

Elena Graverini

List of Publications by Year in descending order

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Version: 2024-02-01

326
papers

15,024
citations

30047

54
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24232

110
g-index

338
all docs

338
docs citations

338
times ranked

8774
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of J/ψ Resonances Consistent with Pentaquark States in Λ_b Decays Measurement of the Ratio of Branching Fractions R_{B^0}	2.9	816
2			

#	ARTICLE	IF	CITATIONS
19	Observation of $C \rightarrow P$ Violation in Charm Decays. Physical Review Letters, 2019, 122, 211803.	2.9	157
20	Structures Consistent with Exotic States from Amplitude Analysis of $J/\psi \rightarrow \bar{l} l$. Physical Review Letters, 2015, 115, 161802.	2.9	150
21	Search for Hidden-Sector Bosons in $B \rightarrow K^* \mu^+ \mu^-$ Decays. Physical Review Letters, 2020, 124, 041801.	2.9	148
22	Search for Hidden-Sector Bosons in $B \rightarrow K^* \mu^+ \mu^-$ Decays. Physical Review Letters, 2015, 115, 161802.	2.9	138
23	-Averaged Observables in the First Observation of the Doubly Charmed Baryon Decay $K^* \rightarrow \mu^+ \mu^-$. Physical Review Letters, 2015, 115, 161802.	2.9	128
24	Search for Dark Photons Produced in 13.6 TeV Collisions. Physical Review Evidence for Exotic Hadron Contributions to $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2016, 117, 082003.	2.9	122
25	Collisions. Physical Review Evidence for Exotic Hadron Contributions to $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2016, 117, 082003.	2.9	113
26	Contributions to $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2016, 117, 082003.	2.9	110
27	HE-LHC: The High-Energy Large Hadron Collider. European Physical Journal: Special Topics, 2019, 228, 1109-1382.	1.2	108
28	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
29	Contributions to $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2016, 117, 082003.	2.9	102
30	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	100
31	Amplitude analysis of $B \rightarrow K^* \mu^+ \mu^-$. Physical Review D, 2017, 95, .	1.6	92
32	Search for Heavy Right Handed Neutrinos at the FCC-ee. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1883-1890.	0.2	89
33	Differential branching fraction and angular analysis of $B \rightarrow K^* \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
34	Search for the Decays $B \rightarrow K^* \mu^+ \mu^-$ and $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2017, 118, 251801.	2.9	81
35	Dalitz plot analysis of $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2017, 118, 251801.	1.6	80
36	Search for long-lived scalar particles in $B \rightarrow K^* \mu^+ \mu^-$. Physical Review Letters, 2017, 118, 251801.	1.6	79

#	ARTICLE	IF	CITATIONS
37	Search for Structure in the $B_s^0 \rightarrow B^0 \gamma$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	7.8	78
38	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	1.5	77
39	Observation of a New B_{cb} Meson Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^{++}	2.9	77
40	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^{++}	2.9	76
41	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays and the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
42	Measurement of the $\sigma_c(1S)$ production cross-section in proton-proton collisions via		

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55	Measurement of the exclusive Υ production cross-section in pp collisions at $\sqrt{s}=7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
56	Measurement of the b -Quark Production Cross Section in 7 and 13 TeV Collisions. Physical Review Letters, 2017, 118, 052002.	2.9	52
57	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow K + \Lambda_c^+ \Lambda_c^-$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
58	Measurement of hadron fractions in 13 TeV pp collisions. Physical Review Letters, 2017, 118, 052002.	1.6	51
59	First observation of an amplitude analysis of the $B \rightarrow K^* \rho^0$ decay. Physical Review Letters, 2016, 116, 022001.	1.6	50
60	Measurements of long-range near-side angular correlations in proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 362, 473-483.	1.5	49
61	Observation of New Resonances in the $B \rightarrow K^* \rho^0$ Decay. Physical Review Letters, 2019, 123, 152001.	2.9	49
62	Sensitivity of the SHiP experiment to Heavy Neutral Leptons. Journal of High Energy Physics, 2019, 2019, 1.	1.6	48
63	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	2.9	48
64	Search for the Lepton-Flavor-Violating Decays $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$ and $B \rightarrow \tau^+ \tau^- \ell^+ \ell^-$. Physical Review Letters, 2019, 123, 152001.	2.9	48
65	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	2.9	48
66	Observation of Two New $B \rightarrow K^* \rho^0$ Resonances. Physical Review Letters, 2015, 114, 062004.	2.9	47
67	Study of prompt D^0 meson production in pPb collisions at $\sqrt{s_{NN}}=5.76$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
68	Observation of New $B \rightarrow K^* \rho^0$ Resonances. Physical Review Letters, 2015, 114, 062004.	2.9	45
69	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
70	First Observation of Excited $B \rightarrow K^* \rho^0$ States. Physical Review Letters, 2020, 124, 082002.	2.9	44
71	Observation of an Excited $B \rightarrow K^* \rho^0$ State. Physical Review Letters, 2019, 122, 232001.	2.9	44
72	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	0.5	42

