

Martino Borsato

List of Publications by Year in descending order

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Version: 2024-02-01

415
papers

17,610
citations

19657

61
h-index

21540

114
g-index

425
all docs

425
docs citations

425
times ranked

8899
citing authors

#	ARTICLE	IF	CITATIONS
19	Consistent with Exotic States from Amplitude Analysis of $J/\psi \rightarrow \psi(2S) \psi(2S)$ Decays. Physical Review Letters, 2020, 124, 041801.	7.8	150
20	Search for Hidden-Sector Bosons in $B \rightarrow K^* \psi(2S)$ Decays. Physical Review Letters, 2015, 115, 161802.	7.8	138
21	Search for long-lived particles beyond the Standard Model at the Large Hadron Collider. Journal of Physics G: Nuclear and Particle Physics, 2020, 47, 090501.	3.6	133
22	Measurement of $B \rightarrow K^* \psi(2S)$ -Averaged Observables in the $B \rightarrow K^* \psi(2S)$ Decay. Physical Review Letters, 2020, 124, 041801.	7.8	128
23	First Observation of the Doubly Charmed Baryon Decay $\Lambda_{cc}^+ \rightarrow \Lambda^+ \psi(2S)$. Physical Review Letters, 2020, 124, 041801.	7.8	122
24	Amplitude analysis of the $B \rightarrow K^* \psi(2S)$ decay. Physical Review Letters, 2020, 124, 041801.	4.7	117
25	Evidence for the decay $B \rightarrow K^* \psi(2S)$. Physical Review Letters, 2020, 124, 041801.	2.5	114
26	Search for Dark Photons Produced in $13.6 \text{ TeV } pp$ Collisions. Physical Review Letters, 2018, 120, 061801.	7.8	113
27	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s} = 7 \text{ TeV}$. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	3.6	111
28	Model-independent Study of Structure in $B \rightarrow K^* \psi(2S)$ Decays. Physical Review Letters, 2016, 117, 082003.	7.8	111
29	Evidence for Exotic Hadron Contributions to $B \rightarrow K^* \psi(2S)$ Decays. Physical Review Letters, 2016, 117, 082003.	7.8	110
30	Study of the doubly charmed tetraquark T_{cc} . Nature Communications, 2022, 13, .	12.8	107
31	Search for Majorana Neutrinos in $B \rightarrow K^* \psi(2S)$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	106
32	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
33	Model-independent Evidence for $B \rightarrow K^* \psi(2S)$ Contributions to $B \rightarrow K^* \psi(2S)$ Decays. Physical Review Letters, 2016, 117, 082003.	7.8	102
34	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. Journal of High Energy Physics, 2016, 2016, 1.	4.7	100
35	Dalitz plot analysis of $B \rightarrow K^* \psi(2S)$ Decays. Physical Review D, 2014, 90, .	4.7	99

#	ARTICLE	IF	CITATIONS
37	Angular Analysis of the $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2017, 119, 071801.	7.8	96
38	Observation of New Resonances Decaying to $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2017, 119, 071801.	7.8	93
39	Amplitude Analysis of $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review D, 2017, 95, 034004.	4.7	92
40	Likelihood analysis of the pMSSM11 in light of LHC 13-TeV data. European Physical Journal C, 2018, 78, 256.	3.9	91
41	Differential branching fraction and angular analysis of $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
42	Search for the Decays $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2015, 115, 071801.	7.8	81
43	Dalitz plot analysis of $B \rightarrow K^* \ell^+ \ell^-$ decays. Physical Review D, 2015, 92, 034004.	7.8	80
44	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ . Physical Review D, 2015, 92, 034004.	4.7	80
45	Search for Structure in the $B \rightarrow K^* \ell^+ \ell^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	4.7	79
46	Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	3.7	77
48	Observation of a New Resonance. Physical Review Letters, 2018, 121, 072002.	7.8	77
49	Measurement of the Lifetime of the Doubly Charmed Baryon Λ_{cc}^+ . Physical Review Letters, 2018, 121, 052002.	7.8	76
50	Measurements of the S-wave fraction in $B \rightarrow K^* \ell^+ \ell^-$ decays and the $B \rightarrow K^* \ell^+ \ell^-$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
51	Measurement of resonant and components in $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2018, 121, 052002.	4.7	73
52	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ production cross-section in proton-antiproton collisions via	4.7	73
53			

