

Maurizio Martinelli

List of Publications by Year in descending order

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Version: 2024-02-01

303
papers

12,268
citations

41258

49
h-index

34900

98
g-index

315
all docs

315
docs citations

315
times ranked

8076
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	Amplitude analysis of the $B \rightarrow D^* K^0$ decays. Physical Review D, 2020, 102, .	1.6	117
20	Search for Dark Photons Produced in 13 TeV Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
21	Model-independent Study of Structure in $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2018, 120, 061801.	2.9	111
22	Evidence for Exotic Hadron Contributions to $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2016, 117, 082003.	2.9	110
23	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
24	Model-independent Evidence for Contributions to $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2016, 117, 082003.	2.9	102
25	Measurements of prompt charm production cross-sections in pp collisions at $s = 13\sqrt{s} = 13\sqrt{s}$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	100
26	Amplitude analysis of $B \rightarrow D^* K^0$ decays. Physical Review D, 2017, 95, .	1.6	92
27	Differential branching fraction and angular analysis of $B \rightarrow D^* K^0$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
28	Search for the Decays $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^0$. Physical Review Letters, 2017, 118, 251801.	2.9	81
29	Daily plot analysis of $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2017, 118, 251801.	1.6	80
30	Search for long-lived scalar particles in $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2016, 117, 152003.	1.6	79
31	Search for Structure in the $B \rightarrow D^* K^0$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	1.6	78
32	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
33	Observation of a New $B \rightarrow D^* K^0$ Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ . Physical Review Letters, 2018, 121, 052002.	2.9	77
34	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ . Physical Review Letters, 2018, 121, 052002.	2.9	76
35	Measurements of the S-wave fraction in $B \rightarrow D^* K^0$ decays and the $B \rightarrow D^* K^0$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
36	Amplitude analysis of $B \rightarrow D^* K^0$ decays. Physical Review D, 2016, 94, .	1.6	74

#	ARTICLE	IF	CITATIONS
37	Quantum numbers of the X	1.6	69
38	Measurement of the forward Z boson production cross-section in pp collisions at $s = 7 \sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	69
39	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
40	Measurement of forward J/ψ production cross-sections in pp collisions at $s = 13 \sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
41	Measurement of forward W and Z boson production in pp collisions at $s = 8 \sqrt{s} = 8 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, .	1.6	59
42	Evidence for an $\eta_c(1S) \pi^- \hat{c} (1 S) \bar{c}$ - resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^- B$		

#	ARTICLE	IF	CITATIONS
55	Observation of Twin Resonances in the χ_{c1} System and Precise Measurement of χ_{c1} Decay Constants Systems and Precise Measurement of χ_{c1} Decay Constants Journal of High Energy Physics, 2017, 2017, 1.	2.9	48
56	Design and performance of the LHCb trigger and full real-time reconstruction in Run 2 of the LHC. Journal of Instrumentation, 2019, 14, P04013-P04013.	0.5	47
57	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
58	Observation of New χ_{c1} States Baryons Decaying to χ_{c1} Journal of High Energy Physics, 2017, 2017, 1.	2.9	45
59	First Observation of Excited χ_{c1} States Physical Review Letters, 2020, 124, 082002.	2.9	44
60	Observation of an Excited χ_{c1} State Physical Review Letters, 2019, 122, 232001.	2.9	43
61	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	0.5	42
62	Measurement of the Difference of Time-Integrated C and P Asymmetries in $B \rightarrow D^* K$ Decays Journal of High Energy Physics, 2020, 2020, 1.	2.9	42
63	Study of the $\tilde{\chi}(3823)$ and $\tilde{\chi}(3872)$ states in $B^+ \rightarrow \tilde{\chi}^0 K^+$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	42
64	Amplitude analysis of the $B \rightarrow \tilde{\chi}^0 K$ decay. Physical Review D, 2020, 101, .	1.6	42
65	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
66	Measurement of Antiproton Production in p - p Collisions at $\sqrt{s} = 7$ TeV Journal of High Energy Physics, 2017, 2017, 1.	2.9	41
67	Study of $\tilde{\chi}$ Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
68	Search for beautiful tetraquarks in the $\tilde{\chi}(1S) \tilde{\chi}^0$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
69	Amplitude Analysis of $B \rightarrow \tilde{\chi}^0 K$ Decays. Physical Review Letters, 2019, 123, 231802.	2.9	38
70	Measurement of the forward-backward asymmetry in $Z \rightarrow \tilde{\chi}^0 \tilde{\chi}^0$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
71	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
72	Prompt and nonprompt J/ψ production and nuclear modification in p - Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.5	37

