

Wei-Shu Hou

List of Publications by Year in Descending Order

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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	Charged lepton EDM with extra Yukawa couplings. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	1
281	Combined analysis of Belle and Belle II data to determine the CKM angle θ_3 using $B^+ \rightarrow D(K)_S^0 \pi^+ h^+ h^-$ decays. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
280	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> , 2022 , 2022, 1	5.4	0
279	Search for a Light Higgs Boson in Single-Photon Decays of $\tau(1S)$ Using $\tau(2S) \rightarrow \mu^+ \mu^- \tau(1S)$ Tagging Method.. <i>Physical Review Letters</i> , 2022 , 128, 081804	7.4	
278	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> , 2022 , 2022, 1	5.4	1
277	Search for long-lived particles decaying to leptons with large impact parameter in proton-proton collisions at .. <i>European Physical Journal C</i> , 2022 , 82, 153	4.2	0
276	Study of dijet events with large rapidity separation in proton-proton collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
275	First measurement of the $\Lambda_c^+ \rightarrow p \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
274	Measurement of Two-Particle Correlations of Hadrons in e^+e^- Collisions at Belle.. <i>Physical Review Letters</i> , 2022 , 128, 142005	7.4	
273	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> , 2022 , 82, 290	4.2	0
272	Decadal Mission for the New Physics Higgs/Flavor Era. <i>Chinese Journal of Physics</i> , 2022 , 77, 432-451	3.5	0
271	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> , 2022 , 2022, 1	5.4	0
270	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> , 2022 , 2022, 1	5.4	0
269	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> , 2022 , 2022, 1	5.4	0
268	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> , 2022 , 2022, 1	5.4	0
267	CP Violation for the Heavens and the Earth. <i>Universe</i> , 2022 , 8, 234	2.5	
266	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> , 2022 , 2022, 1	5.4	0

265	Search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
264	An improved search for the electric dipole moment of the τ lepton. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	0
263	Measurement of the inclusive $\tau^+\tau^-$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. <i>Journal of High Energy Physics</i> , 2022 , 2022, 1	5.4	
262	Charged lepton flavor violation in light of muon $g-2$. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	4
261	Combined searches for the production of supersymmetric top quark partners in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 970	4.2	3
260	Search for $B_0 \rightarrow \mu^+\mu^-$ (B_s, D) with a hadronic tagging method at Belle. <i>Physical Review D</i> , 2021 , 104,	4.9	1
259	Search for lepton-flavor-violating tau-lepton decays to $\mu\tau$ at Belle. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	2
258	Collider prospects for the muon $g-2$ in a general two-Higgs-doublet model. <i>Physical Review D</i> , 2021 , 104,	4.9	4
257	Test of lepton flavor universality and search for lepton flavor violation in $B \rightarrow K\ell\ell$ decays. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	13
256	Evidence for $X(3872) \rightarrow J/\psi\eta'$ Produced in Single-Tag Two-Photon Interactions. <i>Physical Review Letters</i> , 2021 , 126, 122001	7.4	0
255	Measurements of production cross sections and constraints on anomalous triple gauge couplings at. <i>European Physical Journal C</i> , 2021 , 81, 200	4.2	5
254	Prospect and implications of $cg \rightarrow bH^+ \rightarrow bAW^+$ production at the LHC. <i>Physical Review D</i> , 2021 , 103,	4.9	3
253	Search for the dark photon in $B_0 \rightarrow A^*A^*, A^* \rightarrow e^+\mu^+\mu^-$ and $\mu^+\mu^-$ decays at Belle. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
252	Development and validation of HERWIG++ tunes from CMS underlying-event measurements. <i>European Physical Journal C</i> , 2021 , 81, 312	4.2	1
251	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> , 2021 , 81, 378	4.2	5
250	Test of Lepton-Flavor Universality in $B \rightarrow K^{*0}\mu^+\mu^-$ Decays at Belle. <i>Physical Review Letters</i> , 2021 , 126, 161801	7.4	17
249	A final word on FCNC-Baryogenesis from two Higgs doublets. <i>SciPost Physics</i> , 2021 , 10,	6.1	3
248	Measurements of branching fractions and asymmetry parameters of $(\{X_i\}_c^0 \rightarrow \Lambda b \overline{K}^{*0})$, $(\{X_i\}_c^0 \rightarrow \Lambda b \overline{\Sigma}^{*0})$, and $(\{X_i\}_c^0 \rightarrow \Lambda b \overline{\Sigma}^{*+} K^{*0})$ decays at Belle. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0

