	4.2	231
273	Measurement of the Lepton Polarization and $R(D^{*})$ in the Decay $B \rightarrow D^{*} \ell \bar{\nu}$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 211801	7.4	229
272	Evidence of the purely leptonic decay $B \rightarrow \tau \nu(\tau)$ . <i>Physical Review Letters</i> , <b>2006</b> , 97, 251802	7.4	182
271	Implications of a heavy top quark and a fourth generation on the decays $B \rightarrow K \ell \bar{\nu}$ , $K \nu \bar{\nu}$ . <i>Physical Review Letters</i> , <b>1987</b> , 58, 1608-1611	7.4	180
270	Tree level $t \rightarrow ch0$ or decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 296, 179-184	4.2	173
269	Search for top-squark pair production in the single-lepton final state in pp collisions at ( $\sqrt{s}=8$ TeV). <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	162
268	Combined measurements of Higgs boson couplings in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 421	4.2	153
267	Measurement of Higgs boson production and properties in the WW decay channel with leptonic final states. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	144
266	Measurement of the branching ratio of $B \rightarrow D^{*} \ell \bar{\nu}$ relative to $B \rightarrow D^{*} \ell \ell$ decays with a semileptonic tagging method. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	144

265	Effects of charged Higgs bosons on the processes $b \rightarrow s \bar{b} \rightarrow s g^*$ and $b \rightarrow s \bar{b} \rightarrow s \bar{b} \bar{b}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 202, 591-595	4.2	139
264	Lepton-Flavor-Dependent Angular Analysis of $B \rightarrow K^* \mu^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 111801	7.4	131
263	Measurement of the inclusive W and Z production cross sections in pp collisions at ( $\sqrt{s} = 7$ ) TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	121
262	New search for $\chi_{c0}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 666, 16-22	4.2	119
261	CP violation in inclusive and exclusive charmless B decays. <i>Physical Review D</i> , <b>1991</b> , 43, 2909-2930	4.9	116
260	Evidence for direct CP violation in $B^0 \rightarrow K^+ \pi^-$ decays. <i>Physical Review Letters</i> , <b>2004</b> , 93, 191802	7.4	108
259	Measurements of inclusive W and Z cross sections in pp collisions at ( $\sqrt{s} = 7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	104
258	Observation of $B^{+/-} \rightarrow p^{(-)} \bar{p} K^{+/-}$ . <i>Physical Review Letters</i> , <b>2002</b> , 88, 181803	7.4	93
257	Difference in direct charge-parity violation between charged and neutral B meson decays. <i>Nature</i> , <b>2008</b> , 452, 332-5	50.4	86
256	Pathways to rare baryonic B decays. <i>Physical Review Letters</i> , <b>2001</b> , 86, 4247-50	7.4	81
255	Difference in $B^+$ and $B^0$ direct CP asymmetry as an effect of a fourth generation. <i>Physical Review Letters</i> , <b>2005</b> , 95, 141601	7.4	79
254	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at ( $\sqrt{s} = 13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	77
253	Search for a Higgs boson in the mass range from 145 to 1000 GeV decaying to a pair of W or Z bosons. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	73
252	Measurement of the underlying event activity at the LHC with ( $\sqrt{s} = 7$ ) TeV and comparison with ( $\sqrt{s} = 0.9$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	70
251	Evidence for direct CP violation in the decay $B^0 \rightarrow D^{(*)} K^0$ , $D \rightarrow K S^0$ and measurement of the CKM phase $\beta_3$ . <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	69
250	Large time-dependent CP violation in the $B_s^0$ system and finite $D^0 \bar{D}^0$ mass difference in a four generation standard model. <i>Physical Review D</i> , <b>2007</b> , 76,	4.9	69
249	Possibility of discovering the next charge $-1/3$ quark through its flavor-changing neutral-current decays. <i>Physical Review Letters</i> , <b>1989</b> , 62, 617-620	7.4	67
248	When the Higgs meets the top: Search for $t \rightarrow c h$ at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 725, 378-381	4.2	66