#	ARTICLE	IF	CITATIONS
73	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \bar{D}^* \bar{K}^0$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
74	Analysis of high-identity segmental duplications in the grapevine genome. BMC Genomics, 2011, 12, 436.	1.2	35
75	Model-independent confirmation of the $B \rightarrow \bar{D}^* \bar{K}^0$ decay. Physical Review Letters, 2015, 114, 171801.	1.6	35
76	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	35
77	Search for the doubly charmed baryon Ξ_{cc}^+ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	35
78	Search for Long-Lived Particles in $B \rightarrow \bar{D}^* \bar{K}^0$ decay. Physical Review Letters, 2015, 114, 171801.	2.9	34
79	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
80	Angular moments of the decay $B \rightarrow \bar{D}^* \bar{K}^0$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
81	Measurement of forward $Z \rightarrow e^+e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
82	Precision measurement of the χ_{cc}^{++} mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	33
83	Observation of Several Sources of $B \rightarrow \bar{D}^* \bar{K}^0$ decay. Physical Review Letters, 2020, 124, 031801.	1.6	32
84	Violation in $B \rightarrow \bar{D}^* \bar{K}^0$ decay. Physical Review Letters, 2020, 124, 031801.	2.9	32
85	Symmetry in $B \rightarrow \bar{D}^* \bar{K}^0$ decay. Physical Review Letters, 2020, 124, 031801.	2.9	31
86	Test of lepton universality with $\Lambda_b \rightarrow p \bar{K}^0 \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	31
87	Amplitude analysis of $B \rightarrow \bar{D}^* \bar{K}^0$ decay. Physical Review Letters, 2015, 115, 031601.	1.6	30
88	Measurement of $B \rightarrow \bar{D}^* \bar{K}^0$ decay. Physical Review Letters, 2015, 115, 031601.	2.9	30
89	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
90	Angular analysis of the $B \rightarrow \bar{D}^* \bar{K}^0 e^+e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30

#	ARTICLE	IF	CITATIONS
91	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
92	Measurement of the CKM angle β_3 from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
93	Measurement of the shape of the $\hat{b}0\hat{a}^+\hat{c}+\hat{b}1\hat{a}^+\hat{c}$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
94	Near-threshold $\overline{D}D$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
95	Measurement of the $D^0 \rightarrow \ell^+ \ell^-$ decay branching fraction as a function of $\cos\theta_{\ell}$. Physical Review D, 2015, 91, .	1.6	28
96	Observation of the Decays $\hat{b}0\hat{a}^+\hat{c}1\hat{p}K^+$ and $\hat{b}0\hat{a}^+\hat{c}2\hat{p}K^+$. Physical Review Letters, 2017, 119, 062001.	2.9	28
97	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28
98	Measurement of the $D^0 \rightarrow \ell^+ \ell^-$ decay branching fraction as a function of $\cos\theta_{\ell}$. Physical Review D, 2015, 91, .	1.6	28
99	Oscillations in $D^0 \rightarrow \ell^+ \ell^-$ decays. Physical Review Letters, 2017, 118, 081801.	2.9	27
100	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
101	Observation of the Annihilation Decay Mode $D^0 \rightarrow \ell^+ \ell^-$. Physical Review Letters, 2017, 118, 111803.	2.9	25
102	Observation of $D^0 \rightarrow \ell^+ \ell^-$ decays and searches for other D^0 decays to $\ell^+ \ell^-$ final states. Physical Review Letters, 2017, 118, 111803.	2.9	25
103	Dalitz plot analysis of $D^0 \rightarrow \ell^+ \ell^-$ decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
104	Observations of $\hat{b}0\hat{a}^+\hat{c}1\hat{p}K^+$ and $\hat{b}0\hat{a}^+\hat{c}2\hat{p}K^+$ decays and searches for other $\hat{b}0$ and $\hat{b}1$ decays to $\ell^+ \ell^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
105	Evidence for the Rare Decay $D^0 \rightarrow \ell^+ \ell^-$. Physical Review Letters, 2017, 118, 081801.	2.9	24
106	Observation of $D^0 \rightarrow \ell^+ \ell^-$ decays and searches for other D^0 decays to $\ell^+ \ell^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
107	Observation of a new baryon state in the $\Lambda_b^0 \rightarrow \pi^+ \pi^-$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24