247	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> , 2021 , 81, 488	4.2	5
246	Measurement of the energy dependence of the $e^+e^- \rightarrow (\overline{B}^0, B^0)^*$ and $(B^{\pm*}, \overline{B}^{\pm*})$ exclusive cross sections. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
245	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> , 2021 , 2021, 1	5.4	3
244	Search for dark matter produced in association with a leptonically decaying boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 13	4.2	7
243	Evidence for Higgs boson decay to a pair of muons. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	14
242	Search for top squark pair production using dilepton final states in collision data collected at. <i>European Physical Journal C</i> , 2021 , 81, 3	4.2	5
241	Probing top changing neutral Higgs couplings at colliders. <i>Modern Physics Letters A</i> , 2021 , 36, 2130006	1.3	8
240	MUSiC: a model-unspecific search for new physics in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 629	4.2	4
239	Search for a heavy vector resonance decaying to a W boson and a Higgs boson in proton-proton collisions at. <i>European Physical Journal C</i> , 2021 , 81, 688	4.2	0
238	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> , 2021 , 81, 723	4.2	3
237	Measurement of branching fractions and search for CP violation in $D^0 \rightarrow \pi^+\pi^-D^0 \rightarrow K^+K^-$ and $D^0 \rightarrow \pi^+\pi^0$ at Belle. <i>Journal of High Energy Physics</i> , 2021 , 2021, 1	5.4	0
236	Measurements of angular distance and momentum ratio distributions in three-jet and + two-jet final states in collisions. <i>European Physical Journal C</i> , 2021 , 81, 852	4.2	0
235	Precision luminosity measurement in proton-proton collisions at in 2015 and 2016 at CMS. <i>European Physical Journal C</i> , 2021 , 81, 800	4.2	7
234	Measurement of Differential Branching Fractions of Inclusive $B \rightarrow X_{u,c} \pi^0 \pi^0$ Decays. <i>Physical Review Letters</i> , 2021 , 127, 261801	7.4	0
233	Performance of the CMS Level-1 trigger in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P10017-P10017	1	23
232	Muon flavor violation in two-Higgs-doublet model with extra Yukawa couplings. <i>Physical Review D</i> , 2020 , 102,	4.9	8
231	Sub-TeV H^{\pm} Boson Production as Probe of Extra Top Yukawa Couplings. <i>Physical Review Letters</i> , 2020 , 125, 221801	7.4	7
230	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> , 2020 , 2020, 1	5.4	12