247	QCD induced charmless B decays. <i>Nuclear Physics B</i> , <b>1988</b> , 308, 561-588	2.8	66
246	Measurement of $\tau_3$ with Dalitz plot analysis of $B_{\text{c}}^{\pm} \rightarrow D^{(*)} K_{\text{c}}^{\pm}$ decay. <i>Physical Review D</i> , <b>2004</b> , 70,	4.9	65
245	Charged-particle nuclear modification factors in PbPb and pPb collisions at ( $\sqrt{s_{\text{NN}}}=5.02$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	64
244	Vector Gluonium as a Possible Explanation for Anomalous $\Upsilon$ Decays. <i>Physical Review Letters</i> , <b>1983</b> , 50, 569-573	7.4	63
243	Search for high-mass resonances in dilepton final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	63
242	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , <b>2020</b> , 80, 4	4.2	61
241	Search for $B \rightarrow h^{(*)} \tau$ with the full Belle (4S) data sample. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	61
240	Measurement of the branching fraction $B(\bar{B}^+ \rightarrow \rho^+ K_{\text{c}}^{\pm})$ . <i>Physical Review Letters</i> , <b>2014</b> , 113, 042002	7.4	57
239	Flavor changing heavy Higgs interactions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 751, 135-142	4.2	56
238	Fourth generation CP violation effects on $B \rightarrow K\pi$ , $\phi K$ , and $\rho K$ in next-to-leading-order perturbative QCD. <i>Physical Review Letters</i> , <b>2007</b> , 98, 131801	7.4	56
237	High Statistics Measurement of the Cross Sections of $B \rightarrow \tau \tau$ Production. <i>Journal of the Physical Society of Japan</i> , <b>2007</b> , 76, 074102	1.5	55
236	Solutions to the B meson semileptonic branching ratio puzzle within two-Higgs-doublet models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 272, 383-390	4.2	54
235	Electroweak Penguins, Final State Interaction Phases, and CP Violation in $B \rightarrow K\pi$ Decays. <i>Physical Review Letters</i> , <b>1999</b> , 82, 2240-2243	7.4	53
234	Flavor changing neutral currents involving heavy quarks with four generations. <i>Journal of High Energy Physics</i> , <b>2006</b> , 2006, 009-009	5.4	51
233	Measurement of the decay $B \rightarrow D\pi$ in fully reconstructed events and determination of the Cabibbo-Kobayashi-Maskawa matrix element $ V_{cb} $ . <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	47
232	Search for $B \rightarrow h^{(*)} \nu_{\tau}$ decays at Belle. <i>Physical Review Letters</i> , <b>2007</b> , 99, 221802	7.4	46
231	Electroweak baryogenesis driven by extra top Yukawa couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 776, 402-406	4.2	45
230	Search for the associated production of the Higgs boson with a top-quark pair. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	45

229	Effect of fourth generation CP phase on (b to s) transitions. <i>European Physical Journal C</i> , <b>2003</b> , 27, 555-564	4.2	45
228	Flavor and CP violation with fourth generations revisited. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	44
227	Search for additional neutral MSSM Higgs bosons in the $\gamma\gamma$ final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	42
226	Enhanced $KL \rightarrow \pi\pi$ from direct CP violation in $B \rightarrow K$ with four generations. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	41
225	Measurement of the inelastic proton-proton cross section at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	41
224	Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	40
223	Loophole in $K \rightarrow \mu\bar{\nu}$ Search and New Weak Leptonic Forces. <i>Physical Review Letters</i> , <b>2015</b> , 114, 171802	7.4	39
222	Measurement of the ZZ production cross section and search for anomalous couplings in $2\mu\mu$ final states in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	39
221	Z $\gamma$ -induced FCNC decays of top, beauty, and strange quarks. <i>Physical Review D</i> , <b>2016</b> , 93,	4.9	38
220	Measurement of pseudorapidity distributions of charged particles in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV by the CMS and TOTEM experiments. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	37
219	Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	37
218	Measurements of branching fractions of leptonic and hadronic ( $D_s^{*+}$ ) meson decays and extraction of the ( $D_s^{*+}$ ) meson decay constant. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	36
217	Three-body baryonic ( $\overline{B} \rightarrow \Lambda \bar{p} \pi$ ) decays and such. <i>European Physical Journal C</i> , <b>2003</b> , 29, 27-35	4.2	36
216	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 451	4.2	36
215	Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 13	4.2	35
214	Measurement of CP asymmetry in a time-dependent Dalitz analysis of $B^0 \rightarrow (\rho^0 \pi)^0$ and a constraint on the quark mixing matrix angle $\phi_2$ . <i>Physical Review Letters</i> , <b>2007</b> , 98, 221602	7.4	35
213	Measurement and QCD analysis of double-differential inclusive jet cross sections in pp collisions at ( $\sqrt{s}=8$ ) TeV and cross section ratios to 2.76 and 7 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	34
212	Search for new physics in same-sign dilepton events in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2016</b> , 76, 439	4.2	34

