

Lluís Garrido

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1860865/publications.pdf>

Version: 2024-02-01

687
papers

32,162
citations

7551

77
h-index

7931

149
g-index

700
all docs

700
docs citations

700
times ranked

11907
citing authors

#	ARTICLE	IF	CITATIONS
1	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
2	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	0.5	969
3	Test of Lepton Universality Using $B \rightarrow K^* \ell^+ \ell^-$ Observations of $B \rightarrow K^* \ell^+ \ell^-$ Resonances Consistent with Pentaquark States in $B \rightarrow K^* \ell^+ \ell^-$	2.9	845
4	Design concepts for the Cherenkov Telescope Array CTA: an advanced facility for ground-based high-energy gamma-ray astronomy. Experimental Astronomy, 2011, 32, 193-316.	2.9	816
5	Measurement of the Ratio of Branching Fractions $B \rightarrow K^* \ell^+ \ell^-$	1.6	640
6			

#	ARTICLE	IF	CITATIONS
19	Angular analysis of the $B \rightarrow K^* \ell^+ \ell^-$ decay using 3 fb ⁻¹ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
20	First Evidence for the Decay $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2013, 110, 021801.	2.9	292
21	Branching ratios and spectral functions of B_c decays: Final ALEPH measurements and physics implications. Physics Reports, 2005, 421, 191-284.	10.3	288
22	Measurement of the Fraction and Search for $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 101805.	2.9	258
23	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2011, 71, 1.	1.4	238
24	Observation of Five New Narrow States Decaying to J/ψ . Physical Review Letters, 2013, 111, 101805.	2.9	234
25	Prompt charmonium production in pp collisions at $\sqrt{s}=7$ TeV. Nuclear Physics B, 2013, 871, 1-20.	0.9	228
26	Measurement of the Branching Fraction and Effective Lifetime and Search for $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2017, 118, 1.	2.9	220
27	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	206
28	Angular analysis and differential branching fraction of the decay $B \rightarrow K^* \ell^+ \ell^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.8	191
29	Evidence for Time-Integrated Violation in Rates. Physical Review Letters, 2012, 108, 111602.	2.9	181
30	Studies of QCD at \sqrt{s} centre-of-mass energies between 91 and 209 GeV. European Physical Journal C, 2004, 35, 457-486.	1.4	161
31	Strong Constraints on the Rare Decays $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2012, 108, 021801.	2.9	160
32	Observation of $X(3872)$ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	153
33	Observation of Structures Consistent with Exotic States from Amplitude Analysis of $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2015, 115, 161802.	2.9	150
34	Search for Hidden-Sector Bosons in $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2015, 115, 161802.	1.9	138
35	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	1.4	137
36	Physics potential of the International Axion Observatory (IAXO). Journal of Cosmology and Astroparticle Physics, 2019, 2019, 047-047.	1.9	135

#	ARTICLE	IF	CITATIONS
37	Observation of an excess in the search for the Standard Model Higgs boson at ALEPH. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 495, 1-17.	1.5	129
38	Measurement of the track reconstruction efficiency at LHCb. Journal of Instrumentation, 2015, 10, P02007-P02007.	0.5	127
39	Observation of $\Upsilon(1S)$ pair production in pp collisions at $\sqrt{s}=7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 52-59.	1.5	123
40	Measurement of $\Upsilon(1S)$ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	117
41	Study of the fragmentation of b quarks into B mesons at the Z peak. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 512, 30-48.	1.5	116
42	Measurement of $b \rightarrow c$ hadron production fractions in 7 TeV collisions. Physical Review D, 2012, 85, 032005.	1.6	116
43	Evidence for the decay $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2011, 106, 231802.	1.5	115
44	Differential branching fraction and angular analysis of the decay $B \rightarrow K^* \ell^+ \ell^-$. Journal of High Energy Physics, 2013, 2013, 1.	0.9	114
45	Updated measurements of exclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	1.6	111
46	Single- and multi-photon production in ee collisions at \sqrt{s} up to 209 GeV. European Physical Journal C, 2003, 28, 1-13.	1.4	110
47	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.4	110
48	Evidence for Exotic Hadron Contributions to $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2013, 110, 221802.	0.5	110
49	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction and angular analysis. Physical Review Letters, 2013, 110, 221802.	2.9	110
50	Measurement of the $B \rightarrow K^* \ell^+ \ell^-$ branching fraction and angular analysis. Physical Review Letters, 2013, 110, 221802.	2.9	108
51	Measurement of Υ' production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.4	106
52	Search for Majorana Neutrinos in $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
53	First Observation of $B \rightarrow K^* \ell^+ \ell^-$ Violation in the Decays of $B \rightarrow K^* \ell^+ \ell^-$. Physical Review Letters, 2013, 110, 221601.	2.9	105
54	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105

#	ARTICLE	IF	CITATIONS
55	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 399-411.	1.5	104
56	Exclusive J/ψ and $\Upsilon(2S)$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	1.4	104
57	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
58	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{c} \ell \ell + \bar{c} \ell \ell$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
59	Contributions to C and P violation in the Phase Space Measurement of $B \rightarrow C P$. Physical Review Letters, 2013, 111, 101801.	2.9	102
60	Violation in the Phase Space of $B \rightarrow \bar{A} \pm$. Physical Review Letters, 2013, 111, 101801.	2.9	101
61	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
62	Dalitz plot analysis of $B \rightarrow D \bar{A} \pm$. Physical Review Letters, 2012, 109, 172003.	1.6	99
63	Observation of Excited Λ Baryons. Physical Review Letters, 2012, 109, 172003.	2.9	98
64	Amplitude analysis of $B \rightarrow \bar{c} \ell \ell$. Physical Review D, 2017, 95, .	1.6	92
65	Measurement of the fragmentation fraction ratio f_s/f_d and its dependence on B meson kinematics. Journal of High Energy Physics, 2013, 2013, 1.	1.6	89
66	Search for charginos nearly mass degenerate with the lightest neutralino in e^+e^- collisions at centre-of-mass energies up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 223-236.	1.5	84
67	Measurement of $\Upsilon(2S)$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	1.4	83
68	Study of D J meson decays to $D \bar{c} \ell \ell$, $D \bar{c} \ell \ell$ and $D \bar{c} \ell \ell$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
69	Measurement of the $B \rightarrow \bar{c} \ell \ell$ and $B \rightarrow \bar{c} \ell \ell$. Physical Review Letters, 2012, 109, 172003.	2.9	82
70	Differential branching fraction and angular analysis of $B \rightarrow \bar{c} \ell \ell$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
71	Search for the Decays $B \rightarrow \bar{c} \ell \ell$ and $B \rightarrow \bar{c} \ell \ell$. Physical Review Letters, 2014, 113, 162001.	2.9	81
72	Observation of Overlapping Spin-1 and Spin-3 Baryons. Physical Review Letters, 2014, 113, 162001.	2.9	80