#	ARTICLE	IF	CITATIONS
55	Measurement of the forward Z boson production cross-section in pp collisions at s = 7 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
56	Measurement of the forward Z boson production cross-section in pp collisions at s = 7 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	69
57	Measurement of the resonant and non-resonant components in the three-body phase space of charmless B to K pi decays. Precision Measurement of B to K pi decays.	4.7	67
58	Study of the lineshape of the B to K pi decays. Measurements of C to P violation in the three-body phase space of charmless B to K pi decays.	4.7	65
59	Precision Measurement of B to K pi decays. Precision Measurement of B to K pi decays.	4.7	65
60	Violation in B to K pi decays. Precision Measurement of B to K pi decays.	7.8	65
61	Measurement of forward J/psi production cross-sections in pp collisions at s = 13 TeV. Journal of High Energy Physics, 2015, 2015, 1.	7.8	61
62	Measurement of forward J/psi production cross-sections in pp collisions at s = 13 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	60
63	Measurement of forward W and Z boson production in pp collisions at s = 8 TeV. Journal of High Energy Physics, 2016, 2016, .	4.7	59
64	Evidence for an eta_c(1S) pi^0 resonance in B^0 to eta_c(1S) K^+ pi^- decays. Evidence for an eta_c(1S) pi^0 resonance in B^0 to eta_c(1S) K^+ pi^- decays.		

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91	Measurement of the $B_c^+ \rightarrow \mu^+ \nu_\mu X$ meson lifetime using $B_c^+ \rightarrow \mu^+ \nu_\mu J/\psi + \mu^+ \nu_\mu X$. European Physical Journal C, 2014, 74, 2839.	3.9	43
92	Observation of an Excited B_c^+ State. Physical Review Letters, 2019, 122, 232001.	4.7	43
93	Asymmetries in $B_c^+ \rightarrow \mu^+ \nu_\mu D$. Physical Review Letters, 2019, 123, 231802.	7.8	42
94	Study of the $\tilde{\chi}_2(3823)$ and $\tilde{\chi}_1(3872)$ states in $B^+ \rightarrow \tilde{\chi}^0 J/\psi + \mu^+ \nu_\mu$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	42
95	Amplitude analysis of the $B_c^+ \rightarrow \mu^+ \nu_\mu \tilde{\chi}^0$ decay. Physical Review D, 2020, 101, .	4.7	42
96	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
97	Measurement of Antiproton Production in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2018, 121, 222001.	7.8	41
98	Precision measurement of the CP-violating phase $\arg(-V_{cb} V_{ub}^*)$. Physical Review Letters, 2018, 121, 222001.	4.1	40
99	Precision measurement of the Mass and Lifetime of the Λ_b^0 . Physical Review Letters, 2014, 113, 242002.	7.8	39
100	Study of the kinematic dependences of Λ_b^0 production in pp collisions and a measurement of the $\Lambda_b^0 \rightarrow \mu^+ \nu_\mu c$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
101	Study of Λ_b^0 Production in Jets. Physical Review Letters, 2017, 118, 192001.	7.8	39
102	Search for beautiful tetraquarks in the $\tilde{\chi}^0(1S) \rightarrow \mu^+ \nu_\mu$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	4.7	39
103	Amplitude Analysis of $B_c^+ \rightarrow \mu^+ \nu_\mu \tilde{\chi}^0$ Decays. Physical Review Letters, 2019, 123, 231802.	7.8	38
104	Measurement of the forward-backward asymmetry in $Z \rightarrow \mu^+ \mu^- \tilde{\chi}^0$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	4.7	37
105	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.	4.7	37
106	Prompt and nonprompt J/ψ production and nuclear modification in p -Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	4.1	37
107	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
108	First measurement of the differential branching fraction and CP asymmetry of the $B_c^+ \rightarrow \mu^+ \nu_\mu \tilde{\chi}^0$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36