211	Energy Scan of the $e^+e^- \rightarrow h_{(b)}(nP)\mu^+\mu^-$ ( $n=1, 2$ ) Cross Sections and Evidence for $\chi(11020)$ Decays into Charged Bottomoniumlike States. <i>Physical Review Letters</i> , <b>2016</b> , 117, 142001	7.4	34
210	Indications for Factorization and ReVub. <i>Physical Review Letters</i> , <b>1999</b> , 83, 1100-1103	7.4	33
209	Identification techniques for highly boosted W bosons that decay into hadrons. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	32
208	Searching for new scalar bosons via triple-top signature in $cg \rightarrow tS0 \rightarrow ttt$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 776, 379-384	4.2	30
207	Measurement of the $(\overline{\text{t}})$ production cross section in the $e\bar{t}$ channel in proton-proton collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	30
206	Measurements of the production cross section and the branching fraction, and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 165	4.2	29
205	Top decays with flavor changing neutral Higgs interactions at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 716, 225-230	4.2	28
204	Possibility of large final state interaction phases in light of $B \rightarrow \kappa\pi$ and $\pi\pi$ data. <i>Physical Review Letters</i> , <b>2000</b> , 84, 4806-9	7.4	28
203	Measurement of the production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 368	4.2	27
202	Observation of $e^+e^- \rightarrow \chi(0)(BJ)$ and Search for $X(b) \rightarrow \chi(1S)$ at $\sqrt{s} = 10.867$ GeV. <i>Physical Review Letters</i> , <b>2014</b> , 113, 142001	7.4	27
201	Shape, transverse size, and charged-hadron multiplicity of jets in pp collisions at $(\sqrt{s}=7;\text{TeV})$ . <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	27
200	Probing flavor changing neutral Higgs couplings at LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 409, 344-348	4.2	26
199	Search for the dark photon and the dark Higgs boson at belle. <i>Physical Review Letters</i> , <b>2015</b> , 114, 211801	7.4	25
198	Search for top squark pair production in pp collisions at $(\sqrt{s}=13)$ TeV using single lepton events. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	25
197	Measurements of the $[t\bar{t}]$ production cross sections in the $[t\bar{t}]$ channel in proton-proton collisions at $[7]$ and $[8]$ TeV and combined constraints on triple gauge couplings. <i>European Physical Journal C</i> , <b>2015</b> , 75, 511	4.2	25
196	Indication for Large Rescatterings in Charmless Rare B Decays. <i>Modern Physics Letters A</i> , <b>2003</b> , 18, 1763-1772	7.4	25
195	Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 75	4.2	24
194	Search for a low mass particle decaying into $\mu\mu$ in $B0 \rightarrow K^*0 X$ and $B0 \rightarrow \bar{D} X$ at Belle. <i>Physical Review Letters</i> , <b>2010</b> , 105, 091801	7.4	24

193	Approximate alignment in two-Higgs-doublet model with extra Yukawa couplings. <i>Europhysics Letters</i> , <b>2018</b> , 123, 11001	1.6	24
192	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P10017-P10017	1	23
191	A search for the rare leptonic decays $B_{s,d} \rightarrow \mu^+ \mu^-$ and $B_{s,d} \rightarrow e^+ e^-$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 647, 67-73	4.2	23
190	Higgs-boson production from decays of the fourth-generation $b$ quark. <i>Physical Review D</i> , <b>1991</b> , 43, 3669-3682	2.3	23
189	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying $\tau$ leptons at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	23
188	Measurement of the $\tau$ lepton lifetime at Belle. <i>Physical Review Letters</i> , <b>2014</b> , 112, 031801	7.4	22
187	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. <i>European Physical Journal C</i> , <b>2017</b> , 77, 578	4.2	21
186	Search for light bosons in decays of the 125 GeV Higgs boson in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	21
185	Constraining a lighter exotic scalar via same-sign top. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2018</b> , 786, 212-216	4.2	21
184	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 140	4.2	20
183	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 564	4.2	20
182	Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at. <i>European Physical Journal C</i> , <b>2017</b> , 77, 636	4.2	20
181	Baryon number violation involving higher generations. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	20
180	Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	20
179	Cancellation mechanism for the electron electric dipole moment connected with the baryon asymmetry of the Universe. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	19
178	Measurement of energy flow at large pseudorapidities in pp collisions at $(\sqrt{s} = 0.9)$ and 7 TeV. <i>Journal of High Energy Physics</i> , <b>2011</b> , 2011, 1	5.4	19
177	Measurement of differential cross sections for boson production in association with jets in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 965	4.2	19
176	Search for lepton flavour violating decays of the Higgs boson to $\tau \mu$ and $e \mu$ in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	19



