

Dipanwita Dutta

List of Publications by Year in descending order

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Version: 2024-02-01

164
papers

5,464
citations

117625

34
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91884

69
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170
all docs

170
docs citations

170
times ranked

6698
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of prompt charged-particle production in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	9
2	Study of Λ_c^+ decays to charmonia and three light hadrons. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
3	Search for the radiative χ_{b0} decay. Journal of High Energy Physics, 2022, 2022, 1.	4.7	4
4	Measurement of the W boson mass. Journal of High Energy Physics, 2022, 2022, 1.	4.7	52
5	Analysis of Neutral Meson Decays into Two Muons. Physical Review Letters, 2022, 128, 041801.	7.8	46
6	Measurement of $\Upsilon(3872)$ production in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
7	Measurement of $\Upsilon(3872)$ production in proton-proton collisions at $\sqrt{s} = 8$ and 13 TeV. Journal of High Energy Physics, 2022, 2022, 1.	7.8	33
8	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. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
9	Study of Z Bosons Produced in Association with Charm in the Forward Region. Physical Review Letters, 2022, 128, 082001.	7.8	11
10	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. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
11	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.	4.7	1
12	Observation of $\Lambda_b^0 \rightarrow D^+ \pi^-$ and $\Lambda_b^0 \rightarrow D^{*+} \pi^-$ decays. Journal of High Energy Physics, 2022, 2022, 1.	4.7	0
13	Probing collective enhancement in nuclear level density with evaporation particle spectra. Physical Review C, 2022, 105, .	2.9	1
14	Searches for rare B_s^0 and B_0 decays into four muons. Journal of High Energy Physics, 2022, 2022, 1.	4.7	3
15	Measurement of the Nuclear Modification Factor and Prompt Charged Particle Production in $\sqrt{s} = 2.76$ TeV Pb-Pb Collisions. Physical Review Letters, 2022, 128, 082001.	7.8	10
16	Search for low-mass dilepton resonances in Higgs boson decays to four-lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, 290.	3.9	18
17	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. Journal of High Energy Physics, 2022, 2022, 1.	4.7	13
18	Search for long-lived particles decaying into muon pairs in proton-proton collisions at $\sqrt{s} = 13$ TeV collected with a dedicated high-rate data stream. Journal of High Energy Physics, 2022, 2022, .	4.7	5

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19	Search for a right-handed W boson and a heavy neutrino in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	12
20	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. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
21	Study of charmonium and charmonium-like contributions in $B \rightarrow J/\psi K$ decays. Journal of High Energy Physics, 2022, 2022, 1.	4.7	3
22	Search for heavy resonances decaying to ZZ or ZW and axion-like particles mediating nonresonant ZZ or ZH production at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
23	Measurement and QCD analysis of double-differential inclusive jet cross sections in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
24	Observation of Two New Excited χ_{c0} States Decaying to $B^0 K^0$. Physical Review Letters, 2021, 126, 081804.	7.8	10
25	Search for massive long-lived particles decaying semileptonically at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, .	3.9	2
26	Measurement of the inclusive $t\bar{t}$ production cross section in proton-proton collisions at $\sqrt{s} = 5.02$ TeV. Journal of High Energy Physics, 2022, 2022, 1.	4.7	2
27	Observation of the doubly charmed baryon decay $\Xi_{cc}^{++} \rightarrow \Xi_{cc}^{\prime} \pi^+$. Journal of High Energy Physics, 2022, 2022, .	4.7	10
28	Search for the decay $B_0 \rightarrow \bar{D}^* \pi^+$. Journal of High Energy Physics, 2022, 2022, 1.	4.7	1
29	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, .	4.7	2
30	Search for higgsinos decaying to two Higgs bosons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2022, 2022, .	4.7	4
31	Study of $B_s \rightarrow J/\psi K^* K^*$ decays. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
32	First Observation of the Decay $B_c \rightarrow D^* K^* \pi^+$ and a Measurement of $B_c \rightarrow D^* K^* \pi^+$. Physical Review Letters, 2021, 126, 081804.	7.8	20
33	Measurement of differential $b\bar{b}$ - and $c\bar{c}$ -dijet cross-sections in the forward region of pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
34	Measurement of the CKM angle β_3 in $B_{d,s} \rightarrow D^* K^* K^*$ and $B_{d,s} \rightarrow D^* K^* K^*$ decays with $D^* \rightarrow K^* \pi^+$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	6
35	Search for long-lived particles decaying to $e^+ \mu^- \mu^+ \mu^-$. European Physical Journal C, 2021, 81, 1.	3.9	9
36	Observation of a New Excited D^* Meson in $D^* \rightarrow D^* \pi^+$ and a Measurement of $D^* \rightarrow D^* \pi^+$. Physical Review Letters, 2021, 126, 122002.	7.8	20