#	ARTICLE	IF	CITATIONS
73	Dalitz plot analysis of $B \rightarrow D^0 \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 312-325.	1.6	80
74	Search for long-lived scalar particles in $B \rightarrow K^0 \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 312-325.	1.6	79
75	Search for a non-minimal Higgs boson produced in the reaction $\hat{t}^* \rightarrow B^0 \pi^+ \pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 312-325.	1.5	78
76	Measurement of $B \rightarrow K^0 \pi^+ \pi^-$ violation in the Phase Space of $B \rightarrow K^0 \pi^+ \pi^-$. Physical Review Letters, 2014, 112, 011801.	2.9	78
77	Search for Structure in the $B \rightarrow K^0 \pi^+ \pi^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	1.5	78
78	A search for new quarks and leptons from Z^0 decay at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 511-522.	1.5	77
79	First observation of $B \rightarrow K^0 \pi^+ \pi^-$. Particle and High-Energy Physics, 2011, 698, 115-122.	1.5	77
80	Study of the production of Λ and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	1.5	77
81	Final results of the searches for neutral Higgs bosons in e^+e^- collisions at s up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 191-205.	1.5	75
82	Measurements of $B \rightarrow K^0 \pi^+ \pi^-$ and Mass with the $B \rightarrow K^0 \pi^+ \pi^-$. Observation of CP violation in $B \rightarrow K^0 \pi^+ \pi^-$ decay width difference with $B \rightarrow K^0 \pi^+ \pi^-$. Physical Review Letters, 2012, 109, 232001.	2.9	75
83	Observation of CP violation in $B \rightarrow K^0 \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	1.5	75
84	Measurements of the S-wave fraction in $B \rightarrow K^0 \pi^+ \pi^-$ decays and the $B \rightarrow K^0 \pi^+ \pi^-$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
85	Measurement of $B \rightarrow K^0 \pi^+ \pi^-$ violation and the $B \rightarrow K^0 \pi^+ \pi^-$ decay width difference with $B \rightarrow K^0 \pi^+ \pi^-$. Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
86	Measurement of resonant and non-resonant components in $B \rightarrow K^0 \pi^+ \pi^-$. Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	74
87	Measurement of the $B \rightarrow K^0 \pi^+ \pi^-$ components in $B \rightarrow K^0 \pi^+ \pi^-$ decay. Measurement of resonant and non-resonant components in $B \rightarrow K^0 \pi^+ \pi^-$. Study of J/ψ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	73
88	Measurement of the $B \rightarrow K^0 \pi^+ \pi^-$ production cross-section in proton-proton collisions via $B \rightarrow K^0 \pi^+ \pi^-$. Measurement of the $B \rightarrow K^0 \pi^+ \pi^-$ production cross-section in proton-proton collisions via $B \rightarrow K^0 \pi^+ \pi^-$.		

#	ARTICLE	IF	CITATIONS
91	Differential branching fraction and angular analysis of the $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$ decay. Journal of High Energy Physics, 2013, 2013, 1.	1.6	72
92	Observation of the Decay $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$. Physical Review Letters, 2013, 111, 181801.	2.9	72
93	Amplitude analysis of $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$. Physical Review D, 2016, 94, .	1.6	72
94	Inclusive W and Z production in the forward region at $\sqrt{s} = 7, \sqrt{13}$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	71
95	Limits for the Central Production of $\hat{\pi}^+ \hat{K}^0$ Pentaquarks in 920-GeV pA Collisions. Physical Review Letters, 2004, 93, 212003.	2.9	70
96	Quantum numbers of the $X(3872)$. Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 542 Td (stretchy="false")	1.6	69
97	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	69
98	Measurement of the resonant and non-resonant components in $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$. Physical Review Letters, 2015, 115, 041801.	1.6	67
99	Search for the $X(3872)$. Physical Review Letters, 2015, 115, 041801.	1.6	65
100	Search for the $X(3872)$. Physical Review Letters, 2015, 115, 041801.	1.6	65
101	Measurement of the isospin asymmetry in $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$ decays. Journal of High Energy Physics, 2012, 2012, 165		
102	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
103	Production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
104	Observation of $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$ Oscillations. Physical Review Letters, 2013, 111, 181801.	2.9	65
105	Measurements of $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$ violation in the three-body phase space of charmless $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$ decays. Physical Review Letters, 2013, 111, 181801.	1.6	65
106	Precision Measurement of $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$ Violation in $B \rightarrow \hat{\pi}^+ K + \hat{\pi}^+ \hat{K}^0$. Physical Review Letters, 2015, 114, 041801.	2.9	65
107	Search for neutral Higgs bosons from supersymmetry in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 291-302.	1.5	64
108	Kinematic distributions and nuclear effects of J/ψ production in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2009, 60, 525-542.	1.4	64

#	ARTICLE	IF	CITATIONS
109	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
110	New particle searches. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 152, 439-442.	1.5	63
111	First Observation of the Decay $B_c \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2012, 108, 251802.	6.2	62
112	Determination of the Sign of the Decay Width Difference in the B_s System. Physical Review Letters, 2012, 108, 241801.	2.9	61
113	Measurement of $B_c \rightarrow \tau^+ \nu_\tau$ in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 132001.	2.9	61
114	Search for charged Higgs bosons in e^+e^- collisions at energies up to $\sqrt{s} = 13$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 543, 1-13.	1.5	60
115	Analysis of the resonant components in $B_c \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2013, 111, 112003.	1.5	60
116	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	60
117	Precision measurement of the $B_s \rightarrow s$ oscillation frequency with the decay $B_s \rightarrow D_s \tau^+ \nu_\tau$. New Journal of Physics, 2013, 15, 053021.	1.2	59
118	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	1.6	59
119	Search for supersymmetric particles in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 373, 246-260.	1.5	58
120	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	1.5	58
121	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	1.4	58
122	Measurement of b-hadron branching fractions for two-body decays into charmless charged hadrons. Journal of High Energy Physics, 2012, 2012, .	1.6	56
123	Observation of a Resonance in $B_c \rightarrow \tau^+ \nu_\tau$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	2.9	56
124	Search for scalar quarks in e^+e^- collisions at up to $\sqrt{s} = 209$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 537, 5-20.	1.5	55
125	Observation of $B_c \rightarrow \tau^+ \nu_\tau$ and $B_c \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2013, 111, 112003.	1.6	55
126	Measurement of $B_c \rightarrow \tau^+ \nu_\tau$ in pp collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 132001.	2.9	55

#	ARTICLE	IF	CITATIONS
145	Search for the doubly charmed baryon Ξ_{cc}^{++} . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
146	Precision measurement of the ratio of the $\frac{B \rightarrow D^* \tau \nu}{B \rightarrow D^* \mu \nu}$ branching fractions. Physical Review Letters, 2012, 108, 201601.	1.5	50
147	First observation and amplitude analysis of the $B \rightarrow D^* \tau \nu$ decay. Physical Review D, 2015, 91, .	1.6	50
148	Search for gauge mediated SUSY breaking topologies in ee collisions at centre-of-mass energies up to 209 GeV. European Physical Journal C, 2002, 25, 339-351.	1.4	49
149	First Evidence of Direct $C \rightarrow P$ Violation in Charmless Two-Body Decays of $B \rightarrow s \bar{K}^0$. Physical Review Letters, 2012, 108, 201601.	2.9	49
150	Searches for Majorana neutrinos in $B \rightarrow \tau \nu$ decays. Physical Review D, 2012, 85, .	1.6	49
151	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, 762, 473-483.	1.5	49
152	Absolute mass lower limit for the lightest neutralino of the MSSM from e^+e^- data at \sqrt{s} up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 583, 247-263.	1.5	48
153	The HERA-B ring imaging Cherenkov counter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2004, 516, 445-461.	0.7	48
154	Measurement of the cross-section ratio $\frac{\sigma(B \rightarrow D^* \tau \nu)}{\sigma(B \rightarrow D^* \mu \nu)}$. Physical Review Letters, 2012, 108, 201601.		

#	ARTICLE	IF	CITATIONS
163	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2015, 75, 152.	1.4	44
164	Production and decay of charmed mesons at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 266, 218-230.	1.5	43
165	Search for supersymmetric particles with R-parity violating decays in $e + e -$ collisions at \sqrt{s} up to 209 GeV. <i>European Physical Journal C</i> , 2003, 31, 1-16.	1.4	43
166	A Measurement of the $\tilde{\chi}^0_2$ to J/ψ production ratio in 920 GeV proton-nucleus interactions. <i>European Physical Journal C</i> , 2007, 49, 545-558.	1.4	43
167	Search for neutral Higgs bosons decaying into four taus at LEP2. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	43
168	Measurement of D^0 Mixing Parameters and Search for $C \rightarrow P$ Mixing. <i>Physical Review Letters</i> , 2010, 105, 111801.	2.9	42
169	Study of $\Upsilon(3S)$ b meson production in $p\bar{p}$ collisions at $\sqrt{s} = 7$ and 8 TeV. <i>European Physical Journal C</i> , 2014, 74, .	1.4	43
170	Measurement of the B_c^+ meson lifetime using $B_c^+ \rightarrow \psi \mu^+ \nu_\mu$. <i>European Physical Journal C</i> , 2014, 74, 2839.	1.4	43
171	A search for pair-produced charged Higgs bosons in Z^0 decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 241, 623-634.	1.5	42
172	Measurement of W -pair production in $e + e -$ collisions at centre-of-mass energies from 183 to 209 GeV. <i>European Physical Journal C</i> , 2004, 38, 147-160.	1.4	42
173	Identification of beauty and charm quark jets at LHCb. <i>Journal of Instrumentation</i> , 2015, 10, P06013-P06013.	0.5	42
174	Measurement of the Difference of Time-Integrated Asymmetries in D^0 Decays. <i>Physical Review Letters</i> , 2010, 105, 111801.	2.9	42
175	Study of the $\Upsilon(3823)$ and $\Upsilon(3872)$ states in $B^+ \rightarrow J/\psi K^+$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	42
176	Absolute luminosity measurements with the LHCb detector at the LHC. <i>Journal of Instrumentation</i> , 2012, 7, P01010-P01010.	0.5	41
177	First observation of the decay $B_c^+ \rightarrow \psi K^+$. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	41
178	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , 2017, 77, 812.	1.4	41
179	Search for a very light Higgs boson in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 245, 289-297.	1.5	40
180	Fast track finding with neural networks. <i>Computer Physics Communications</i> , 1991, 64, 46-56.	3.0	40