175	Measurement of $R(D)$ and $R(D^{(*)})$ with a Semileptonic Tagging Method. <i>Physical Review Letters</i> , <b>2020</b> , 124, 161803	7.4	18
174	Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	18
173	First Observation of the Hadronic Transition $\chi(4S) \rightarrow \bar{B}(b)(1P)$ and New Measurement of the $h(b)(1P)$ and $\Gamma(b)(1S)$ Parameters. <i>Physical Review Letters</i> , <b>2015</b> , 115, 142001	7.4	18
172	$B \rightarrow K^* \mu \mu$ Forward-backward asymmetry and new physics. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	18
171	Study of charmonia in four-meson final states produced in two-photon collisions. <i>European Physical Journal C</i> , <b>2008</b> , 53, 1-14	4.2	18
170	Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at ( $\sqrt{s}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	18
169	Search for ( $\overline{\text{t}}\text{H}$ ) production in the ( $\text{H}$ to $\overline{\text{b}}\text{b}$ ) decay channel with leptonic ( $\overline{\text{t}}$ ) decays in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	17
168	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at = 13. <i>European Physical Journal C</i> , <b>2018</b> , 78, 291	4.2	17
167	First Observation of the Doubly Cabibbo-Suppressed Decay of a Charmed Baryon: $\Lambda_c^+ \rightarrow p K^+ \mu^-$ . <i>Physical Review Letters</i> , <b>2016</b> , 117, 011801	7.4	17
166	Searches for pair production of third-generation squarks in [Formula: see text][Formula: see text] pp collisions. <i>European Physical Journal C</i> , <b>2017</b> , 77, 327	4.2	17
165	Test of Lepton-Flavor Universality in $B \rightarrow K^* \mu^+ \mu^-$ Decays at Belle. <i>Physical Review Letters</i> , <b>2021</b> , 126, 161801	7.4	17
164	Searches for physics beyond the standard model with the variable in hadronic final states with and without disappearing tracks in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2020</b> , 80, 3	4.2	16
163	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into $\mu\mu$ leptons in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	16
162	Implications of four-top and top-pair studies on triple-top production. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 798, 134953	4.2	16
161	Search for $tZ$ associated production induced by $tcZ$ couplings at the LHC. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	16
160	Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at ( $\sqrt{\text{mathrm{s}}}$ ) = 13 TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	16
159	Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	16
158	Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	16



157	Observation of $(\Xi_{c}^{+}(2930)^{0})$ and updated measurement of $(B^{+} \rightarrow K^{+} \Lambda_{c}^{+} \bar{\Lambda}_{c}^{+})$ at Belle. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	15
156	Measurement of differential and integrated fiducial cross sections for Higgs boson production in the four-lepton decay channel in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	15
155	Flavor physics and CP violation. <i>Progress in Particle and Nuclear Physics</i> , <b>2017</b> , 97, 261-311	10.6	15
154	Search for high-mass resonances in final states with a lepton and missing transverse momentum at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
153	Measurement of $D^0\bar{D}^0$ mixing and search for CP violation in $D^0 \rightarrow K^+ K^- \pi^0$ decays with the full Belle data set. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 753, 412-418	4.2	14
152	Observation of an Excited $\Sigma^{*}$ Baryon. <i>Physical Review Letters</i> , <b>2018</b> , 121, 052003	7.4	14
151	Search for CP Violation and Measurement of the Branching Fraction in the Decay $D^+ \rightarrow K_S^+ K_S^0$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 171801	7.4	14
150	Measurement of the $(\overline{\text{t}}\text{t})$ production cross section using events with one lepton and at least one jet in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	14
149	High-statistics study of $K^0_S$ pair production in two-photon collisions. <i>Progress of Theoretical and Experimental Physics</i> , <b>2013</b> , 2013, 123C01-123C01	5.4	14
148	Early LHC phenomenology of Yukawa-bound heavy $QQ$ mesons. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	14
147	Prospects for Direct CP Violation in Exclusive and Inclusive Charmless B Decays. <i>Physical Review Letters</i> , <b>1998</b> , 81, 5738-5741	7.4	14
146	Evidence for Higgs boson decay to a pair of muons. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	14
145	Top-assisted di-Higgs boson production motivated by baryogenesis. <i>Physical Review D</i> , <b>2019</b> , 99,	4.9	13
144	Probing color coherence effects in pp collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2901	4.2	13
143	Observation of $D^0\text{-}D^0$ mixing in e+e- collisions. <i>Physical Review Letters</i> , <b>2014</b> , 112, 111801	7.4	13
142	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. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	13
141	Test of lepton flavor universality and search for lepton flavor violation in $B \rightarrow K$ decays. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	13
140	Search for $(\overline{\text{t}}\text{t})\text{H}$ production in the all-jet final state in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13