#	ARTICLE	IF	CITATIONS
109	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
110	Measurement of the Λ_c^+ Baryon Lifetime. Physical Review Letters, 2018, 121, 092003.	2.9	23
111	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
112	Study of W boson production in association with beauty and charm. Physical Review D, 2015, 92, .	1.6	22
113	Asymmetry in B_c Mixing.	2.9	22
114	Precise measurements of the properties of the $B(5721)_{0,+}$ and $B(5747)_{0,+}$ states and observation of B_{c1} mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
115	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
116	Measurement of the properties of the Λ_b^0 baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
117	Observation of the decay $B_c \rightarrow \bar{c} \ell^+ \nu_\ell$ and evidence for $B_c \rightarrow \bar{c} \ell^+ \nu_\ell$. Physical Review Letters, 2017, 119, 181805.	1.6	21
118	Meson Decays to $\bar{c} \ell^+ \nu_\ell$ and $B_c \rightarrow \bar{c} \ell^+ \nu_\ell$. Physical Review Letters, 2017, 119, 181805.	2.9	21
119	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \mu^- \nu_\tau \nu_\mu$. Journal of High Energy Physics, 2018, 2018, 1.		21
120	Study of $B_c \rightarrow K^+ \ell^+ \nu_\ell$ final state and evidence for the decay $B_c \rightarrow \bar{c} \ell^+ \nu_\ell$. Physical Review D, 2016, 94, .	1.6	20
121	Search for the lepton-flavour violating decay $D^0 \rightarrow \tau^+ e^- \nu_\tau \nu_e$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
122	Measurement of CP observables in $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ and $B^{\pm} \rightarrow D^{\pm} \bar{K}^{\pm}$ 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
123	Studies of the resonance structure in $D^0 \rightarrow K^+ K^- S^0$ and $D^0 \rightarrow K^+ K^- S^0$. Physical Review D, 2016, 93, .	1.6	20
124	Measurement of the CP Violation Parameter A_{FB}^{ℓ} in $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ and $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
125	Evidence for the decay $B_s^0 \rightarrow \bar{K}^* \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
126	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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127	Precision measurement of the $\langle m_{D^*} \rangle$ and $\langle \Gamma_{D^*} \rangle$ of the D^* meson. <i>Journal of High Energy Physics</i> , 2016, 2016, 1. $\langle m_{D^*} \rangle = 2112.0 \pm 0.8 \text{ MeV}$ and $\langle \Gamma_{D^*} \rangle = 0.14 \pm 0.01 \text{ MeV}$. $\langle m_{D^*} \rangle$ is the mass and $\langle \Gamma_{D^*} \rangle$ is the width of the D^* meson. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	20
128	Updated measurement of time-dependent $B \rightarrow D^* K$ -violating observables in $B \rightarrow D^* K$ decays. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	20
129	Resonances and CP violation in $B \rightarrow D^* K$ and $B \rightarrow D^* K^*$ decays in the mass region above the $\bar{D}^*(1020)$. <i>Journal of High Energy Physics</i> , 2017, 2017, 1. First Observation of the Radiative Decay $B \rightarrow D^* \gamma$. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	19
130	Measurement of the $B \rightarrow D^* K$ branching fraction and CP violation in the $B \rightarrow D^* K$ system. <i>Physical Review Letters</i> , 2019, 123, 031801.	2.9	19
131	Strong constraints on the $B \rightarrow D^* K$ photon polarisation from $B \rightarrow D^* K^* \gamma$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	19
132	Measurement of forward $W \rightarrow e \nu$ production in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	18
133	Observation of $B \rightarrow D^* K$ decays. <i>Physical Review Letters</i> , 2015, 115, 251801.	1.5	18
134	\bar{D}^* and D^* Resonance Parameters with the Decays $B \rightarrow D^* K$. <i>Physical Review Letters</i> , 2017, 119, 221801.	1.6	18
135	Measurement of the mass and production rate of $B \rightarrow D^* K$ baryons. <i>Physical Review D</i> , 2019, 99, 114013.	1.6	18
136	Search for Lepton-Flavor Violating Decays $B \rightarrow D^* K \mu e$. <i>Physical Review Letters</i> , 2019, 123, 241802.	2.9	18
137	Search for the decay $B \rightarrow D^* K \mu e$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	17
138	Measurement of indirect CP asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 K^0$ decays using semileptonic B decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	17
139	Observation of $B \rightarrow D^* K$ and $B \rightarrow D^* K^*$ decays and a measurement of the $B \rightarrow D^* K$ baryon. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	17
140	First study of the CP-violating phase and decay-width difference in $B \rightarrow D^* K$ decays. <i>Physical Review Letters</i> , 2016, 2016, 1.	1.5	17
141	Nuclear Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 767, 177-187.	1.5	17
142	Study of charmonium production in $B \rightarrow D^* K$ hadron decays and first evidence for the decay $B \rightarrow D^* K \mu e$. <i>European Physical Journal C</i> , 2017, 77, 609.	1.4	17
143	Improved limit on the branching fraction of the rare decay $B \rightarrow D^* K \mu e$. <i>European Physical Journal C</i> , 2017, 77, 678.	1.4	17
144	Observation of the $B \rightarrow D^* K$ decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 772, 265-273.	1.5	17