#	ARTICLE	IF	CITATIONS
73	Measurement of the Difference of Time-Integrated $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace;">C </mml:mi> P </mml:mi> </mml:math>$ Asymmetries in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace;">D </mml:mi> </mml:math>$ decays. Journal of High Energy Physics, 2020, 2020, 1.	2.9	42
74	Study of the $\tilde{\Gamma}(2(3823))$ and $\tilde{\Gamma}(1(3872))$ states in $B^+ \rightarrow (\tilde{\Gamma}(1(3872)) K^+) K^+$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	42
75	Amplitude analysis of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace;">B </mml:mi> </mml:math>$ decay. Physical Review D, 2020, 101, .	1.6	42
76	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
77	Measurement of Antiproton Production in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace;">p </mml:mi> \text{He} </mml:mi> </mml:math>$ Collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace;">\sqrt{s} </mml:math>$ Precision Measurement of the Mass and Lifetime of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace;">\tilde{\Gamma} </mml:mi> </mml:math>$	2.9	41
78	Precision Measurement of the Mass and Lifetime of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace;">\tilde{\Gamma} </mml:mi> </mml:math>$ Physical Review Letters, 2014, 113, 242002.	2.9	39
79	Study of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace;">J </mml:mi> </mml:math>$ Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
80	Search for beautiful tetraquarks in the $\tilde{\Gamma}(1S) \hat{1}/4 + \hat{1}/4 \hat{a}^{\prime}$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
81	Amplitude Analysis of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-family: monospace;">B </mml:mi> \hat{a}^{\pm} </mml:mi> </mml:math>$ Decays. Physical Review Letters, 2019, 123, 231802.	2.9	38
82	Measurement of the forward-backward asymmetry in $Z \hat{1}/3 \hat{a}^{\pm} - \hat{a}^{\prime} \hat{1}/4 + \hat{1}/4 \hat{a}^{\prime}$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
83	Production of associated Υ and open charm hadrons in pp collisions at $s = 7 \sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
84	Prompt and nonprompt J/ψ production and nuclear modification in p Pb collisions at $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" style="font-family: monospace;">\sqrt{s} </mml:math>$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.5	37
85	First measurement of the differential branching fraction and CP asymmetry of the $B \hat{a}^{\pm} \tilde{\Gamma} \hat{a}^{\pm} \hat{1}/4 + \hat{1}/4 \hat{a}^{\prime}$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
86	Measurements of prompt charm production cross-sections in pp collisions at $s = 5 \sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	35
87	Search for the doubly charmed baryon $\Xi_{cc}^+ +$. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	35
88	Measurement of the J/ψ pair production cross-section in pp collisions at $s = 13 \sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
89	Angular moments of the decay $\tilde{\Gamma} \hat{1}/4 + \hat{1}/4 \hat{a}^{\prime}$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
90	Measurement of forward $Z \hat{a}^{\prime} e^+ e^{\prime}$ production at $s = 8 \sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33

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91	Precision measurement of the χ_{cc}^{++} mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	33
92	Measurement of the Semileptonic Asymmetry in $B \rightarrow 0$.	2.9	32
93	Search for the lepton flavour violating decay $\tilde{l}, \hat{\nu} \hat{\nu} \hat{\nu} \hat{\nu} + \hat{\nu} \hat{\nu} \hat{\nu} \hat{\nu}$. Journal of High Energy Physics, 2015, 2015, 1.	1.5	32
94	Observation of Several Sources of Violation in $B \rightarrow 0$.	2.9	32
95	Search for Violations of Lorentz Invariance and Symmetry in $B \rightarrow 0$.	1.5	31
96	Test of lepton universality with $\Lambda_b \rightarrow 0$ decays. Journal of High Energy Physics, 2020, 2020, 1.	2.9	31
97	Amplitude analysis of $B \rightarrow 0$.	1.6	30
98	Physical Review D, 2015, 92.	2.9	30
99	Forward production of Υ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
100	Angular analysis of the $B \rightarrow 0$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
101	Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, .	1.6	30
102	Measurement of the lifetime of the B_c meson using the $B_c \rightarrow 0$ decay.	2.9	29
103	Measurement of the CKM angle β from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
104	Measurement of the shape of the $B \rightarrow 0$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
105	Near-threshold D spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
106	Observation of the Decays $B \rightarrow 0$ and $B \rightarrow 0$. Physical Review Letters, 2017, 119, 062001.	2.9	28