139	Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2019</b> , 79, 280	4.2	12
138	Search for direct top squark pair production in events with one lepton, jets, and missing transverse momentum at 13 TeV with the CMS experiment. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	12
137	Flavor changing heavy Higgs interactions with leptons at hadron colliders. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 795, 371-378	4.2	12
136	Observation of a new structure near 10.75 GeV in the energy dependence of the $e^+e^- \rightarrow \gamma^* \rightarrow (nS) \mu\mu$ ( $n = 1, 2, 3$ ) cross sections. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	12
135	Search for CP Violation in the Decay $(D^+ \rightarrow K_S^0 K^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	12
134	Search for top quark decays via Higgs-boson-mediated flavor-changing neutral currents in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	12
133	Long-distance contribution to $B$ of the $B_s B_s$ system. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	12
132	Supersymmetric model contributions to $(B^0_d \bar{B}^0_d)$ mixing and $(B \rightarrow \pi\pi, \rho\gamma)$ decays. <i>European Physical Journal C</i> , <b>2001</b> , 21, 567-575	4.2	12
131	Enhanced $B \rightarrow \pi$ decay at tree level as probe of extra Yukawa couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2020</b> , 800, 135105	4.2	12
130	Search for a Light CP-odd Higgs Boson and Low-Mass Dark Matter at the Belle Experiment. <i>Physical Review Letters</i> , <b>2019</b> , 122, 011801	7.4	12
129	Search for a heavy Higgs boson decaying to a pair of W bosons in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	11
128	Measurements of differential Z boson production cross sections in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	11
127	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , <b>2020</b> , 15, P02027-P02027	1	11
126	Search for Z resonances using leptonic and hadronic final states in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	11
125	Probing for extra top Yukawa couplings in light of the $t\bar{t}h$ (125) observation. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	11
124	Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross sections and constraints on charged anomalous triple gauge couplings at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	10
123	Observation of the Decay $B_{s^0} \rightarrow K^0 K^0$ . <i>Physical Review Letters</i> , <b>2016</b> , 116, 161801	7.4	10
122	Implication of possible observation of enhanced $B_d^0 \rightarrow \mu\mu$ decay. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	10

121	Evidence for Isospin Violation and Measurement of CP Asymmetries in $B \rightarrow K^*(892) \pi$ <i>Physical Review Letters</i> , <b>2017</b> , 119, 191802	7.4	10
120	Search for associated production of a Z boson with a single top quark and for tZ flavour-changing interactions in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
119	First Observation of CP Violation in $B \rightarrow D_{CP} h$ Decays by a Combined Time-Dependent Analysis of BABAR and Belle Data. <i>Physical Review Letters</i> , <b>2015</b> , 115, 121604	7.4	10
118	Leading effect of CP violation with four generations. <i>Physical Review D</i> , <b>2010</b> , 82,	4.9	10
117	B meson decays to baryons in the diquark model. <i>European Physical Journal C</i> , <b>2002</b> , 23, 691-699	4.2	10
116	Production of tZH and tZ in 2HDM: Prospects for discovery at the LHC. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	10
115	Search for the associated production of a Higgs boson with a single top quark in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	10
114	Evidence of a structure in $(\bar{K}^0 \Lambda_c^+)$ consistent with a charged $(\Xi_c(2930)^+)$ , and updated measurement of $(\bar{B}^0 \rightarrow \bar{K}^0 \Lambda_c^+ \bar{\Lambda}_c^+)$ at Belle. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	10
113	Search for $B^{\pm} \rightarrow \pi^{\pm} \pi^0$ Decays at the Belle Experiment. <i>Physical Review Letters</i> , <b>2018</b> , 121, 031801	7.4	10
112	Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	10
111	Observation of $D^0 \rightarrow \pi^0 \pi^0$ and Search for CP Violation in Radiative Charm Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 051801	7.4	9
110	Search for $B^+ \rightarrow \pi^+ \pi^0$ and $B^+ \rightarrow \pi^+ \pi^+ \pi^-$ with inclusive tagging. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	9
109	Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	9
108	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at. <i>European Physical Journal C</i> , <b>2018</b> , 78, 697	4.2	9
107	Muon flavor violation in two-Higgs-doublet model with extra Yukawa couplings. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	8
106	Constraining the $t \rightarrow u$ flavor changing neutral Higgs coupling at the LHC. <i>Physical Review D</i> , <b>2020</b> , 102,	4.9	8
105	Measurement of top quark pair production in association with a Z boson in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
104	Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	8