#	ARTICLE	IF	CITATIONS
181	Measurement of the effective b quark fragmentation function at the Z resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 699-714.	1.5	40
182	Quark and gluon jet properties in symmetric three-jet events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 353-364.	1.5	40
183	Search for single top production in e+e- collisions at s up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 543, 173-182.	1.5	40
184	Measurement of the CP-violating phase α_1 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 543, 173-182.	1.5	40
185	Search for Lepton Number Violating Decays $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ \bar{\nu}_\mu \nu_\tau$. Physical Review Letters, 2012, 108, 101601.	2.9	39
186	Precision Measurement of the Mass and Lifetime of the Λ_c^+ . Physical Review Letters, 2014, 113, 242002.	2.9	39
187	Study of the kinematic dependences of Λ_b^0 production in pp collisions and a measurement of the $\Lambda_b^0 \rightarrow \tau^+ \bar{\nu}_\tau \nu_c$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
188	Study of Λ_c^+ Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
189	Search for beautiful tetraquarks in the $\Upsilon(1S)$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
190	Search for $D_s^* \rightarrow D_s \gamma$ production in pp collisions. Physical Review Letters, 2016, 116, 192001.	1.6	39
191	Measurement of the charm quark fragmentation function in pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 902-909.	1.5	38
192	Measurement of charge asymmetry in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 259, 377-388.	1.5	37
193	Measurement of the forward-backward asymmetry in $Z \rightarrow \tau^+ \tau^-$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
194	Production of associated Y 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
195	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.	1.5	37
196	Evidence for b baryons in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 209-216.	1.5	36
197	First observation of the decay $B \rightarrow \tau^+ \bar{\nu}_\tau \nu_\mu + \mu^+ \bar{\nu}_\mu \nu_\tau$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
198	Measurement of the relative rate of prompt $\bar{c} \rightarrow c \gamma$ production at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36

#	ARTICLE	IF	CITATIONS
199	Amplitude analysis and branching fraction measurement of $B \rightarrow \bar{D}^* K^0$. Physical Review Letters, 2013, 113, 032001.	1.6	36
200	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
201	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \bar{D}^* K^0$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
202	Study of hadron and inclusive muon production from e^+e^- annihilation at $\sqrt{s} = 46.78$ GeV. Physical Review D, 1986, 34, 681-691.	1.6	35
203	Mass limit for the standard model Higgs boson with the full LEP I ALEPH data sample. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 427-438.	1.5	35
204	Measurement of the CKM angle β from a combination of $B \rightarrow \bar{D}^* K^0$ analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-163.	1.6	35
205	Measurement of the differential branching fraction of the decay $B \rightarrow \bar{D}^* K^0$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 2535.	1.5	35
206	Evidence for the decay $B \rightarrow \bar{D}^* K^0$. Physical Review Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 2535.	0.9	35
207	Precision Measurement of the $B \rightarrow \bar{D}^* K^0$ Lifetime. Physical Review Letters, 2013, 111, 102003.	1.6	35
208	Observation of the $B \rightarrow \bar{D}^* K^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
209	Model-independent confirmation of the $B \rightarrow \bar{D}^* K^0$ decay. Physical Review Letters, 2015, 92, .	1.6	35
210	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
211	Search for the doubly charmed baryon Ξ_{cc}^+ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	35
212	Production of charmed mesons in Z decays. Zeitschrift für Physik C-Particles and Fields, 1994, 62, 1-14.	1.5	34
213	Search for the glueball candidates $f_0(1500)$ and $f_1(1710)$ in $\hat{3}\hat{3}$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 472, 189-199.	1.5	34
214	Search for $\hat{3}\hat{3} \rightarrow \hat{1}\hat{1}$ in e^+e^- collisions at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 530, 56-66.	1.5	34
215	Measurement of the CP violating phase β . Physical Review Letters, 2003, 91, 011801.	1.5	34
216	Measurement of the CP violating phase β . Physical Review Letters, 2003, 91, 011801.	1.5	34

#	ARTICLE	IF	CITATIONS
217	Measurement of the flavour-specific CP-violating asymmetry a_1 in $B \rightarrow D^* \tau^+ \nu_\tau$ decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.5	34
218	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	34
219	Measurement of the J/ψ pair production cross-section in pp collisions at $s = 13 \sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	34
220	Angular moments of the decay $\hat{b} \rightarrow \hat{c} \tau^+ \nu_\tau$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	34
221	Measurement of $e^+e^- \rightarrow \tau^+ \tau^- \nu_\tau \bar{\nu}_\tau$: A Test of Electroweak Theories. <i>Physical Review Letters</i> , 1985, 55, 665-668.	2.9	33
222	Absolute lower limits on the masses of selectrons and sneutrinos in the MSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 544, 73-88.	1.5	33
223	Measurement of D_0, D^+, D_s^+ and D^{*+} production in fixed target 920 GeV proton-nucleus collisions. <i>European Physical Journal C</i> , 2007, 52, 531-542.	1.4	33
224	Measurement of the CP-violating phase β in $B \rightarrow D^* \tau^+ \nu_\tau$ decays. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.5	33
225	Search for direct CP violation in $B \rightarrow D^* \tau^+ \nu_\tau$ decays. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.5	33
226	Search for the rare decay $B \rightarrow D^* \tau^+ \nu_\tau$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 725, 15-24.	1.5	33
227	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 724, 36-45.	1.5	33
228	Study of $\bar{\nu}_\tau$ production and cold nuclear matter effects in pPb collisions at $s_{NN} = 5$ TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	33
229	Measurement of forward Z $\tau^+ e^+ e^-$ production at $s = 8 \sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	33
230	Precision measurement of the χ_{cc}^{++} mass. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	33
231	Search for the Supersymmetric Partners of the Z and W \pm . <i>Physical Review Letters</i> , 1984, 53, 1806-1809.	2.9	32
232	Angular distributions of leptons from J/ψ $\tau^+ \tau^-$ s produced in 920 GeV fixed-target proton-nucleus collisions. <i>European Physical Journal C</i> , 2009, 60, 517-524.	1.4	32
233	Search for the rare decays $B \rightarrow D^* \tau^+ \nu_\tau$ and $B \rightarrow D^* \tau^+ \nu_\tau$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 708, 55-67.	1.5	32
234	Search for the Lepton-Flavor-Violating Decays $B_s \rightarrow \tau^+ e^- \nu_\tau$ and $B \rightarrow \tau^+ e^- \nu_\tau$. <i>Physical Review Letters</i> , 2013, 111, 914180-32	1.5	32