229	Constraining the $t \rightarrow u$ flavor changing neutral Higgs coupling at the LHC. <i>Physical Review D</i> , 2020 , 102,	4.9	8
228	Measurement of $R(D)$ and $R(D^{(*)})$ with a Semileptonic Tagging Method. <i>Physical Review Letters</i> , 2020 , 124, 161803	7.4	18
227	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> , 2020 , 2020, 1	5.4	8
226	Mixed higher-order anisotropic flow and nonlinear response coefficients of charged particles in collisions at and 5.02. <i>European Physical Journal C</i> , 2020 , 80, 534	4.2	6
225	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> , 2020 , 80, 75	4.2	24
224	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> , 2020 , 80, 3	4.2	16
223	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. <i>European Physical Journal C</i> , 2020 , 80, 4	4.2	61
222	Search for lepton flavour violating decays of a neutral heavy Higgs boson to $\bar{\nu} \nu$ and $e \mu$ in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	6
221	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> , 2020 , 2020, 1	5.4	11
220	Cancellation mechanism for the electron electric dipole moment connected with the baryon asymmetry of the Universe. <i>Physical Review D</i> , 2020 , 101,	4.9	19
219	Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $(\sqrt{s}) = 13$ TeV. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	7
218	Measurement of single-diffractive dijet production in proton-proton collisions at with the CMS and TOTEM experiments. <i>European Physical Journal C</i> , 2020 , 80, 1164	4.2	0
217	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. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	16
216	First search for the $B_2(1D)$ in B decays at Belle. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	1
215	Enhanced $B \rightarrow \bar{\nu} \nu$ decay at tree level as probe of extra Yukawa couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2020 , 800, 135105	4.2	12
214	A Deep Neural Network for Simultaneous Estimation of b Jet Energy and Resolution. <i>Computing and Software for Big Science</i> , 2020 , 4, 10	6	3
213	Performance of the reconstruction and identification of high-momentum muons in proton-proton collisions at $\sqrt{s} = 13$ TeV. <i>Journal of Instrumentation</i> , 2020 , 15, P02027-P02027	1	11
212	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> , 2020 , 2020, 1	5.4	13

211	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> , 2020 , 2020, 1	5.4	18
210	Production of tZ and $t\bar{Z}$ in 2HDM: Prospects for discovery at the LHC. <i>Physical Review D</i> , 2020 , 101,	4.9	10
209	Coming decade of $h \rightarrow \mu\mu$ and $B \rightarrow \mu\mu$ Interplay in Flavor violation search. <i>Physical Review D</i> , 2020 , 101,	4.9	7
208	Observation of the Radiative Decays of $\chi(1S)$ to $\mu\mu c1$. <i>Physical Review Letters</i> , 2020 , 124, 122001	7.4	2
207	Search for $B^+ \rightarrow \mu\mu$ and $B^+ \rightarrow \mu N$ with inclusive tagging. <i>Physical Review D</i> , 2020 , 101,	4.9	9
206	Search for the pair production of light top squarks in the $e\bar{e}$ final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	4
205	Combined measurements of Higgs boson couplings in proton-proton collisions at. <i>European Physical Journal C</i> , 2019 , 79, 421	4.2	153
204	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> , 2019 , 2019, 1	5.4	10
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> , 2019 , 79, 368	4.2	27
202	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> , 2019 , 79, 280	4.2	12
201	Search for ($\overline{\text{t}}\text{H}$) production in the (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> , 2019 , 2019, 1	5.4	17
200	Perspectives and outlook from HEP window on the universe. <i>International Journal of Modern Physics A</i> , 2019 , 34, 1930002	1.2	5
199	Top-assisted di-Higgs boson production motivated by baryogenesis. <i>Physical Review D</i> , 2019 , 99,	4.9	13
198	Observation of $\chi(1620)^0$ and Evidence for $\chi(1690)^0$ in $\chi(c)^+ \rightarrow \mu^+ \bar{\nu}_\mu \mu^+$ Decays. <i>Physical Review Letters</i> , 2019 , 122, 072501	7.4	6
197	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> , 2019 , 2019, 1	5.4	7
196	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> , 2019 , 2019, 1	5.4	8
195	Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at. <i>European Physical Journal C</i> , 2019 , 79, 564	4.2	20
194	Flavor changing heavy Higgs interactions with leptons at hadron colliders. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 795, 371-378	4.2	12