103	PEV COSMIC NEUTRINOS FROM THE MOUNTAINS. <i>Modern Physics Letters A</i> , <b>2004</b> , 19, 1117-1124	1.3	8
102	Observation of Transverse $\Lambda$ Hyperon Polarization in $e^+e^-$ Annihilation at Belle. <i>Physical Review Letters</i> , <b>2019</b> , 122, 042001	7.4	8
101	Probing top changing neutral Higgs couplings at colliders. <i>Modern Physics Letters A</i> , <b>2021</b> , 36, 2130006	1.3	8
100	Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
99	Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	7
98	Search for $B^+ \rightarrow e^+ \bar{\mu}$ and $B^+ \rightarrow \mu^+ \bar{\mu}$ decays using hadronic tagging. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	7
97	Sub-TeV $H^+$ Boson Production as Probe of Extra Top Yukawa Couplings. <i>Physical Review Letters</i> , <b>2020</b> , 125, 221801	7.4	7
96	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $(\sqrt{\text{mathrm{s}}}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	7
95	Unraveling the couplings of a Drell-Yan produced Z with heavy-flavor tagging. <i>Physical Review D</i> , <b>2018</b> , 98,	4.9	7
94	Search for B decays to final states with the $\Lambda$ meson. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	7
93	Measurement of time-dependent CP violation in $B^0 \rightarrow \bar{K}^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	7
92	Measuring the fourth-generation $b \rightarrow s$ quadrangle at the LHC. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	7
91	Coming decade of $h \rightarrow \Lambda$ and $\Lambda \rightarrow \Lambda$ interplay in $\Lambda$ flavor violation search. <i>Physical Review D</i> , <b>2020</b> , 101,	4.9	7
90	Scalar leptoquark effects on $(B \rightarrow \mu \bar{\nu})$ decay. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	7
89	Search for dark matter produced in association with a leptonically decaying boson in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 13	4.2	7
88	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> , <b>2018</b> , 2018, 1	5.4	7
87	Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2q$ final states at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7
86	Search for dark matter produced in association with a Higgs boson decaying to $\Lambda b \bar{\Lambda} b$ ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	7

85	Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , <b>2021</b> , 81, 800	4.2	7
84	Observation of $\Upsilon(1620)^0$ and Evidence for $\Upsilon(1690)^0$ in $\Upsilon(c^+ \rightarrow \bar{c}^+ \bar{D}^+ \bar{D}^+)$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 072501	7.4	6
83	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in collisions at and 5.02. <i>European Physical Journal C</i> , <b>2020</b> , 80, 534	4.2	6
82	Search for lepton flavour violating decays of a neutral heavy Higgs boson to $\bar{b} \text{ and } e \bar{\nu}$ in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	6
81	Probing extra Yukawa couplings by precision measurements of Higgs boson properties. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	6
80	Observation of $B^0 \rightarrow p \bar{D}^{(*)-}$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 221803	7.4	6
79	Search for the associated production of the Higgs boson with a top-quark pair <b>2014</b> , 2014, 1		6
78	Search for direct pair production of scalar top quarks in the single- and dilepton channels in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
77	Measurement of the differential Drell-Yan cross section in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	6
76	Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
75	Search for a heavy resonance decaying into a Z boson and a vector boson in the $(\nu \bar{\nu} \text{ or } \bar{\nu} \nu)$ final state. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
74	Perspectives and outlook from HEP window on the universe. <i>International Journal of Modern Physics A</i> , <b>2019</b> , 34, 1930002	1.2	5
73	Search for a dark vector gauge boson decaying to $\mu\bar{\mu}$ using $B \rightarrow \mu\mu$ decays. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	5
72	Observation of $\Upsilon(4S) \rightarrow \Upsilon(1S)$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 062001	7.4	5
71	Measurement of energy flow at large pseudorapidities in pp collisions at $(\sqrt{s} = 0.9)$ and 7 TeV <b>2011</b> , 2011, 1		5
70	Measurements of production cross sections and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 200	4.2	5
69	Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 378	4.2	5
68	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 488	4.2	5