#	ARTICLE	IF	CITATIONS
235	Measurement of the Semileptonic $B \rightarrow C^* \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow C^* \ell \bar{\nu}_\ell$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. http://www.w3.org/1998/Math/MathML	1.6	32
236	Search for the lepton flavour violating decay $\tilde{l}_i \rightarrow \tilde{l}_j \gamma$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. http://www.w3.org/1998/Math/MathML	2.9	32
237	Search for excited leptons in Z0 decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 236, 501-510. http://www.w3.org/1998/Math/MathML	1.5	31
239	Measurement of the ratio of $B \rightarrow C^* \ell \bar{\nu}_\ell$ fractions to $B \rightarrow C^* \ell \bar{\nu}_\ell$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. http://www.w3.org/1998/Math/MathML	1.6	31
240	Studies of beauty baryon decays to $B \rightarrow C^* \ell \bar{\nu}_\ell$. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. http://www.w3.org/1998/Math/MathML	1.6	31
241	Search for Violations of Lorentz Invariance and $B \rightarrow C^* \ell \bar{\nu}_\ell$. <i>Physical Review D</i> , 2014, 89, . http://www.w3.org/1998/Math/MathML	1.5	31
242	Search for Violations of Lorentz Invariance and $B \rightarrow C^* \ell \bar{\nu}_\ell$. <i>Physical Review D</i> , 2014, 89, . http://www.w3.org/1998/Math/MathML	2.9	31
243	Test of lepton universality with $B \rightarrow C^* \ell \bar{\nu}_\ell$ decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1. http://www.w3.org/1998/Math/MathML	1.6	31
244	A direct measurement of the invisible width of the Z from single photon counting. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993, 313, 520-534. http://www.w3.org/1998/Math/MathML	1.5	30
245	Study of the subjet structure of quark and gluon jets. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995, 346, 389-398. http://www.w3.org/1998/Math/MathML	1.5	30
246	Strange b baryon production and lifetime in Z decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 384, 449-460. http://www.w3.org/1998/Math/MathML	1.5	30
247	Study of muon-pair production at centre-of-mass energies from 20 to 136 GeV with the ALEPH detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 399, 329-341. http://www.w3.org/1998/Math/MathML	1.5	30
248	Measurement of triple gauge-boson couplings at 172 GeV. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998, 422, 369-383. http://www.w3.org/1998/Math/MathML	1.5	30
249	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , 2012, 72, 1. http://www.w3.org/1998/Math/MathML	1.4	30
250	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1. http://www.w3.org/1998/Math/MathML	1.6	30
251	Measurement of charged particle multiplicities and densities in $\sqrt{s} = 7$ TeV pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , 2014, 74, 2888. http://www.w3.org/1998/Math/MathML	1.4	30
252	Amplitude analysis of $B \rightarrow C^* \ell \bar{\nu}_\ell$. <i>Physical Review D</i> , 2015, 92, . http://www.w3.org/1998/Math/MathML	1.6	30

#	ARTICLE	IF	CITATIONS
253	Measurement of $C \rightarrow P$ violating phase in $B \rightarrow D^0$ decays. Physical Review Letters, 2015, 115, 031601.	2.9	30
254	Forward production of Ξ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
255	Angular analysis of the $B^0 \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
256	A measurement of the b baryon lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 449-458.	1.5	29
257	J/ψ production via $\bar{t}c$ decays in 920 GeV pA interactions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 61-72.	1.5	29
258	First observation of $B \rightarrow D^0 K^0$ decays. Journal of High Energy Physics, 2012, 2012, .	1.5	29
259	Study of D^0 decays to $D^0 K^0$ and $D^0 K^+ K^-$ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	1.6	29
260	Measurement of relative branching fractions of B decays to $\bar{t}(2S)$ and J/ψ mesons. European Physical Journal C, 2012, 72, 2118.	1.4	29
261	Measurement of the lifetime of the B_c meson. Physical Review Letters, 2016, 116, 011801.	2.9	29
262	Measurement of the CKM angle β from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
263	Measurement of the shape of the $B^0 \rightarrow D^0 K^0$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
264	Near-threshold D^0 spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
265	K^0 and \bar{t} meson production in proton-nucleus interactions at $\sqrt{s} = 41.6$ TeV. European Physical Journal C, 2007, 50, 315-328.	1.4	28
266	Collisions and Measurement of the $B \rightarrow D^0 K^0$ decays. Physical Review Letters, 2011, 107, .	2.9	28
267	Measurement of the $B^0 \rightarrow K^0 e^+ e^-$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
268	First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
269	First Observation of a Baryonic B_c Decay. Physical Review Letters, 2014, 113, 152003.	2.9	28

#	ARTICLE	IF	CITATIONS
271	Observation of the Decays $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^0$. Physical Review Letters, 2017, 119, 062001.	2.9	28
272	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ and $D^0 \rightarrow K^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28
273	Angular analysis of the rare decay $B^0 \rightarrow K^+ K^-$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	28
274	Observation of $B^0 \rightarrow K^+ K^-$ and Evidence for $B^0 \rightarrow K^+ K^0$. Physical Review Letters, 2017, 119, 062001.	2.9	27
275	Measurement of $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^0$. Physical Review Letters, 2017, 119, 062001.	1.5	27
276	Measurement of CP violation and constraints on the CKM angle β in $B^0 \rightarrow K^+ K^-$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
277	Violation in $B^0 \rightarrow K^+ K^-$. Physical Review Letters, 2017, 119, 062001.	2.9	27
278	Measurement of Υ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27
279	Oscillations in $B^0 \rightarrow K^+ K^-$. Physical Review Letters, 2017, 119, 062001.	2.9	27
280	Measurement of isolated photon production in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 476-486.	1.5	26
281	Updated measurement of the average b hadron lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 174-186.	1.5	26
282	Determination of $ V_{ub} / V_{cb} $ with DELPHI at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 14-30.	1.5	26
283	Bose-Einstein correlations in W-pair decays with an event-mixing technique. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 606, 265-275.	1.5	26
284	Prompt $B^0 \rightarrow K^+ K^-$ production in pp collisions at $\sqrt{s} = 0.9$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 72, 1.	1.5	26
285	Measurement of prompt hadron production ratios in pp collisions at $\sqrt{s} = 0.9$ TeV. European Physical Journal C, 2012, 72, 1.	1.4	26
286	Measurement of mixing and CP violation parameters in two-body charm decays. Journal of High Energy Physics, 2012, 2012, 1.	1.6	26
287	Measurement of CP asymmetries in the decays $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^0$. Journal of High Energy Physics, 2014, 2014, .	1.6	26
288	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	2.9	26

#	ARTICLE	IF	CITATIONS
289	Measurements of the B^+ , B^0 , B_s^0 meson and Λ_b^0 baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26
290	Angular analysis of charged and neutral $B \rightarrow K^{1/4} + \bar{1/4} \bar{a}^{\prime}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
291	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
292	Multidimensional statistical analysis using artificial neural networks - Astronomical applications. Astronomical Journal, 1993, 106, 1685.	1.9	26
293	Model independent fitting to the Z line shape. Zeitschrift für Physik C-Particles and Fields, 1991, 49, 645-655.	1.5	25
294	Performance of a large scale prototype of the ATLAS accordion electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 364, 290-306.	0.7	25
295	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
296	Measurement of the forward energy flow in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2421.	1.4	25
297	Observation of the decay $B_c^{+} \rightarrow \bar{1}^{\prime} K + K \bar{a}^{\prime} \bar{e}^+$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	25
298	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
299	Searches for Λ_b^0 and Ξ_b^0 decays to $K_{\text{S}}^0 \pi^0$ and $K_{\text{S}}^0 \pi^+$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{S}}^0 \pi^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
300	Evidence for the Strangeness-Changing Weak Decay $B_c^{+} \rightarrow \bar{1}^{\prime} K + K \bar{a}^{\prime} \bar{e}^+$. Journal of High Energy Physics, 2013, 2013, 1.	2.9	25
301	Observation of the Annihilation Decay Mode $B_c^{+} \rightarrow \bar{1}^{\prime} K + K \bar{a}^{\prime} \bar{e}^+$. Physical Review Letters, 2017, 118, 081801.	2.9	25
302	Observation of $B_c^{+} \rightarrow \bar{1}^{\prime} K + K \bar{a}^{\prime} \bar{e}^+$ Decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
303	Search for excited neutrinos in Z decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 250, 172-182.	1.5	24
304	Measurement of Tau branching ratios. Zeitschrift für Physik C-Particles and Fields, 1992, 54, 211-228.	1.5	24
305	An investigation into intermittency. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 21-32.	1.5	24
306	Update of electroweak parameters from Z decays. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 71-81.	1.5	24