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109	Observation of the $\hat{b} \rightarrow \hat{c} \ell^+ \ell^- \nu_{\ell}$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
110	Model-independent confirmation of the $Z \rightarrow b\bar{b}$ decay. Journal of High Energy Physics, 2015, 2015, 92, .	4.7	35
111	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	35
112	Search for the doubly charmed baryon Ξ_{cc}^{++} . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	5.1	35
113	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.	4.7	34
114	Angular moments of the decay $\hat{b} \rightarrow \hat{c} \ell^+ \ell^- \nu_{\ell}$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	4.7	34
115	Study of Υ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	33
116	Measurement of forward $Z \rightarrow e^+e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
117	Precision measurement of the χ_{cc}^{++} mass. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
118	Evidence for a New Structure in the $J/\psi \rightarrow \ell^+ \ell^- p \bar{p}$ and $J/\psi \rightarrow \ell^+ \ell^- n \bar{n}$ decays. Journal of High Energy Physics, 2013, 2013, 1.	7.8	33
119	Measurement of the Semileptonic $B \rightarrow \ell^+ \ell^- \nu_{\ell} \nu_{\ell}$ Asymmetry in $B \rightarrow \ell^+ \ell^- \nu_{\ell} \nu_{\ell}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	7.8	33
120	Search for the lepton flavour violating decay $\tilde{\nu}_{\ell} \rightarrow \ell^+ \ell^- \nu_{\ell} \nu_{\ell}$. Journal of High Energy Physics, 2015, 2015, 1.	7.8	32
121	Observation of Several Sources of $C \rightarrow P$ Violation in $B \rightarrow \ell^+ \ell^- \nu_{\ell} \nu_{\ell}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	7.8	32
122	Violation in $B \rightarrow \ell^+ \ell^- \nu_{\ell} \nu_{\ell}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	7.8	32
123	Measurement of the ratio of fragmentation fractions and of $B \rightarrow \ell^+ \ell^- \nu_{\ell} \nu_{\ell}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	32
124	Measurement of the ratio of fragmentation fractions to $B \rightarrow \ell^+ \ell^- \nu_{\ell} \nu_{\ell}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	31
125	Search for Violations of Lorentz Invariance and $C \rightarrow P$ Symmetry in $B \rightarrow \ell^+ \ell^- \nu_{\ell} \nu_{\ell}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.1	31
126	Search for Violations of Lorentz Invariance and $C \rightarrow P$ Symmetry in $B \rightarrow \ell^+ \ell^- \nu_{\ell} \nu_{\ell}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	7.8	31

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127	Test of lepton universality with $\Lambda_b \rightarrow \ell \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	31
128	Measurement of charged particle multiplicities and densities in $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	3.9	30
129	Amplitude analysis of $B \rightarrow D K^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
130	Violation in $B \rightarrow D K^* \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2015, 115, 031601.	7.8	30
131	Forward production of Υ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
132	Angular analysis of the $B \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	4.7	30
133	Central exclusive production of J/ψ and $\Upsilon(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018.	4.7	30
134	Measurement of the $B \rightarrow D^* K^* \ell \bar{\nu}_\ell$ violating phase. Journal of High Energy Physics, 2018, 2018.	7.8	29
135	Measurement of the $B \rightarrow D^* K^* \ell \bar{\nu}_\ell$ violating phase using the $B \rightarrow D^* K^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2018, 2018.	7.8	29
136	Measurement of the CKM angle $\hat{\beta}_3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
137	Measurement of the shape of the $B \rightarrow D^* K^* \ell \bar{\nu}_\ell$ differential decay rate. Physical Review D, 2017, 96, .	4.7	29
138	Near-threshold $D^* \bar{D}^*$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
139	First Observation of a Baryonic B_c Decay. Physical Review Letters, 2014, 113, 152003.	7.8	28
140	Observation of the Decays $B \rightarrow D^* K^* \ell \bar{\nu}_\ell$ and $B \rightarrow D^* K^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2017, 119, 062001.	7.8	28
141	Studies of the resonance structure in $D^* \rightarrow K^* \ell \bar{\nu}_\ell$ decays. European Physical Journal C, 2018, 78, 443.	3.9	28
142	Likelihood analysis of the sub-GUT MSSM in light of LHC 13-TeV data. European Physical Journal C, 2018, 78, 1.	3.9	28
143	Measurement of $B \rightarrow D^* K^* \ell \bar{\nu}_\ell$ with $B \rightarrow D^* K^* \ell \bar{\nu}_\ell$ decays. Journal of High Energy Physics, 2018, 2018.	4.7	28
144	Measurement of CP violation and constraints on the CKM angle $\hat{\beta}_3$ in $B \rightarrow D^* K^* \ell \bar{\nu}_\ell$ decays. Nuclear Physics B, 2014, 888, 169-193.	2.5	27