67	Search for top squark pair production using dilepton final states in collision data collected at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 3	4.2	5
66	Search for the pair production of light top squarks in the $e^+e^-$ final state in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	4
65	Bootstrap dynamical symmetry breaking with strong Yukawa coupling. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	4
64	Evidence for factorization in three-body ( $\overline{B} \rightarrow D^{(*)}, K^-, K^0$ ) decays. <i>European Physical Journal C</i> , <b>2004</b> , 33, s253-s255	4.2	4
63	Charged lepton flavor violation in light of muon $g-2$ . <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	4
62	Collider prospects for the muon $g-2$ in a general two-Higgs-doublet model. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	4
61	First Evidence for $\cos 2\beta$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , <b>2018</b> , 121, 261801	7.4	4
60	Inclusive study of bottomonium production in association with an ( $\eta$ ) meson in ( $e^+e^-$ ) annihilations near ( $\sqrt{s} \approx 5S$ ). <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	4
59	MUSiC: a model-unspecific search for new physics in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 629	4.2	4
58	Measurement of the Direct CP Asymmetry in $B \rightarrow X(s+d)$ Decays with a Lepton Tag. <i>Physical Review Letters</i> , <b>2015</b> , 114, 151601	7.4	3
57	Measurement of branching fractions for $B \rightarrow J/\psi K$ decays and search for a narrow resonance in the $J/\psi$ final state. <i>Progress of Theoretical and Experimental Physics</i> , <b>2014</b> , 2014, 43C01-0	5.4	3
56	AN UPDATED NUMERICAL ANALYSIS OF eV SEESAW WITH FOUR GENERATIONS. <i>International Journal of Modern Physics A</i> , <b>2010</b> , 25, 5913-5922	1.2	3
55	eV seesaw with four generations. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 638, 229-233	4.2	3
54	On the mixing amplitude of $J/\psi$ and vector glueball $O$ . <i>Nuclear Physics A</i> , <b>2000</b> , 675, 367-370	1.3	3
53	Measurements of the $(\text{pp}) \rightarrow \text{ZZ}$ production cross section and the $(\text{Z}) \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{TeV})$ <b>2018</b> , 78, 1		3
52	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 970	4.2	3
51	First measurement of the CKM angle $\beta_3$ with $B \rightarrow D((K)_{\text{S}}^0) K$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	3
50	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. <i>Computing and Software for Big Science</i> , <b>2020</b> , 4, 10	6	3



49	Prospect and implications of $cg \rightarrow bH^+ \rightarrow bAW^+$ production at the LHC. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	3
48	A final word on FCNC-Baryogenesis from two Higgs doublets. <i>SciPost Physics</i> , <b>2021</b> , 10,	6.1	3
47	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	3
46	Observation of $\Upsilon(2S) \rightarrow \Upsilon(1S)$ Decay. <i>Physical Review Letters</i> , <b>2018</b> , 121, 232001	7.4	3
45	Search for charged Higgs bosons produced in vector boson fusion processes and decaying into vector boson pairs in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 723	4.2	3
44	Measurement of the Michel parameters $\bar{\eta}$ and $\xi$ in the radiative leptonic decay $\tau^- \rightarrow \ell^- \nu_{\tau} \bar{\nu}_{\ell} \gamma$ . <i>Progress of Theoretical and Experimental Physics</i> , <b>2018</b> , 2018,	5.4	2
43	Threshold effects in the decay of heavy $b?$ and $t?$ quarks. <i>Physical Review D</i> , <b>2011</b> , 84,	4.9	2
42	Search for lepton-flavor-violating tau-lepton decays to $\Upsilon$ at Belle. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	2
41	Observation of the Radiative Decays of $\Upsilon(1S)$ to $\Upsilon(c1)$ . <i>Physical Review Letters</i> , <b>2020</b> , 124, 122001	7.4	2
40	Doubly resonant WW plus jet signatures at the LHC. <i>Physical Review D</i> , <b>2012</b> , 86,	4.9	1
39	Charged lepton EDM with extra Yukawa couplings. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	1
38	Search for $B_0 \rightarrow \mu\mu$ ( $\mu e$ , $\mu\mu$ ) with a hadronic tagging method at Belle. <i>Physical Review D</i> , <b>2021</b> , 104,	4.9	1
37	First search for the $\Upsilon(21D)$ in B decays at Belle. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	1
36	Development and validation of HERWIG tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , <b>2021</b> , 81, 312	4.2	1
35	Search for flavor-changing neutral current interactions of the top quark and the Higgs boson decaying to a bottom quark-antiquark pair at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	1
34	Measurement of single-diffractive dijet production in proton-proton collisions at with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1164	4.2	0
33	Evidence for $X(3872) \rightarrow J/\psi \Upsilon(1S)$ Produced in Single-Tag Two-Photon Interactions. <i>Physical Review Letters</i> , <b>2021</b> , 126, 122001	7.4	0
32	Search for the dark photon in $B_0 \rightarrow A^* A^*$ , $A^* \rightarrow e^+ e^- \mu^+ \mu^-$ and $\mu^+ \mu^-$ decays at Belle. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	0