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37	Measurement of the CKM angle $\hat{\beta}$ and B_s^0 mixing frequency with $B_s^0 \rightarrow D_s^{\pm} \pi^{\mp}$ decays. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
39	Observation of the $B_s^0 \rightarrow \hat{\pi}^+ D^{*+} K^0$ decay. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
40	Search for heavy neutral leptons in $W^+ \rightarrow \mu^+ \mu^{\pm} \nu$, ext $\{jet\}$ decays. European Physical Journal C, 2021, 81, 1.	3.9	15
41	Violation in the Decay $B \rightarrow K^* \pi$. Physical Review Letters, 2021, 126, 091802.	7.8	9
42	Observation of CP violation in two-body $B_{(s)}^0 \rightarrow \pi^+ \pi^-$ meson decays to charged pions and kaons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
43	Measurement of CP observables in $B_{\pm}^0 \rightarrow D^{(*)} K_{\pm}^0$ and $B_{\pm}^0 \rightarrow D^{(*)} \pi_{\pm}^0$ decays using two-body D final states. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
44	Search for the rare decay $B^0 \rightarrow \hat{\pi}^+ J/\psi K^0$. Chinese Physics C, 2021, 45, 043001.	3.7	2
45	Measurement of the branching fraction of the $B^0 \rightarrow D^+ \pi^-$ decay. European Physical Journal C, 2021, 81, 1.	3.9	6
46	Angular Analysis of the $B^0 \rightarrow K^* \pi^0$ Decay. Physical Review Letters, 2021, 126, 161802.	7.8	96
47	Observation of the decay $\Lambda_b^0 \rightarrow \hat{\pi}^+ \pi^-$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
48	Searches for 25 rare and forbidden decays of D^+ and D_s^+ mesons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
49	Angular analysis of $D^+ \rightarrow D_s^+ \pi^0$ with $D_s^+ \rightarrow D_s^+ \gamma$ decays. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
50	Measurements of production cross sections of the Higgs boson in the four-lepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2021, 81, 488.	3.9	35
51	Search for CP violation in $D_{(s)}^+ \rightarrow h^+ \pi^0$ and $D_{(s)}^+ \rightarrow h^+ \eta$ decays. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
52	Measurements of Higgs boson production cross sections and couplings in the diphoton decay channel at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	27
53	Measurement of the branching fraction of the $B^0 \rightarrow K^* \pi^0$ decay. Physical Review Letters, 2021, 126, 161802.	7.8	93
54	Search for the doubly charmed baryon $\hat{\chi}_{cc}$. Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	5.1	10