#	ARTICLE	IF	CITATIONS
145	Measurement of the B_{\pm}^0 production cross-section in pp collisions at $\sqrt{s} = 7$ and 13 TeV. Journal of High Energy Physics, 2017, 2017, .	1.6	17
146	Search for the rare decay $B \rightarrow \mu^+ \mu^- c \bar{c}$. Physical Review D, 2018, 97, 074011.	1.6	17
147	Measurement of the $B \rightarrow \mu^+ \mu^-$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.6	17
148	Measurement of the B_{\pm}^0 production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	17
149	$B \rightarrow \mu^+ \mu^-$ flavour tagging using charm decays at the LHCb experiment. Journal of Instrumentation, 2015, 10, P10005-P10005.	0.5	16
150	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
151	Study of \bar{D}^0 production in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
152	Search for the Rare Decays $B \rightarrow \mu^+ \mu^- s \bar{s}$. Physical Review Letters, 2020, 124, 211802.	2.9	16
153	Measurement of $B \rightarrow \mu^+ \mu^-$ production in pp collisions at $\sqrt{s} = 13$ TeV. Chinese Physics C, 2020, 44, 022001.	1.5	16
154	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
155	Asymmetry in $B \rightarrow \mu^+ \mu^-$ decays. Physical Review Letters, 2015, 114, 081801.	2.9	15
156	Differential branching fraction and angular moments analysis of the decay $B \rightarrow K^0 \mu^+ \mu^-$ in the $K^0(1430)^0$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
157	Measurement of $B \rightarrow \mu^+ \mu^- s \bar{s}$ and $B \rightarrow D^0 \mu^+ \mu^-$ decays. Physical Review Letters, 2017, 119, 181801.	2.9	15
158	Observation of the suppressed decay $B \rightarrow \mu^+ \mu^- \pi^0$. Journal of High Energy Physics, 2017, 2017, 1.	2.9	15
159	First Observation of the Rare Purely Baryonic Decay $B \rightarrow \mu^+ \mu^- p \bar{p}$. Physical Review Letters, 2017, 119, 232001.	2.9	15
160	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
161	Measurement of CP observables in $B_{\pm}^0 \rightarrow D^0 K_{\pm}^0$ and $B_{\pm}^0 \rightarrow D^0 \bar{K}_{\pm}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.5	15
162	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15