#	ARTICLE	IF	CITATIONS
307	Search for anomalous weak dipole moments of the Au lepton. European Physical Journal C, 2003, 30, 291-304.	1.4	24
308	Measurements of the branching fractions of $B^+ \rightarrow \rho^+ K^+$ decays. European Physical Journal C, 2013, 73, 2462.	1.4	24
309	$\text{B}^0 \rightarrow \rho^+ K^-$ decays and searches for other B^0 and B^+ decays to $\rho^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	0.9	24
310	Observation of $B^0 \rightarrow \rho^+ K^-$ decays and measurement of the $\theta_1(1285)$ mixing angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
311	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
312	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
313	Observations of $\text{B}^0 \rightarrow \rho^+ K^-$ and $\text{B}^0 \rightarrow \rho^+ K^- + K^+$ decays and searches for other B^0 and B^+ decays to $\rho^+ K^-$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
314	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
315	Searches for low-mass dimuon resonances. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
316	A study of the decay width difference in the B^0 system using $\Delta\Gamma$ correlations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 486, 286-299.	1.5	23
317	Search for $\text{B}^0 \rightarrow \rho^+ K^-$ decays of a Higgs boson in e^+e^- collisions at \sqrt{s} up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 16-24.	1.5	23
318	Measurement of the \overline{B}^0 production cross section in 920 GeV fixed-target proton-nucleus collisions. European Physical Journal C, 2003, 26, 345-355.	1.4	23
319	Measurement of the B^0 and $B^+ \rightarrow \rho^+ K^-$ 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.	1.5	23
320	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
321	Measurement of Strong-Coupling Constant α_s to Second Order for $22 < \sqrt{s} < 46.78$ GeV. Physical Review Letters, 1985, 54, 1750-1753.	2.9	22
322	Measurement of the B hadron lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 492-504.	1.5	22
323	Search for excited leptons at $130 < \sqrt{s} < 140$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 445-453.	1.5	22
324	A measurement of the gluon splitting rate into pairs in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 437-450.	1.5	22

#	ARTICLE	IF	CITATIONS
325	Search for charged Higgs bosons in e^+e^- collisions at energies up to $\sqrt{s} = 189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 253-263.	1.5	22
326	Searches for neutral Higgs bosons in e^+e^- collisions at centre-of-mass energies from 192 to 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 499, 53-66.	1.5	22
327	Measurement of the $B \rightarrow \pi^0 \pi^0$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	22
328	A model-independent Dalitz plot analysis of $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 700, 43-55.	1.5	22
329	Model-independent search for CP violation in $B \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
330	First observations of $B \rightarrow D^* D^*$, $D_s \rightarrow D^* D^*$ and $D \rightarrow D^* D^*$ decays. Physical Review D, 2013, 87, .	1.6	22
331	Measurement of the $B \rightarrow \pi^0 \pi^0$ asymmetry in $B \rightarrow \pi^0 \pi^0$. Physical Review Letters, 2013, 110, 031801.	2.9	22
332	Measurement of the CKM angle $\hat{\beta}$ using $B \rightarrow \pi^0 DK^*$ with $D \rightarrow K^* S^0 \bar{K}^0$, $K^* S^0 K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
333	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
334	Study of $W \rightarrow b \bar{c}$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	1.6	22
335	Asymmetry in $B \rightarrow \pi^0 \pi^0$. Physical Review Letters, 2013, 110, 031801.	2.9	22
336	Measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 279, 411-421.	1.5	21
337	Search for particles with unexpected mass and charge in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 198-208.	1.5	21
338	Production of the charmonium states χ_{c0} , χ_{c1} , χ_{c2} in proton nucleus interactions at $\sqrt{s} = 1.8$ GeV. Physical Review D, 2009, 79, .	1.6	21
339	Observation of $B \rightarrow \pi^0 \pi^0$ Final States. Physical Review Letters, 2012, 108, 151801.	2.9	21
340	Search for Rare $B \rightarrow \pi^0 \pi^0$. Physical Review D, 2009, 79, .	2.9	21
341	Search for CP violation using T-odd correlations in $D \rightarrow \pi^0 K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
342	Precise measurements of the properties of the $B(5721)^0$, $B(5747)^0$ states and observation of $B \rightarrow \pi^0 \pi^0$, $B \rightarrow \pi^0 \pi^0$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21

#	ARTICLE	IF	CITATIONS
343	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
344	Measurement of the properties of the Λ_b^0 baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
345	Observation of the decay $B \rightarrow D^* \bar{K}^0$ and evidence for $B \rightarrow D^* \bar{K}^0$. Physical Review Letters, 2017, 119, 181805.	1.6	21
346	Meson Decays to $D^* \bar{K}^0$. Physical Review Letters, 2017, 119, 181805.	2.9	21
347	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \tau^- e^+ e^-$. Journal of High Energy Physics, 2018, 2018, 1.		21
348	Measurement of the absolute luminosity with the ALEPH detector. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 375-390.	1.5	20
349	Measurements of the b baryon lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 685-698.	1.5	20
350	Measurement of hadron and lepton-pair production from e^+e^- annihilation at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 378, 373-384.	1.5	20
351	The HERA-B RICH. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 433, 128-135.	0.7	20
352	Measurement of the $B \rightarrow D^* \bar{K}^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 326, 297-300.	1.5	20
353	Search for $B \rightarrow D^* \bar{K}^0$ violation in $B \rightarrow D^* \bar{K}^0$. Physical Review D, 2013, 88, 052004.	1.5	20
354	Measurement of the branching fractions and CP asymmetries of $B \rightarrow D^* \bar{K}^0$ and $B \rightarrow D^* \bar{K}^0(2S)$ decays. Physical Review D, 2012, 85, .	1.6	20
355	First observation of $B \rightarrow D^* \bar{K}^0$. Physical Review Letters, 2014, 112, 041801.	1.6	20
357	Measurements of indirect CP asymmetries in $B \rightarrow D^* \bar{K}^0$ and $B \rightarrow D^* \bar{K}^0(2S)$ decays. Physical Review Letters, 2014, 112, 041801.	1.6	20
358	Measurement of the $\Lambda_b(3P)$ mass and of the relative rate of $\Lambda_b(1P)$ and $\Lambda_b(2P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	2.9	20
359	Search for CP violation in $B \rightarrow D^* \bar{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.6	20
360	Search for CP violation in $B \rightarrow D^* \bar{K}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.6	20

#	ARTICLE	IF	CITATIONS
361	Study of B_c^+ decays to the $K^+K^0\pi^+$ final state and evidence for the decay $B_c^+\rightarrow\pi^0\pi^+K^0$. Physical Review D, 2016, 94, .	1.6	20
362	Search for the lepton-flavour violating decay $D_0\rightarrow e^+\mu^-K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
363	Measurement of CP observables in $B^{\pm}\rightarrow DK^{\pm}$ and $B^{\pm}\rightarrow D^{\pm}\pi^{\pm}$ 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
364	Studies of the resonance structure in $D^0\rightarrow K^0\pi^+\pi^-$ and $D^0\rightarrow K^0\pi^+\pi^0$. Physical Review D, 2016, 93, .	1.6	20
365	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
366	Measurement of the CP Violation Parameter A_1^{\prime} in $D_0\rightarrow K^+K^-$ and $D_0\rightarrow\pi^+\pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
367	Evidence for the decay $B_s^0\rightarrow\overline{K}^0\mu^+\mu^-$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
368	Updated measurement of time-dependent CP-violating observables in $B^0\rightarrow\psi K^+K^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
369	Searches for scalar top and scalar bottom quarks at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 413, 431-446.	1.5	19
370	Leptonic decays of the D_s meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 528, 1-18.	1.5	19
371	Measurements of the branching fractions of the decays $B_s^0\rightarrow D_s^-\pi^+\mu^+$ and $B_s^0\rightarrow D_s^-\pi^+\mu^0$. Journal of High Energy Physics, 2012, 2012, .	1.6	19
372	FlexToT - Current mode ASIC for readout of common cathode SiPM arrays. , 2013, , .		19
373	First Measurement of the CP-Violating Phase in $B^0\rightarrow\pi^+\pi^-$. Physical Review Letters, 2013, 110, 241802.	2.9	19
374	Measurement of the branching fractions of the decays $B_s^0\rightarrow D^0K^0\pi^0$ and $B_s^0\rightarrow D^0K^0\pi^+$. Physical Review D, 2013, 87, .	1.6	19
375	Search for CP violation in the decay $B^0\rightarrow\pi^+\pi^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	19
376	Resonances and CP violation in $B_s^0\rightarrow\psi K^+K^-$ decays in the mass region above the $\psi(1020)$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
377	Strong constraints on the $b\rightarrow s\gamma$ photon polarisation from $B^0\rightarrow K^0e^+e^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	19
378	Electroweak studies in e^+e^- collisions: $\sqrt{s}<46.78$ GeV. Physical Review D, 1988, 38, 2665-2678.	1.6	18