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55	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2021, 127, 111801.	7.8	23
56	Precision luminosity measurement in proton-proton collisions at $\sqrt{s} = 13, 13.6$ TeV in 2015 and 2016 at CMS. European Physical Journal C, 2021, 81, 800.	3.9	123
57	Measurement of the B_c meson mass and $B_c \rightarrow \tau \nu_\tau$ branching fraction. Physical Review Letters, 2021, 127, 111801.	7.8	23
58	Observation of a Λ_b^0 production asymmetry in proton-proton collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
59	Angular analysis of the rare decay $B_s^0 \rightarrow \tau^+ \bar{\nu}_\tau \ell^+ \ell^-$. Journal of High Energy Physics, 2021, 2021, 1.	4.7	28
60	First measurement of the CP-violating phase in $B^0 \rightarrow \psi \ell^+ \ell^-$. Journal of High Energy Physics, 2021, 2021, 1.	3.9	2
61	Measurement of J/ψ production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	4.7	5
62	Simultaneous determination of CKM angle $\hat{\beta}^3$ and charm mixing parameters. Journal of High Energy Physics, 2021, 2021, 1.	4.7	18
63	Search for the doubly charmed baryon Ξ_{cc}^{++} in the $\Xi_{cc}^{++} \rightarrow \psi \ell^+ \ell^-$ final state. Journal of High Energy Physics, 2021, 2021, 1.	4.7	8
64	Updated search for B_c^+ decays to two charm mesons. Journal of High Energy Physics, 2021, 2021, 1.	4.7	0
65	Search for the doubly charmed baryon Ξ_{cc}^{++} . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35
66	Observation of Enhanced Double Parton Scattering in Proton-Lead Collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Physical Review Letters, 2020, 125, 212001.	7.8	10
67	Precision measurement of the B_c^+ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
68	Isospin Amplitudes in $B_c^+ \rightarrow \tau^+ \nu_\tau \ell^+ \ell^-$. Journal of High Energy Physics, 2021, 2021, 1.		

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73	Search for the Rare Decays $B \rightarrow s \ell^+ \ell^-$ Physical Review Letters, 2020, 124, 211802.	7.8	16
74	Test of lepton universality with $\Lambda_b \rightarrow p K^+ \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	31
75	Observation of New Baryons Decaying to $\Lambda_c^+ \rightarrow p \bar{K}^0$ Baryons. Physical Review Letters, 2020, 124, 082002.	7.8	45
76	First Observation of Excited $\Lambda_c^+ \rightarrow p \bar{K}^0 \pi^+$ States. Physical Review Letters, 2020, 124, 082002.	7.8	44
77	Measurement of the $\Lambda_b \rightarrow \Lambda^0 \ell^+ \ell^-$ angular distribution and the $\Lambda_b \rightarrow \Lambda^0$ polarisation in pp collisions. Journal of High Energy Physics, 2020, 2020, 1.	4.7	11
78	Measurement of C and P -Averaged Observables in the $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2020, 125, 011802.	7.8	128
79	Measurement of CP observables in $B^0 \rightarrow D^+ K^- \pi^+$ and $B^0 \rightarrow D^+ K^- \pi^0$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	4
80	Precision measurement of the χ_{cc}^{++} mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
81	Observation of Several Sources of $B \rightarrow K^* \ell^+ \ell^-$ Violation in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2020, 124, 031801.	7.8	32
82	Extraction and validation of a new set of CMS pythia8 tunes from underlying-event measurements. European Physical Journal C, 2020, 80, 4.	3.9	198
83	Search for $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2020, 124, 041801.	7.8	148
84	Search for the lepton flavour violating decay $B \rightarrow K^* \ell^+ \ell^-$, using $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
85	Observation of a new baryon state in the $\Lambda_b \rightarrow \Lambda^0 \pi^+ \pi^-$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
86	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
87	Search for the doubly heavy Ξ_{bc}^0 baryon via decays to $D^0 p K^+$. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
88	Strong constraints on the $b \rightarrow s \gamma$ photon polarisation from $B^0 \rightarrow K^* e^+ e^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	19
89	Measurement of the $\sigma(\eta(1S) \text{ production})$ in $pp \rightarrow \eta(1S) p$ collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	17
90	Search for CP violation in $\chi_{cc}^{++} \rightarrow p K^+ \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	3.9	14