193	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> , 2019 , 798, 134953	4.2	16
192	Observation of a new structure near 10.75 GeV in the energy dependence of the $e^+e^- \rightarrow nS$ ($n = 1, 2, 3$) cross sections. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	12
191	First measurement of the CKM angle β_3 with $B_{\text{d}} \rightarrow D(\{K\}_{\text{S}})^0$ K_{S} decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	3
190	Measurements of differential Z boson production cross sections in proton-proton collisions at (\sqrt{s}) = 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	11
189	Observation of Transverse Λ Hyperon Polarization in e^+e^- Annihilation at Belle. <i>Physical Review Letters</i> , 2019 , 122, 042001	7.4	8
188	Scalar leptoquark effects on $(B \rightarrow \mu \bar{\nu})$ decay. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	7
187	Measurement of the differential Drell-Yan cross section in proton-proton collisions at ($\sqrt{\text{mathrm{s}}}$) = 13 TeV. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	6
186	Search for a Light CP-odd Higgs Boson and Low-Mass Dark Matter at the Belle Experiment. <i>Physical Review Letters</i> , 2019 , 122, 011801	7.4	12
185	Searching for new scalar bosons via triple-top signature in $cg \rightarrow tS_0 \rightarrow ttt$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 379-384	4.2	30
184	Electroweak baryogenesis driven by extra top Yukawa couplings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 776, 402-406	4.2	45
183	Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s} = 13$. <i>European Physical Journal C</i> , 2018 , 78, 291	4.2	17
182	Measurements of the production cross section and the branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s} = 13$. <i>European Physical Journal C</i> , 2018 , 78, 165	4.2	29
181	Observation of $(\Xi_{\text{c}}(2930)^0)$ and updated measurement of $(B^{\pm} \rightarrow K^{\pm} \Lambda_{\text{c}}^{\pm} \bar{\Lambda}_{\text{c}}^{\pm})$ at Belle. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	15
180	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> , 2018 , 2018, 1	5.4	40
179	Observation of an Excited $\Lambda(1520)$ Baryon. <i>Physical Review Letters</i> , 2018 , 121, 052003	7.4	14
178	Unraveling the couplings of a Drell-Yan produced Z γ with heavy-flavor tagging. <i>Physical Review D</i> , 2018 , 98,	4.9	7
177	Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at $\sqrt{s} = 13$. <i>European Physical Journal C</i> , 2018 , 78, 140	4.2	20
176	Observation of $\psi(4S) \rightarrow \psi(1S) \gamma$. <i>Physical Review Letters</i> , 2018 , 121, 062001	7.4	5

175	Measurement of the Michel parameters $\bar{\eta}$ and $\bar{\kappa}$ in the radiative leptonic decay $\tau^+ \rightarrow e^+ \nu_\tau \bar{\nu}_e \gamma$. <i>Progress of Theoretical and Experimental Physics</i> , 2018 , 2018,	5.4	2
174	Measurements of the $(p \rightarrow Z)$ production cross section and the $(Z \rightarrow 4e)$ branching fraction, and constraints on anomalous triple gauge couplings at $(\sqrt{s} = 13, \text{TeV})$ 2018 , 78, 1		3
173	Search for $(\overline{t}tH)$ production in the all-jet final state in proton-proton collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	13
172	Approximate alignment in two-Higgs-doublet model with extra Yukawa couplings. <i>Europhysics Letters</i> , 2018 , 123, 11001	1.6	24
171	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	5.4	7
170	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> , 2018 , 2018, 1	5.4	6
169	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> , 2018 , 2018, 1	5.4	16
168	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> , 2018 , 2018, 1	5.4	37
167	First Evidence for $\cos 2\theta$ and Resolution of the Cabibbo-Kobayashi-Maskawa Quark-Mixing Unitarity Triangle Ambiguity. <i>Physical Review Letters</i> , 2018 , 121, 261801	7.4	4
166	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> , 2018 , 2018, 1	5.4	11
165	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> , 2018 , 2018, 1	5.4	9
164	Observation of $\psi(2S) \rightarrow \chi_b(1S)$ Decay. <i>Physical Review Letters</i> , 2018 , 121, 232001	7.4	3
163	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> , 2018 , 78, 1	4.2	10
162	Measurement of differential cross sections for boson production in association with jets in proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 965	4.2	19
161	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> , 2018 , 2018, 1	5.4	7
160	Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at. <i>European Physical Journal C</i> , 2018 , 78, 697	4.2	9
159	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> , 2018 , 2018, 1	5.4	15
158	Constraining a lighter exotic scalar via same-sign top. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 786, 212-216	4.2	21