#	ARTICLE	IF	CITATIONS
379	Charged particle pair production associated with a lepton pair in Z decays. indication of an excess in the tau channel. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 263, 112-122.	1.5	18
380	Measurement of V0 production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 2011, 1.	1.6	18
381	Measurement of the $B_s \rightarrow J/\psi K^* \bar{K}^0$ branching fraction and angular amplitudes. Physical Review D, 2012, 86, .	1.6	18
382	Measurement of the fraction of $\tilde{\chi}^0(1S)$ originating from $\tilde{\chi}^{\pm}(1P)$ decays in pp collisions at $\sqrt{s}=7$,TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
383	Measurement of $B \rightarrow K^* \bar{K}^0$ violation in $B \rightarrow K^* \bar{K}^0$ decays. Physical Review D, 2014, 90, .	1.6	18
384	Measurement of forward $W \rightarrow e \nu_e$ production in pp collisions at $s = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
385	Measurement of $B \rightarrow K^* \bar{K}^0$ and $B \rightarrow K^* \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 367, 177-182.	1.5	18
386	B_c and B_c^* Resonance Parameters with the Decays $B_c \rightarrow J/\psi \ell \bar{\nu}_\ell$. Physical Review Letters, 2017, 119, 221801.	1.6	18
387	Simultaneous determination of CKM angle β^3 and charm mixing parameters. Journal of High Energy Physics, 2021, 2021, 1.	1.6	18
388	The production and decay of tau leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 179, 177-182.	1.5	17
389	Measurement of the effective $B \rightarrow K^* \bar{K}^0$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	1.7	17
390	Observation of $B^0 \rightarrow \bar{B}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	1.4	17
391	Observation of $B \rightarrow K^* \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	0.9	17
392	Measurement of the $B \rightarrow K^* \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	0.9	17
393	Measurement of the $B \rightarrow K^* \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	1.6	17
394	Measurement of the $B \rightarrow K^* \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 349-356.	2.9	17
395	Search for the decay $B_s \rightarrow D^0 \bar{D}^0$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	17
396	Study of the rare $B \rightarrow K^* \bar{K}^0$ and B^0 decays into the $\tilde{\chi}^0 + \tilde{\chi}^{\pm} \ell \bar{\nu}_\ell$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	1.5	17

#	ARTICLE	IF	CITATIONS
397	Measurement of indirect CP asymmetries in $D_0 \rightarrow K^+ K^-$ and $D_0 \rightarrow \bar{K}^+ \bar{K}^-$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17
398	Observation of $\bar{b} \rightarrow b \gamma$ ($2S$) $\rho^+ K^+$ and $\bar{b} \rightarrow b \gamma$ ($\bar{1}S$) $\rho^+ K^+$ decays and a measurement of the $\bar{b} \rightarrow b \gamma$ baryon magnetic moment. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
399	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ branching fraction and \mathcal{A}_{FB}^{μ} asymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
400	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.	1.5	17
401	Study of charmonium production in B -hadron decays and first evidence for the decay $B \rightarrow \phi \phi \phi$. European Physical Journal C, 2017, 77, 609.	1.4	17
402	Improved limit on the branching fraction of the rare decay $K^0 \rightarrow \mu^+ \mu^-$. European Physical Journal C, 2017, 77, 678.	1.4	17
403	Observation of the $\bar{b} \rightarrow b \gamma$ ($\bar{1}S$) K^+ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
404	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
405	Measurement of the $\eta_c(1S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2020, 80, 1.	1.4	17
406	Determination of the leptonic branching ratios of the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 234, 399-408.	1.5	16
407	Search for supersymmetric particles with R-parity violation in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 238-252.	1.5	16
408	Charm counting in b decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 648-658.	1.5	16
409	Measurement of W-pair production in e^+e^- collisions at 189 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 484, 205-217.	1.5	16
410	Two-dimensional analysis of Bose-Einstein correlations in hadronic Z decays at LEP. European Physical Journal C, 2004, 36, 147-159.	1.4	16
411	Measurement of the $B \rightarrow K^* \mu^+ \mu^-$ branching fraction and \mathcal{A}_{FB}^{μ} asymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17

#	ARTICLE	IF	CITATIONS
415	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
416	Study of $\bar{\nu}$ production in pPb collisions at $\sqrt{s_{\text{NN}}}=8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
417	A time expansion chamber as a vertex detector for the experiment mark j at desy. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 252, 357-365.	0.7	15
418	Measurement of the b hadron lifetime with the dipole method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 314, 459-470.	1.5	15
419	Search for heavy lepton pair production in $e+e^{\gamma}$ collisions at centre-of-mass energies of 130 and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 439-448.	1.5	15
420	Fermi-Dirac correlations in \hat{b} pairs in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 475, 395-406.	1.5	15
421	Search for a scalar top almost degenerate with the lightest neutralino in $e+e^{\gamma}$ collisions at up to 202 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 488, 234-246.	1.5	15
422	Exclusive production of pion and kaon meson pairs in two photon collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 569, 140-150.	1.5	15
423	Observation of the suppressed ADS modes $B \rightarrow \bar{c} \ell \nu$. Physical Review Letters, 2010, 105, 111801.	1.5	15
424	Observation of the suppressed decay $B \rightarrow \bar{c} \ell \nu$. Physical Review Letters, 2010, 105, 111801.	1.5	15
425	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	1.5	15
426	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
427	Measurement of CP violation parameters and polarisation fractions in $B_s \rightarrow J/\psi K^{\pm} \bar{0}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
428	Differential branching fraction and angular moments analysis of the decay $B \rightarrow K^+ \bar{c} \ell \nu$ in the $K_{0,2}^{\pm}$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
429	Measurement of $B \rightarrow D^* \ell \nu$ and $B \rightarrow D^* s \ell \nu$ meson lifetimes. Physical Review Letters, 2017, 119, 101801.	2.9	15
430	Observation of the suppressed decay $\bar{b} \rightarrow \bar{c} \ell \nu$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
431	First Observation of the Rare Purely Baryonic Decay $B_0^+ \rightarrow p \bar{c} \ell \nu$. Physical Review Letters, 2017, 119, 232001.	2.9	15
432	Search for excited B c + states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15