31	Measurements of branching fractions and asymmetry parameters of $(\overline{K}^0 \rightarrow \Lambda b \overline{K}^0)$ , $(\Xi_c^0 \rightarrow \Sigma^0 \overline{K}^0)$ , and $(\Xi_c^0 \rightarrow \Sigma^+ K^-)$ decays at Belle. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	○
30	Measurement of the energy dependence of the $e^+e^- \rightarrow (B \overline{B})$ , $(B \overline{B})^{\text{ast}}$ and $(B \overline{B})^{\text{ast}} \overline{B}^{\text{ast}}$ exclusive cross sections. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	○
29	Search for a heavy vector resonance decaying to a $\Upsilon$ boson and a Higgs boson in proton-proton collisions at. <i>European Physical Journal C</i> , <b>2021</b> , 81, 688	4.2	○
28	Measurement of branching fractions and search for CP violation in $D^0 \rightarrow \mu^+ \mu^- D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \mu^+ \mu^-$ at Belle. <i>Journal of High Energy Physics</i> , <b>2021</b> , 2021, 1	5.4	○
27	Measurements of angular distance and momentum ratio distributions in three-jet and + two-jet final states in collisions. <i>European Physical Journal C</i> , <b>2021</b> , 81, 852	4.2	○
26	Inclusive and differential cross section measurements of single top quark production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
25	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at .. <i>European Physical Journal C</i> , <b>2022</b> , 82, 153	4.2	○
24	First measurement of the $\Lambda_c^+ \rightarrow p \mu^+$ decay. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
23	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at .. <i>European Physical Journal C</i> , <b>2022</b> , 82, 290	4.2	○
22	Decadal Mission for the New Physics Higgs/Flavor Era. <i>Chinese Journal of Physics</i> , <b>2022</b> , 77, 432-451	3.5	○
21	Measurement of Differential Branching Fractions of Inclusive $B \rightarrow X_{u,c} \mu^+ \mu^-$ Decays.. <i>Physical Review Letters</i> , <b>2021</b> , 127, 261801	7.4	○
20	Search for supersymmetry in final states with two or three soft leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
19	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
18	Search for a heavy resonance decaying into a top quark and a W boson in the lepton+jets final state at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
17	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
16	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
15	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○
14	An improved search for the electric dipole moment of the $\tau$ lepton. <i>Journal of High Energy Physics</i> , <b>2022</b> , 2022, 1	5.4	○

- 13 Links between flavor and electroweak symmetry breaking. *International Journal of Modern Physics A*, **2014**, 29, 1444007 1.2
- 12 Towards Reviving Electroweak Baryogenesis with a Fourth Generation. *Advances in High Energy Physics*, **2013**, 2013, 1-9 1
- 11 Bootstrap Dynamical Symmetry Breaking. *Advances in High Energy Physics*, **2013**, 2013, 1-19 1
- 10 Very Heavy Quarks at the LHC. *Advances in High Energy Physics*, **2013**, 2013, 1-2 1
- 9 HIGHLIGHTS FROM FIVE YEARS AT THE B FACTORIES. *Modern Physics Letters A*, **2005**, 20, 707-723 1.3
- 8 Possibility of mt MW for SUSY-Type of Two Higgs Doublet Model **1995**, 94, 1089-1096
- 7 Combined analysis of Belle and Belle II data to determine the CKM angle  $\theta_3$  using  $B^+ \rightarrow D(K)_S^0 \pi^+$  decays. *Journal of High Energy Physics*, **2022**, 2022, 1 5.4
- 6 Connecting Electroweak Symmetry Breaking and Flavor: A Light Dilaton  $D$  and a Sequential Heavy Quark Doublet  $Q$ . *Symmetry*, **2018**, 10, 312 2.7
- 5 Search for a Light Higgs Boson in Single-Photon Decays of  $\chi(1S)$  Using  $\chi(2S) \rightarrow \pi^+ \pi^- \chi(1S)$  Tagging Method.. *Physical Review Letters*, **2022**, 128, 081804 7.4
- 4 Study of dijet events with large rapidity separation in proton-proton collisions at  $\sqrt{s} = 2.76$  TeV. *Journal of High Energy Physics*, **2022**, 2022, 1 5.4
- 3 Measurement of Two-Particle Correlations of Hadrons in  $e^+e^-$  Collisions at Belle.. *Physical Review Letters*, **2022**, 128, 142005 7.4
- 2 CP Violation for the Heavens and the Earth. *Universe*, **2022**, 8, 234 2.5
- 1 Measurement of the inclusive  $\sigma(\overline{t}t)$  production cross section in proton-proton collisions at  $\sqrt{s} = 5.02$  TeV. *Journal of High Energy Physics*, **2022**, 2022, 1 5.4