157	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> , 2018 , 2018, 1	5.4	8
156	Search for dark matter produced in association with a Higgs boson decaying to $\tau\tau$ ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	7
155	Search for additional neutral MSSM Higgs bosons in the $\tau\tau$ final state in proton-proton collisions at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	42
154	Connecting Electroweak Symmetry Breaking and Flavor: A Light Dilaton D and a Sequential Heavy Quark Doublet Q . <i>Symmetry</i> , 2018 , 10, 312	2.7	
153	Probing for extra top Yukawa couplings in light of the $t\bar{t}h$ (125) observation. <i>Physical Review D</i> , 2018 , 98,	4.9	11
152	Search for a heavy resonance decaying into a Z boson and a vector boson in the $(\nu\bar{\nu})$ final state. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	6
151	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> , 2018 , 2018, 1	5.4	19
150	Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying τ leptons at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	23
149	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> , 2018 , 2018, 1	5.4	16
148	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> , 2018 , 2018, 1	5.4	20
147	Search for $B^{\pm} \rightarrow \tau^{\pm} \nu_{\tau}$ Decays at the Belle Experiment. <i>Physical Review Letters</i> , 2018 , 121, 031801	7.4	10
146	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> , 2018 , 2018, 1	5.4	10
145	Measurement of the inelastic proton-proton cross section at ($\sqrt{s}=13$) TeV. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	41
144	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> , 2018 , 2018, 1	5.4	63
143	Inclusive study of bottomonium production in association with an (η) meson in (e^+e^-) annihilations near ($\Upsilon(5S)$). <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	4
142	Observation of $D^0 \rightarrow \tau^+ \tau^-$ and Search for CP Violation in Radiative Charm Decays. <i>Physical Review Letters</i> , 2017 , 118, 051801	7.4	9
141	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> , 2017 , 2017, 1	5.4	34
140	Charged-particle nuclear modification factors in PbPb and pPb collisions at ($\sqrt{s_{\text{N,N}}}=5.02$) TeV. <i>Journal of High Energy Physics</i> , 2017 , 2017, 1	5.4	64

139	Probing extra Yukawa couplings by precision measurements of Higgs boson properties. <i>Physical Review D</i> , 2017 , 96,	4.9	6
138	Lepton-Flavor-Dependent Angular Analysis of $B \rightarrow K^{*0} \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2017 , 118, 111801.	7.4	131
137	Flavor physics and CP violation. <i>Progress in Particle and Nuclear Physics</i> , 2017 , 97, 261-311	10.6	15
136	Evidence for Isospin Violation and Measurement of CP Asymmetries in $B \rightarrow K^{*0} \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2017 , 119, 191802	7.4	10
135	Search for CP Violation and Measurement of the Branching Fraction in the Decay $D^0 \rightarrow K_S^0 K_S^0$. <i>Physical Review Letters</i> , 2017 , 119, 171801	7.4	14
134	Measurement of the Lepton Polarization and $R(D^{*0})$ in the Decay $B \rightarrow D^{*0} \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2017 , 118, 211801	7.4	229
133	Searches for pair production of third-generation squarks in pp collisions. <i>European Physical Journal C</i> , 2017 , 77, 327	4.2	17
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130	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> , 2017 , 2017, 1	5.4	12
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127	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> , 2017 , 77, 578	4.2	21
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124	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> , 2017 , 77, 636	4.2	20
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113	Event generator tunes obtained from underlying event and multiparton scattering measurements. <i>European Physical Journal C</i> , 2016 , 76, 155	4.2	250
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110	Measurement of the double-differential inclusive jet cross section in proton-proton collisions at [Formula: see text]. <i>European Physical Journal C</i> , 2016 , 76, 451	4.2	36
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