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145	Violation in $B \rightarrow p$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, .	7.8	27
146	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>European Physical Journal C</i> , 2014, 74, .	3.9	27
147	Oscillations in D decays. <i>Journal of High Energy Physics</i> , 2014, 2014, .	7.8	27
148	Measurement of CP asymmetries in the decays $B \rightarrow K^{*0} \pi^{\pm}$ and $B \rightarrow K^{*0} \pi^0$. <i>Journal of High Energy Physics</i> , 2014, 2014, .	4.7	26
149	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014, 112, .	7.8	26
150	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. <i>Journal of High Energy Physics</i> , 2014, 2014, .	4.7	26
151	Angular analysis of charged and neutral $B \rightarrow K^{*0} \pi^{\pm}$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	26
152	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016, 76, 664.	3.9	26
153	Searches for Λ_b^0 and Ξ_b^0 decays to $K_S^0 \pi^0$ and $K_S^0 \pi^{\pm}$ final states with first observation of the $\Lambda_b^0 \rightarrow K_S^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	25
154	Observation of the Amplitude-Modulated Decay $B \rightarrow K^* \pi^0$. <i>Physical Review Letters</i> , 2017, 118, 091801.	7.8	25
155	Observation of the Amplitude-Modulated Decay $B \rightarrow K^* \pi^0$. <i>Physical Review Letters</i> , 2017, 118, 091801.	7.8	25
156	Observation of $B \rightarrow K^* \pi^0$ decays. <i>Physical Review Letters</i> , 2017, 118, 111803.	7.8	25
157	Measurement of the forward W boson cross-section in pp collisions at $s = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	24
158	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	24
159	Observations of $\bar{b} \rightarrow b \pi^0 K^+$ and $\bar{b} \rightarrow b \pi^0 K^0$ decays and searches for other $\bar{b} \rightarrow b \pi^0$ decays to final states. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	24
160	Likelihood analysis of the minimal AMSB model. <i>European Physical Journal C</i> , 2017, 77, 268.	3.9	24
161	Evidence for the Rare Decay $B \rightarrow K^* \pi^0$. <i>Physical Review Letters</i> , 2017, 118, 091801.	7.8	24
162	Model-independent Observation of Exotic Contributions to $B \rightarrow K^* \pi^0$ Decays. <i>Physical Review Letters</i> , 2019, 122, 152002.	7.8	24

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163	Observation of a new baryon state in the Λ_{b}^0 mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
164	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	4.7	24
165	Measurement of the B^0 and B^0_s production asymmetries in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 739, 218-228.	4.1	23
166	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.	4.7	23
167	Measurement of the Λ_{b}^0 Baryon Lifetime. Physical Review Letters, 2018, 121, 092003.	7.8	23
168	Search for the doubly heavy baryons Ξ_{cc} and Ξ_{bb} decaying to Λ_c^+ and Λ_b^0 . Chinese Physics C, 2021, 45, 093002.	3.7	23
169	Observation of the Mass Difference between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2021, 127, 111801.	7.8	23
170	Measurement of the CKM angle $\hat{\beta}_3$ using $B^{\pm} \rightarrow DK^{\pm}$ with $D \rightarrow K^0 \pi^{\pm}$, $K^0 \pi^0$, $K^0 K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	22
171	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	7.8	22
172	Study of W boson production in association with beauty and charm. Physical Review D, 2015, 92, .	4.7	22
173	Asymmetry in $B^0 \rightarrow C^0 P^0$ Mixing. Physical Review D, 2015, 92, .	7.8	22
174	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	21
175	Design and performance of the focusing DIRC detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 775, 112-131.	1.6	21
176	Precise measurements of the properties of the $B(5721)^{0,+}$ and $B(5747)^{0,+}$ states and observation of B^+, D^0 mass structures. Journal of High Energy Physics, 2015, 2015, 1.	4.7	21
177	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	3.9	21
178	Measurement of the properties of the Λ_{b}^0 baryon. Journal of High Energy Physics, 2016, 2016, .	4.7	21
179	Observation of the decay $B^0 \rightarrow D^0 \pi^0$ and evidence for $B^0 \rightarrow D^0 \pi^0$ Mixing. Physical Review Letters, 2017, 119, 181805.	4.7	21
180	Meson Decays to $D^0 \pi^0$ and $D^0 \pi^0$. Physical Review Letters, 2017, 119, 181805.	7.8	21