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91	Measurement of branching fraction ratios for $B^+ \rightarrow D^{*+} D^0 K^+$, $B^+ \rightarrow D^{*+} D^0 K^+$, and $B^0 \rightarrow D^{*+} D^0 K^+$ decays. Journal of High Energy Physics, 2020, 2020, .	4.7	1
92	Measurement of the shape of the $B^0 \rightarrow D^0 \pi^+ \pi^-$ differential decay rate. Journal of High Energy Physics, 2020, 2020, 1.	4.7	7
93	Observation of the semileptonic decay $B^0 \rightarrow \rho^+ \pi^- \mu^+ \mu^-$. Journal of High Energy Physics, 2020, 2020, .	4.7	4
94	Measurement of CP violation in $B^0 \rightarrow D^+ D^- K^0$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	2
95	Study of the $B^0 \rightarrow \pi^+ K^0$ decay with an amplitude analysis of $B^0 \rightarrow \pi^+ (K^0 \rightarrow \pi^+ \pi^-)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
96	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \pi^+ \pi^- (2S)$ and $B^0 \rightarrow \pi^+ \pi^-$. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
97	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
98	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- K^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
99	First Observation of the Radiative Decay $B^0 \rightarrow \pi^+ \pi^- \gamma$. Physical Review Letters, 2019, 123, 031801.	7.8	19
100	Measurement of the branching fraction and CP asymmetry in $B^0 \rightarrow \pi^+ \pi^-$ decays. European Physical Journal C, 2019, 79, 1.	3.9	3
101	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	7.8	55
102	Near-threshold $D^0 \overline{D}^0$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
103	Amplitude analysis of the $B^0 \rightarrow K^0 \overline{K}^0$ decays and measurement of the branching fraction of the $B^0 \rightarrow K^0 \overline{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
104	Observation of New Resonances in the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. Physical Review Letters, 2019, 123, 152001.	7.8	49
105	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \pi^+ \pi^-$ decays. European Physical Journal C, 2019, 79, 1.	3.9	20
106	Measurement of CP observables in the process $B^0 \rightarrow DK^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
107	Search for the rare decay $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. European Physical Journal C, 2019, 79, 1.	3.9	11
108	Observation of the $B^0 \rightarrow \chi_{c1} \pi^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7

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109	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	7.8	15
110	Search for CP Violation in $D_s \rightarrow \tau^+ K_S^0 \ell^-$, $D \rightarrow \tau^+ K_S^0 K^+$, and $D \rightarrow \tau^+ \bar{l} \ell^+$ Decays. Physical Review Letters, 2019, 122, 191803.	7.8	9
111	Observation of $B \rightarrow s \tau^+ \tau^-$ and $B \rightarrow c \tau^+ \tau^-$ Decays. Physical Review Letters, 2019, 122, 211803.	7.8	9
112	Observation of CP Violation in Charm Decays. Physical Review Letters, 2019, 122, 211803.	7.8	157
113	Observation of an Excited B_c State. Physical Review Letters, 2019, 122, 232001.	7.8	143
114	Search for Lepton-Universality Violation in $B \rightarrow K \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 191803.	7.8	355
115	Observation of the doubly Cabibbo-suppressed decay $\bar{B} \rightarrow \bar{c} \ell^+ \bar{\nu}_\ell \pi^+$. Journal of High Energy Physics, 2019, 2019, 1.	7.8	2
116	Model-Independent Observation of Exotic Contributions to $B \rightarrow \tau^+ \tau^-$ Decays. Physical Review Letters, 2019, 122, 152002.	7.8	24
117	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
118	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	7.8	48
119	Prompt $b \rightarrow c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14
120	A search for χ_{cc}^{++} decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
121	Measurement of CP violation in the $B_s \rightarrow \phi \phi$ decay and search for the $B \rightarrow \tau^+ \bar{l} \ell^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
122	Search for Lepton-Flavor Violating Decays $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$. Physical Review Letters, 2019, 123, 241802.	7.8	18
123	Measurement of $B \rightarrow s \tau^+ \tau^-$ and $B \rightarrow c \tau^+ \tau^-$ Decays. Physical Review Letters, 2019, 122, 211803.	7.8	10
124	Search for Lepton-Flavor Violating Decays $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$. Physical Review Letters, 2019, 123, 241802.	7.8	18
125	Amplitude Analysis of $B \rightarrow s \tau^+ \tau^-$ and $B \rightarrow c \tau^+ \tau^-$ Decays. Physical Review Letters, 2019, 123, 231802.	7.8	38
126	Amplitude Analysis of $B \rightarrow s \tau^+ \tau^-$ and $B \rightarrow c \tau^+ \tau^-$ Decays. Physical Review Letters, 2019, 123, 231802.	7.8	38