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109	Studies of the resonance structure in $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$ decays. European Physical Journal C, 2018, 78, 443. Measurement of $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$ decays. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	1.4	28
110	Measurement of $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$ decays. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	1.6	28
111	Oscillations in $B^0 \rightarrow K^0$ decays. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	2.9	27
112	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
113	The experimental facility for the Search for Hidden Particles at the CERN SPS. Journal of Instrumentation, 2019, 14, P03025-P03025.	0.5	26
114	Fast simulation of muons produced at the SHiP experiment using Generative Adversarial Networks. Journal of Instrumentation, 2019, 14, P11028-P11028.	0.5	26
115	Evidence for the Strangeness-Changing Weak Decay $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	2.9	25
116	Observation of the Annihilation Decay Mode $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	2.9	25
117	Observation of $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$ decays. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	2.9	25
118	Observations of $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$ and $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$ decays and searches for other Λ_c^+ decays to Λ_c^0 final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
119	Evidence for the Rare Decay $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	2.9	24
120	Model-independent Observation of Exotic Contributions to $\Lambda_c^+ \rightarrow K^+ \Lambda_c^0$ decays. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	2.9	24
121	Observation of a new baryon state in the Λ_c^+ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
122	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	23
123	Measurement of the Λ_c^+ Baryon Lifetime. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	2.9	23
124	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
125	Study of W boson production in association with beauty and charm. Physical Review D, 2015, 92.	1.6	22
126	Measurement of the C Asymmetry in $B^0 \rightarrow K^0$ decays. $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle$	2.9	22

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127	Precise measurements of the properties of the $B_1(5721)0,+$ and $B_2^*(5747)0,+$ states and observation of $B_{+,0}\tilde{c}^+$, mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
128	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
129	Measurement of the properties of the \tilde{b} baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
130	Observation of the decay $B^0 \rightarrow B^+ \pi^-$ and evidence for $B^0 \rightarrow B^+ \pi^-$ and $B^0 \rightarrow B^+ \pi^-$. Physical Review Letters, 2017, 95, .	1.6	21
131	Meson Decays to $B^0 \rightarrow B^+ \pi^-$ and $B^0 \rightarrow B^+ \pi^-$. Physical Review Letters, 2017, 119, 181805.	2.9	21
132	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \mu^- e^+$. Journal of High Energy Physics, 2018, 2018, 1.	2.9	21
133	Testing lepton flavour universality in semileptonic $\hat{b} \rightarrow \hat{c} \tau^+ \mu^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
134	Determination of quantum numbers for several excited charmed mesons observed in $B^+ \rightarrow D^* \tilde{c}^+$ decays. Physical Review D, 2020, 101, .	1.6	21
135	Search for CP violation in $B^0 \rightarrow D^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.6	20
136	Study of B_c^+ decays to the $K^+ \tilde{c}^+$ final state and evidence for the decay $B_c^+ \rightarrow K^+ \tilde{c}^+$. Physical Review D, 2016, 94, .	1.6	20
137	Search for the lepton-flavour violating decay $D^0 \rightarrow \tau^+ \mu^- e^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
138	Measurement of CP observables in $B^+ \rightarrow D^+ K^0$ and $B^+ \rightarrow D^+ \tilde{c}^+$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	1.5	20
139	Studies of the resonance structure in $B^0 \rightarrow D^+ \pi^-$ decays. Physical Review D, 2016, 93, .	1.6	20
140	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
141	The active muon shield in the SHiP experiment. Journal of Instrumentation, 2017, 12, P05011-P05011.	0.5	20
142	Measurement of the CP Violation Parameter A_{FB}^0 in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \tilde{c}^+ \tilde{c}^-$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
143	Evidence for the decay $B^0 \rightarrow S^0 \overline{K}^0 \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
144	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	1.6	20