#	ARTICLE	IF	CITATIONS
433	Search for heavy neutral leptons in $W \rightarrow \mu^+ \mu^-$, ext $\{jet\}$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
434	Improved measurement of the B^0 and B^+ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	14
435	Observation of charmless hadronic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 471-480.	1.5	14
436	Production of $D_s^+ - \bar{D}_s^+$ mesons in hadronic Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 526, 34-49.	1.5	14
437	Improved measurement of the $b\bar{b}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. Physical Review D, 2006, 73.	1.6	14
438	Measurement of the polarization amplitudes and triple product asymmetries in the $B \rightarrow K^* \pi$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.5	14
439	Search for CP violation in $D^+ \rightarrow \pi^+ \pi^0$ and $D_s^+ \rightarrow K_S^0 \pi^+$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
440	Study of $B_{(s)}^0 \rightarrow K_{(S)}^* \pi^0$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(S)}^* \pi^0 \pi^0$ and $B_{(s)}^0 \rightarrow K_{(S)}^* \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, .	1.6	14
441	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7, \text{TeV}$ using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
442	Front End ASIC design for SiPM readout. Journal of Instrumentation, 2013, 8, C01048-C01048.	0.5	14
443	Measurement of CP violation parameters in $B \rightarrow K^* \pi$ decays. Physical Review D, 2014, 90, .	1.6	14
444	Measurement of the B^0 Meson Lifetime in $D_s^+ \rightarrow B^0$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
445	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	1.4	14
446	Measurement of CP asymmetry in $B_s^0 \rightarrow D_s^+ K^{\pm}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
447	Study of CP violation in $B^0 \rightarrow D^+ K^{\mp}$ ($h=K, \pi$) with the modes $D^+ \rightarrow K^{\pm} \pi^0$ and $D^+ \rightarrow K^{\pm} \pi^0$. Physical Review D, 2015, 91, .	1.6	14
448	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ \tau^-) / B(B_c \rightarrow \tau^+ \mu^-)$. Physical Review D, 2015, 92, .	1.6	14
449	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7 \text{ TeV}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
450	Observation of the $B^0 \rightarrow \tau^+ \tau^-$ decay from an amplitude analysis of $B^0 \rightarrow \tau^+ (\pi^+ \pi^0) (\pi^+ \pi^0)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14

#	ARTICLE	IF	CITATIONS
451	Observation of the $B \rightarrow \bar{D}^* \ell^+ \nu_\ell$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
452	Study of $\bar{\Lambda}(2S)$ 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
453	First Observation of a Baryonic $B \rightarrow s \gamma$ Decay. Physical Review Letters, 2017, 119, 041802.	1.6	14
454	Measurement of the CKM angle $\hat{\beta}^3$ using $B_{\Delta}^{\pm} \rightarrow D_{\Delta}^{\pm} K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
455	Prompt $\bar{b} + c$ production in pPb collisions at $\sqrt{s_{\text{NN}}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
456	Search for CP violation in $\Xi_{c}^{\pm} \rightarrow p \bar{K}^{\pm} \pi^{\pm}$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
457	The HERA-B RICH. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 453, 289-295.	0.7	13
458	Measurement of the forward-backward asymmetry in $Z \rightarrow b \bar{b}$ and $Z \rightarrow c \bar{c}$ decays with leptons. European Physical Journal C, 2002, 24, 177-191.	1.4	13
459	Wideband (500 MHz) 16 bit dynamic range current mode PreAmplifier for the CTA cameras (PACTA). Journal of Instrumentation, 2012, 7, C01100-C01100.	0.5	13
460	Measurement of the ratio of branching fractions $\frac{\mathcal{B}(B \rightarrow D^* \ell^+ \nu_\ell)}{\mathcal{B}(B \rightarrow D \ell^+ \nu_\ell)}$. Journal of High Energy Physics, 2016, 2016, 1.		

#	ARTICLE	IF	CITATIONS
469	Measurement of the $B \rightarrow \bar{c} \ell \nu$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 154-162.	1.5	13
470	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow \bar{c} \ell \nu$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
471	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
472	Observation of the decay $B^0 \rightarrow \bar{c} \ell \nu$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
473	Determination of $\hat{\Gamma}^3$ and charmless two-body decays of beauty mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 741, 1-11.	1.5	13
474	Study of $\hat{\Gamma}^3$ mixing from measurement of $B(s) \rightarrow \bar{c} \ell \nu$ decay rates. Journal of High Energy Physics, 2015, 2015, .	1.6	13
475	Measurement of the ratio of branching fractions $\hat{\Gamma}^3(B^0 \rightarrow \bar{c} \ell \nu) / \hat{\Gamma}^3(B^0 \rightarrow \bar{c} \ell \nu)$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
476	Measurement of the mass and lifetime of the Λ_b^0 baryon. Physical Review D, 2016, 93, https://arxiv.org/abs/1603.04913 .	1.6	13
477	Measurement of $\hat{\Gamma}^3$ from Dalitz plot analysis of $B^0 \rightarrow \bar{c} \ell \nu$ decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
478	Study of D_{s1}^0 mesons decaying to $D^0 K^+$ and $D^+ K^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
479	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
480	First observation of the decay $D^0 \rightarrow \bar{c} \ell \nu$ in the \bar{D}^0 region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
481	Measurement of $B^0 \rightarrow \bar{c} \ell \nu$ and $B^+ \rightarrow \bar{c} \ell \nu$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 128-150.	1.5	13
482	Measurement of CP asymmetry in $B^0 \rightarrow \bar{c} \ell \nu$ decays. Journal of High Energy Physics, 2018, 2018, 1.6	1.6	13
483	Measurement of $\hat{\Gamma}^3$ production in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
484	Search for the lepton flavour violating decay $B^+ \rightarrow \bar{c} \ell \nu$, using B_{s2}^0 decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
485	Search for the doubly heavy Ξ_{bc}^0 baryon via decays to $D^0 K^+$. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
486	A flavour-independent Higgs boson search in e^+e^- collisions at \sqrt{s} up to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 544, 25-34.	1.5	12

#	ARTICLE	IF	CITATIONS
487	Measurement of the hadronic photon structure function $F_2^\gamma(x, Q^2)$ in two-photon collisions at LEP. European Physical Journal C, 2003, 30, 145-158.	1.4	12
488	First Observation of the Decays $B^0 \rightarrow D^+ K^- \bar{K}^0$ and $B^0 \rightarrow D^+ K^- \bar{K}^0$. Physical Review Letters, 2012, 108, 101801. 12	1.6	12
489	Branching fraction and CP asymmetry of the decays $B^0 \rightarrow D^+ K^- \bar{K}^0$. http://www.elsevier.com/xml/xocs/dtd http://www.w3.org/2001/XMLSchema-instance http://www.elsevier.com/xml/ja/dtd http://www.w3.org/1998/Math/MathML http://www.elsevier.com/xml/common/table/dtd http://www.elsevier.com/xml/common/struct-bib/dtd http://www.elsevier.com	1.5	12
490	Studies of the decays $B \rightarrow \pi^+ \rho^0$ and observation of $B \rightarrow \pi^+ \rho^0(1520)$. Physical Review D, 2013, 88, .	1.6	12
491	Measurement of the charge asymmetry in $B \rightarrow \pi^+ \rho^0$ decays. http://www.elsevier.com/xml/xocs/dtd http://www.w3.org/2001/XMLSchema-instance http://www.elsevier.com/xml/ja/dtd http://www.w3.org/1998/Math/MathML http://www.elsevier.com/xml/common/table/dtd http://www.elsevier.com/xml/common/struct-bib/dtd http://www.elsevier.com	1.5	12
492	Measurement of CP asymmetries and polarisation fractions in $B \rightarrow O \hat{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
493	Measurement of the time-dependent CP asymmetries in $B \rightarrow O \hat{K}^0 \bar{K}^0$. Journal of High Energy Physics, 2015, 2015, .	1.6	12
494	A new algorithm for identifying the flavour of B^0 mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
495	Violation in $B \rightarrow C^+ P^-$ decays. http://www.w3.org/1998/Math/MathML http://www.elsevier.com/xml/xocs/dtd http://www.w3.org/2001/XMLSchema-instance http://www.elsevier.com/xml/ja/dtd http://www.w3.org/1998/Math/MathML http://www.elsevier.com/xml/common/table/dtd http://www.elsevier.com/xml/common/struct-bib/dtd http://www.elsevier.com	2.9	12
496	Search for B_c^+ decays to the $p\bar{p} + 4\pi^+$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
497	Observation of $B_c^+ \rightarrow D^0 K^0$ decays. Physical Review D, 2017, 95, .	1.6	12
498	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
499	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
500	Amplitude analysis of $B^0 \rightarrow s^+ K^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
501	A precise measurement of the average b hadron lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 151-162.	1.5	11
502	Two-particle correlations in pp, http://www.elsevier.com/xml/xocs/dtd http://www.w3.org/2001/XMLSchema-instance http://www.elsevier.com/xml/ja/dtd http://www.w3.org/1998/Math/MathML http://www.elsevier.com/xml/common/table/dtd http://www.elsevier.com/xml/common/struct-bib/dtd http://www.elsevier.com	1.5	11
503	Study of $B^0 \rightarrow D^+ \bar{K}^0 K^0$ and $B^0 \rightarrow D^+ \bar{K}^0 K^0$ decays. Physical Review D, 2013, 87, .	1.6	11
504	Effective lifetime measurements in the $B \rightarrow K^+ K^-$ decays. http://www.w3.org/1998/Math/MathML http://www.elsevier.com/xml/xocs/dtd http://www.w3.org/2001/XMLSchema-instance http://www.elsevier.com/xml/ja/dtd http://www.w3.org/1998/Math/MathML http://www.elsevier.com/xml/common/table/dtd http://www.elsevier.com/xml/common/struct-bib/dtd http://www.elsevier.com	1.5	11