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127	Measurement of Charged Hadron Production in Z -Tagged Jets in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	7.8	10
128	Observation of Two Resonances in the $B^0 \rightarrow \pi^+ \pi^-$ System and Precise Measurement of $\arg(\frac{\Gamma_{12}}{\Gamma_{21}})$. Journal of High Energy Physics, 2018, 2018, 1.	7.8	48
129	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15
130	Measurement of CP asymmetry in $B^0 \rightarrow \pi^+ \pi^- K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
131	First measurement of the CP-violating phase $\phi_s^{\overline{d}}$ in $B^0 \rightarrow (K^+ \pi^-) (K^+ \pi^-)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
132	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
133	Study of $\tilde{\chi}^0$ production in pPb collisions at $\sqrt{s_{\text{NN}}} = 8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
134	Search for beautiful tetraquarks in the $\tilde{\chi}^0(1S) \frac{1}{4} + \frac{1}{4} \tilde{\chi}^0$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	4.7	39
135	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	3.9	9
136	Evidence for an $\eta_c(1S) \pi^+ \pi^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.		

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145	Measurement of $Z \rightarrow \bar{c}, c, \bar{s}, s$ production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
146	First Observation of the Doubly Charmed Baryon Decay χ_{cc}^{\pm} . Physical Review Letters, 2018, 121, 072002.	7.8	122
147	Measurement of the CKM angle β using $B_{d,s}^{\pm} \rightarrow DK_{\pm}^* \chi_{cc}^{\pm}$ with $D \rightarrow K^* \pi, K^* \rho, K^* \omega$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
148	Measurement of D_{s1}^{\pm} production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
149	Measurement of Angular and Asymmetries in $B_{d,s}^{\pm} \rightarrow D^* \chi_{cc}^{\pm}$. Physical Review Letters, 2018, 121, 072002.	7.8	13
150	Measurement of the χ_{cc}^{\pm} Baryon Lifetime. Physical Review Letters, 2018, 121, 092003.	7.8	23
151	Evidence for the decay $B_{d,s}^{\pm} \rightarrow \bar{c} \bar{s} \pi^{\pm}$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
152	Observation of the decay $\bar{B}_{d,s}^0 \rightarrow \bar{c} \bar{s} \pi^0$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	8
153	Measurement of the CP asymmetry in $B_{d,s}^{\pm} \rightarrow D^* \chi_{cc}^{\pm}$ and $B_{d,s}^{\pm} \rightarrow D^* \chi_{cc}^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	2
154	Search for CP violation using triple product asymmetries in $\bar{B}_{d,s}^0 \rightarrow \bar{c} \bar{s} \pi^0$ and $\bar{B}_{d,s}^0 \rightarrow \bar{c} \bar{s} \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	11
155	Measurement of CP violation in $B_{d,s}^{\pm} \rightarrow D^* \chi_{cc}^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	4
156	Measurement of the Lifetime of the Doubly Charmed Baryon χ_{cc}^{\pm} . Physical Review Letters, 2018, 121, 072002.	7.8	76
157	Observation of a New $B_{d,s}^{\pm} \rightarrow D^* \chi_{cc}^{\pm}$ Resonance. Physical Review Letters, 2018, 121, 072002.	7.8	27
158	Evidence for the Rare Decay $B_{d,s}^{\pm} \rightarrow \bar{c} \bar{s} \pi^{\pm}$. Physical Review Letters, 2018, 120, 221803.	7.8	24
159	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.	4.7	29
160	Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	101
161	Event generator tunes obtained from underlying event and multiparton scattering measurements. European Physical Journal C, 2016, 76, 155.	3.9	499
162	Search for a very light NMSSM Higgs boson produced in decays of the 125 GeV scalar boson and decaying into \bar{l}, l , leptons in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	4.7	19

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163	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.	4.7	320
164	Measurements of inclusive W and Z cross sections in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2011, 2011, 1.	4.7	122