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181	Search for the lepton-flavour violating decays $B_0(s) \rightarrow \tau^+ \nu_\tau \ell^+ \nu_\ell$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
182	Determination of quantum numbers for several excited charmed mesons observed in $B \rightarrow \tau^+ D^{*+} \ell^+ \ell^-$ decays. Physical Review D, 2020, 101, .	4.7	21
183	Observation of a new \mathbb{Z} state. Physical Review D, 2021, 103, 1.	4.7	21
184	Observation of Multiplicity Dependent Prompt \mathbb{Z} state. Physical Review D, 2021, 103, 1.	4.7	21
185	Measurement of the \mathbb{Z} ($3P$) mass and of the relative rate of \mathbb{Z} $b_1(1P)$ and \mathbb{Z} $b_2(1P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	4.7	20
186	Search for CP violation in $B \rightarrow \tau^+ \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	4.7	20
187	Study of B_c^+ decays to the $K^+ K^0 \ell^+$ final state and evidence for the decay $B_c^+ \rightarrow \tau^+ \nu_\tau K^0 \ell^+$. Physical Review D, 2016, 94, .	4.7	20
188	Search for the lepton-flavour violating decay $D_0 \rightarrow \tau^+ \nu_\tau \ell^+ \nu_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	4.1	20
189	Measurement of CP observables in $B \rightarrow \tau^+ D K^{\pm}$ and $B \rightarrow \tau^+ D^* \ell^+ \ell^-$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	4.1	20
190	Studies of the resonance structure in $B \rightarrow \tau^+ D^* K^0$ decays. Physical Review D, 2016, 93, .	4.7	20
191	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	7.8	20
192	Likelihood analysis of supersymmetric SU(5) GUTs. European Physical Journal C, 2017, 77, 104.	3.9	20
193	Measurement of the CP Violation Parameter A_{FB}^{τ} in $D_0 \rightarrow K^+ K^0 \tau^+$ and $D_0 \rightarrow \ell^+ \ell^- \tau^+$ Decays. Physical Review Letters, 2017, 118, 261803.	7.8	20
194	Evidence for the decay $B \rightarrow S^0 \overline{K}^* \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	4.7	20
195	Measurement of CP asymmetries in two-body $B(s) \rightarrow \ell^+ \ell^-$ meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	4.7	20
196	Precision measurement of the \mathbb{Z} state. Physical Review D, 2021, 103, 1.	4.7	20
197	Updated measurement of time-dependent CP -violating observables in $B \rightarrow \tau^+ \ell^+ \ell^-$ decays. European Physical Journal C, 2019, 79, 1.	3.9	20
198	Observation of a New Excited \mathbb{Z} state. Physical Review D, 2021, 103, 1.	7.8	20