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181	Study of D_{s1}^{*0} mesons decaying to $D^+ K^0$ and $D^0 K^+$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
182	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
183	First observation of the decay $D^0 \rightarrow K^+ K^-$ in the 10σ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
184	Measurement of $B_0 \rightarrow B^+ B^-$ and $B^+ \rightarrow B^0 K^+$ decays. Journal of High Energy Physics, 2017, 2017, 1.6	1.5	13
185	Measurement of CP asymmetry in $B_0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.6	1.6	13
186	Search for CP violation in $B_0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.6	1.6	13
187	Measurement of η' production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
188	Measurement of Angular and CP Asymmetries in $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	2.9	13
189	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \tau^+ \tau^-$, using $B^+ \rightarrow K^+ \tau^+ \tau^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
190	Measurement of CP asymmetries and polarisation fractions in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
191	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow K^+ K^-$. Journal of High Energy Physics, 2015, .	1.6	12
192	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
193	Violation in $B^0 \rightarrow K^+ K^-$ decays. Physical Review Letters, 2016, 117, 261801.	2.9	12
194	Search for B_c^+ decays to the $pp^+ \tau^+ \tau^-$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
195	Observation of $B_c^+ \rightarrow D^{*0} K^+$ decays. Physical Review D, 2017, 95, .	1.6	12
196	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
197	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
198	Amplitude analysis of $B_0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12

#	ARTICLE	IF	CITATIONS
199	Measurement of the $B_c^0 \rightarrow \pi^+ \pi^- \pi^0$ branching fraction and asymmetry in 7 and 13 TeV collisions. Physical Review D, 2019, 100, .	1.6	12
200	Measurement of the $B_s^0 \rightarrow \pi^+ \pi^- \pi^0$ branching fraction and search for the decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
201	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	1.4	11
202	Measurements of charm mixing and $C \rightarrow P$ violation using $D \rightarrow K$ decays. Physical Review D, 2017, 95, .	1.6	11
203	Observation of the decay $\bar{b} \rightarrow \bar{c} \pi^+ \pi^- K^+$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
204	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
205	First measurement of the CP-violating phase $\phi_{s^{\overline{D}}}$ in $B^0 \rightarrow \pi^+ \pi^- (K^+ \pi^-)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
206	Search for CP violation using triple product asymmetries in $\bar{b} \rightarrow \bar{c} \pi^+ \pi^- K^+$, $\bar{b} \rightarrow \bar{c} \pi^+ \pi^- K^+ K^+$ and $\bar{b} \rightarrow \bar{c} \pi^+ \pi^- \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
207	First observation of $B^+ \rightarrow D^+ s + K^+$ decays and a search for $B^+ \rightarrow D^+ s + \pi^+$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
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220	Dalitz plot analysis of the $D^+ \rightarrow \hat{K}^0 K^+ K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
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223	Observation of the $B_s^0 \rightarrow \hat{b} \rightarrow \bar{c} \ell^+ \ell^- \bar{c}$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
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269	Measurement of the $B \rightarrow D^* \ell^+ \ell^-$ lifetime. Physics Letters Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 360, 494-492.	1.5	6

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302	CP Violation in D0 Decays. , 2016, , .		0
303	First observation of the decay $\overline{B}_s^0 \rightarrow \hat{\text{I}}^+ \hat{\text{I}}^- b \hat{\text{I}}^+ \hat{\text{I}}^- c \hat{\text{I}}^+ \hat{\text{I}}^- S$ Ti ETQq 1 1 0.784314 rgBT /Overlock 10 Tf 50 162	1.6	0