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163	Observation of the $\hat{b}\hat{b}^*\hat{t}^*/\hat{t}^*\hat{K}\hat{a}^*$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
164	Measurement of the $B\hat{A}\pm$ production cross-section in pp collisions at $s = 7 \sqrt{s}=7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
165	Search for the rare decay $\hat{b}\hat{b}^*\hat{t}^*/\hat{t}^*\hat{K}\hat{a}^*$. Journal of High Energy Physics, 2017, 2017, .	1.6	17
166	Measurement of the $B\hat{A}\pm$ production cross-section in pp collisions at $s = 7 \sqrt{s}=7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
167	Measurement of the $B\hat{A}\pm$ production cross-section in pp collisions at $s = 13 \sqrt{s}=13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	17
168	$\hat{c}\hat{b}$ flavour tagging using charm decays at the LHCb experiment. Journal of Instrumentation, 2015, 10, P10005-P10005.	0.5	16
169	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $s = 8 \sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
170	Study of $\hat{\eta}$ production in pPb collisions at $s_{\text{NN}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
171	Search for the Rare Decays $\hat{b}\hat{b}^*\hat{t}^*/\hat{t}^*\hat{K}\hat{a}^*$. Physical Review Letters, 2020, 124, 211802.	1.6	16
172	Measurement of $\hat{b}\hat{b}^*\hat{t}^*/\hat{t}^*\hat{K}\hat{a}^*$ production in pp collisions at $\sqrt{s}=13$ TeV. Chinese Physics C, 2020, 44, 022001.	1.5	16
173	Measurement of CP violation parameters and polarisation fractions in $B\hat{s} \rightarrow \hat{t}^* \hat{J} / \hat{t}^* \hat{K} \hat{A}^* \hat{a}^* \rightarrow 0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
174	Differential branching fraction and angular moments analysis of the decay $B\hat{0} \hat{a}^* \hat{K} + \hat{t}^* \hat{K} \hat{A}^* \hat{a}^* \rightarrow 0$ in the $K\hat{0}, 2 \hat{a}^*_{1,2}$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
175	Measurement of $\hat{b}\hat{b}^*\hat{t}^*/\hat{t}^*\hat{K}\hat{a}^*$ production cross-section in pp collisions at $s = 13 \sqrt{s}=13$ TeV. Physical Review Letters, 2017, 119, 181801.	2.9	15
176	Observation of the suppressed decay $\hat{b}\hat{b}^*\hat{t}^*/\hat{t}^*\hat{K}\hat{a}^*$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
177	First Observation of the Rare Purely Baryonic Decay $B\hat{0}\hat{a}^*\hat{p}\hat{p}\hat{A}^*$. Physical Review Letters, 2017, 119, 232001.	2.9	15
178	Search for excited B c + states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
179	Measurement of CP observables in $B\hat{A}\pm\hat{a}^*\hat{D}(\hat{a}^*)\hat{K}\hat{A}\pm$ and $B\hat{A}\pm\hat{a}^*\hat{D}(\hat{a}^*)\hat{K}\hat{A}\pm$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.5	15
180	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15

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181	Measurement of $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 1em;">\frac{B(B_c \rightarrow \bar{c} \bar{s})}{B(B_c \rightarrow \bar{c} \bar{d})} \rangle$ with the modes $\bar{c} \bar{s}$ and $\bar{c} \bar{d}$. Physical Review Letters, 2020, 124, 122002.	2.9	15
182	Study of CP violation in $B \rightarrow \bar{c} \bar{d} h^0$ ($h = K, \bar{K}^0$) with the modes $\bar{c} \bar{d}$ and $\bar{c} \bar{s}$. Physical Review D, 2015, 91, .	1.6	14
183	Measurement of the branching fraction ratio $B(B_c \rightarrow \bar{c} \bar{d}) / B(B_c \rightarrow \bar{c} \bar{s})$. Physical Review D, 2015, 92, .	1.6	14
184	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
185	Observation of the $B \rightarrow \bar{c} \bar{d} h^0$ decay from an amplitude analysis of $B \rightarrow \bar{c} \bar{d} h^0$ ($h^0 = K^0, \bar{K}^0$) decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
186	Observation of the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" style="font-size: 1em;">\frac{B(B_c \rightarrow \bar{c} \bar{d})}{B(B_c \rightarrow \bar{c} \bar{s})} \rangle$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
187	Study of $\bar{c} \bar{s}$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
188	First Observation of a Baryonic $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" style="font-size: 1em;">\frac{B(B_c \rightarrow \bar{c} \bar{d})}{B(B_c \rightarrow \bar{c} \bar{s})} \rangle$ Decay. Physical Review Letters, 2017, 119, 041802.	1.6	14
189	A measurement of the CP asymmetry difference between $\bar{c} \bar{d}$ and $\bar{c} \bar{s}$ decays. Journal of High Energy Physics, 2018, 2018, .	1.8	14
190	Amplitude Analysis of the Decay $B \rightarrow \bar{c} \bar{d} K^0$ and First Observation of the CP Asymmetry in $B \rightarrow \bar{c} \bar{d} K^0$. Physical Review Letters, 2018, 120, 261801.	2.9	14
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310	Measurement of the branching fraction of the decay $B^+ \rightarrow D^0 D^{*0} \rho^+ \pi^+ \pi^+ \pi^+ \pi^+$. Physical Review D, 2020, 102, .	1.6	3
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