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217	Measurement of CP asymmetry in $D_0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	4.1	17
218	Study of charmonium production in B_c^- hadron decays and first evidence for the decay $B_c^- \rightarrow \psi(3700) \phi \phi \phi$. European Physical Journal C, 2017, 77, 609.	3.9	17
219	Improved limit on the branching fraction of the rare decay $B_c^- \rightarrow \mu^+ \mu^- K^0 \pi^+ \pi^-$. European Physical Journal C, 2017, 77, 678.	3.9	17
220	Observation of the $B_c^- \rightarrow \psi(3700) K^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	4.1	17
221	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, .	4.7	17
222	Search for the rare decay $B_c^- \rightarrow \psi(3700) \phi \phi \phi$. Physical Review Letters, 2017, 118, 11802.	4.7	17
223	Search for the rare decay $B_c^- \rightarrow \psi(3700) \phi \phi \phi$. Physical Review Letters, 2017, 118, 11802.	4.7	17
224	Global analysis of dark matter simplified models with leptophobic spin-one mediators using MasterCode. European Physical Journal C, 2019, 79, 1.	3.9	17
225	Measurement of the $\eta_c(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	3.9	17
226	Evidence for the decay $B_c^- \rightarrow \psi(3700) \phi \phi \phi$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
227	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.	4.7	16
228	Study of η' production in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	16
229	Search for the Rare Decays $B_c^- \rightarrow \psi(3700) \phi \phi \phi$. Physical Review Letters, 2020, 124, 211802.	4.8	16
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276	Search for CP violation in $B_0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.1	13
277	Measurement of J/ψ production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
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302	Search for the rare decay $B^0 \rightarrow \mu^+ \mu^- \mu^+ \mu^-$. European Physical Journal C, 2019, 79, 1.	3.9	11
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312	Measurement of branching fractions of charmless four-body $\overline{\text{B}} \rightarrow \text{p} \overline{\Lambda}$ and $\overline{\text{B}} \rightarrow \text{p} \overline{\Lambda}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	4.7	10
313	Dalitz plot analysis of the $D^+ \rightarrow \text{K}^+ \text{K}^+ \text{K}^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
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321	First observations of the rare decays $\overline{\text{B}} \rightarrow \text{p} \overline{\Lambda}$ and $\overline{\text{B}} \rightarrow \text{p} \overline{\Lambda}$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9
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328	Search for the suppressed decays $B^+ \hat{a}' \rightarrow K^+ K^+ \pi^0$ and $B^+ \hat{a}' \rightarrow \bar{K}^+ K^+ \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	4.1	9
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333	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	3.9	9
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340	Search for time-dependent $B^0 \hat{a}' \rightarrow K^+ K^-$ violation in $B^0 \hat{a}' \rightarrow K^+ K^-$. Physical Review D, 2021, 104, .	4.7	9
341	Observation of the $B_s^0 \hat{a}' \rightarrow K^+ K^- \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
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371	Observation of the decay $B \rightarrow D^* K^+ K^-$ and evidence for $B \rightarrow D^* K^+ K^0$. Journal of High Energy Physics, 2017, .	4.7	6
372	Measurement of $Z \rightarrow \tau^+ \tau^-$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	6
373	Measurement of the branching fractions of the decays $D^+ \rightarrow K^+ K^+ K^-$, $D^+ \rightarrow \bar{K}^0 K^+ K^+$ and $D^+ \rightarrow \bar{K}^0 K^+ K^0$. Journal of High Energy Physics, 2019, 2019.	4.7	6
374	Measurement of the CP-violating phase Γ from $B \rightarrow D^* K$ decays. Physics Letters, Sec	4.1	6
375	Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B^0 \rightarrow \tau^+ \tau^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
376	Search for $C \rightarrow P$ violation in $B \rightarrow D^* K$ decays. Physical Review D, 2021, 104, .	4.7	6
377	Measurement of the relative branching fractions of $B \rightarrow D^* K$ decays. Physical Review D, 2021, 104, .	4.7	6
378	Measurement of the photon polarization in $B \rightarrow D^* K$ decays. Physical Review D, 2022, 105, .	4.7	6

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380	Measurement of the $B_s \rightarrow D^* D_s^{(*)} + D_s^{(*)} \bar{D}^*$ branching fractions. Physical Review D, 2016, 93, .	4.7	5
381	First observation of the decay $B \rightarrow D^* K^* \bar{K}^* \pi^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1. 5		
382	Measurement of $D^* \pi$ production asymmetry in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	5
383	Measurement of the ratio of branching fractions of the decays $B \rightarrow D^* K^* \pi^0$ and $B \rightarrow D^* K^* \bar{K}^* \pi^0$. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
384	Measurement of CP observables in the process $B^0 \rightarrow D^* K^* \pi^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
385	Measurement of CP observables in the process $B^0 \rightarrow D^* K^* \pi^0$ with two- and four-body D decays. Journal of High Energy Physics, 2019, 2019, 1.		

#	ARTICLE	IF	CITATIONS
415	<p>First observation of the decay $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:m} \text{subsup} \rangle \langle \text{mml:mi} \text{mathvariant="normal"} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{b} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 0 \langle \text{mml:mn} \rangle \langle \text{mml:m} \text{subsup} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \hat{\Gamma} \langle \text{mml:mo} \rangle \langle \text{mml:m} \text{sub} \rangle \langle \text{mml:mi} \rangle \hat{\Gamma} \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle \text{c} \langle \text{mml:mi} \rangle \langle \text{mml:m} \text{sub} \rangle \langle \text{mml:mo} \text{stretchy="false"} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mi} \rangle \text{S} \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 72$</p>	4.7	0