#	ARTICLE	IF	CITATIONS
505	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	1.6	11
506	Search for the decay $B^0 \rightarrow D^+ D^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.6	11
507	Measurement of the $B_s^0 \rightarrow \mu^+ \mu^-$ branching fraction and search for the decay $B^0 \rightarrow \tau^+ \tau^-$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
508	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
509	Measurements of charm mixing and violation using $B^0 \rightarrow D^+ D^-$ decays. Physical Review D, 2017, 95, .	1.6	11
510	Observation of the decay $B^0 \rightarrow \rho^+ K^-$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
511	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
512	First measurement of the CP-violating phase ϕ_{s1} in $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
513	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \rho^+ K^-$ and $B^0 \rightarrow \rho^0 K^+$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
514	First observation of $B^0 \rightarrow D^+ K^-$ decays and a search for $B^0 \rightarrow D^+ s^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
515	Amplitude analysis of the $B_{(s)}^0 \rightarrow K^+ \overline{K}^0$ decays and measurement of the branching fraction of the $B^0 \rightarrow K^+ \overline{K}^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
516	Measurements of CP asymmetries in charmless four-body Λ_b^0 and Ξ_b^0 decays. European Physical Journal C, 2019, 79, 1.	1.4	11
517	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu$. European Physical Journal C, 2019, 79, 1.	1.4	11
518	A search for $\Xi_{cc}^{++} \rightarrow D^+ p K^+$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
519	Measurement of the Λ_b^0 angular distribution and the Λ_b^0 polarisation in pp collisions. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
520	USE OF NEURAL NETS TO MEASURE THE μ , POLARIZATION AND ITS BAYESIAN INTERPRETATION. International Journal of Neural Systems, 1991, 02, 221-228.	3.2	10
521	Inclusive semileptonic branching ratios of b hadrons produced in Z decays. European Physical Journal C, 2002, 22, 613-626.	1.4	10
522	Inclusive production of the D^0 and D^+ mesons in Z decays, and the muonic branching ratio of the D^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 528, 19-33.	1.5	10

#	ARTICLE	IF	CITATIONS
523	A measurement of the gluon splitting rate into $c\bar{c}$ pairs in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 561, 213-224.	1.5	10
524	First observation of the decays $B^-(s) \rightarrow D_s + K^+ \ell^- \bar{\nu}_\ell$ and $B^-(s) \rightarrow D_s(2536) + \ell^- \bar{\nu}_\ell$. Physical Review D, 2012, 86, 16	1.6	10
525	Measurement of the effective lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 716, 393-400.	1.6	10
526	First evidence for the two-body charmless baryonic decay $B^0 \rightarrow p \bar{\nu}_\ell$. Journal of High Energy Physics, 2013, 2013, .	1.6	10
527	Search for CP violation in the phase space of $D^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 345-356.	1.5	10
528	Evidence for the two-body charmless baryonic decay $B^+ \rightarrow p \bar{\Lambda}^0$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
529	Study of $\overline{b}b$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
530	Search for a dimuon resonance in the J/ψ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
531	Measurement of branching fractions of charmless four-body $\bar{b} \rightarrow b 0$ and $\bar{b} \rightarrow b 0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
532	Dalitz plot analysis of the $D^+ \rightarrow K^+ K^+ K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
533	Search for the doubly charmed baryon Ξ_{cc} . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	10
534	A measurement of the strong coupling constant $\hat{\alpha}_s$ to complete second order. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 180, 181-184.	1.5	9
535	The forward-backward asymmetry for charm quarks at the Z pole. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 479-486.	1.5	9
536	Characterization and simulation of Avalanche PhotoDiodes for next-generation colliders. Sensors and Actuators A: Physical, 2011, 172, 181-188.	2.0	9
537	First observation of the decay $B_s^0 \rightarrow \phi \bar{K}^{*0}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	9
538	First observations of the rare decays $B^+ \rightarrow K^+ \ell^- \bar{\nu}_\ell + \ell^+ \ell^- \bar{\nu}_\ell$ and $B^+ \rightarrow K^+ \ell^+ \ell^- \bar{\nu}_\ell$. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
539	Observation of the $B_s^0 \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
540	Search for the $\bar{b} \rightarrow b 0$ and $\bar{b} \rightarrow b 0$ decays with the LHCb detector. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9

#	ARTICLE	IF	CITATIONS
541	Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
542	Model-independent measurement of the CKM angle $\hat{\Gamma}^3$ using $B^0 \rightarrow DK^+ D^+ \bar{K}^0$ decays with $D \rightarrow K^+ K^0$ and $D \rightarrow K^+ K^+$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
543	Search for the suppressed decays $B^+ \rightarrow K^+ K^+ \bar{K}^0$ and $B^+ \rightarrow \bar{K}^0 K^+ K^+$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.5	9
544	Observation of the Decay $\bar{B}^0 \rightarrow \rho^+ K^+ K^+$. Physical Review Letters, 2017, 118, 071801.	2.9	9
545	Measurement of CP violation in $B^0 \rightarrow \bar{K}^0 \bar{K}^0$ and $B^0 \rightarrow \bar{K}^0 \bar{K}^0 (2S)$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	9
546	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
547	Measurement of the $\Upsilon(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
548	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	1.4	9
549	Study of $B^0 \rightarrow \bar{K}^0 K^+ K^+$ decays. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
550	Search for long-lived particles decaying to $e^+ \mu^+ \mu^+ \mu^+$. European Physical Journal C, 2021, 81, 1.	1.4	9
551	Search for decays of the Z^0 into a photon and a pseudoscalar meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 635-643.	1.5	8
552	Performance of an endcap prototype of the ATLAS accordion electromagnetic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 389, 398-408.	0.7	8
553	The forward-backward asymmetry for charm quarks at the Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 434, 415-425.	1.5	8
554	Search for $\hat{\Gamma}^3$ decays of a Higgs boson produced in association with a fermion pair in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 487, 241-252.	1.5	8
555	Test of multi-anode photomultiplier tubes for the LHCb scintillator pad detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 538, 255-264.	0.7	8
556	Test of colour reconnection models using three-jet events in hadronic Z decays. European Physical Journal C, 2006, 48, 685.	1.4	8
557	Observation of the $B^0 \rightarrow \bar{K}^0 K^+ K^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
558	Search for the rare decays $B^0 \rightarrow \bar{K}^0 K^+ K^+$ and $B^0 \rightarrow \bar{K}^0 K^+ K^+$. Physical Review D, 2015, 92, .	1.6	8

#	ARTICLE	IF	CITATIONS
559	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^*0$ with $D^0 \rightarrow K^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
560	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
561	Observation of charmless baryonic decays $B \rightarrow \Lambda_c^+ \pi^-$. $B \rightarrow \Lambda_c^+ \pi^-$		
562	Measurement of CP asymmetries in $D^0 \rightarrow \pi^+ \pi^-$ and $D_s^0 \rightarrow \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
563	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- (2S)$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
564	Precision measurement of the B_c^+ meson mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
565	Improved measurement of the B^0 and B^+ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	8
566	Search for the doubly charmed baryon χ_{cc}^+ in the $\chi_{cc}^+ \rightarrow \pi^+ \pi^+$ final state. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
567	Search for SUSY particles $\tilde{\chi}_1^0, \tilde{\chi}_1^\pm$ in electron positron annihilation at 44 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 194, 167-172.	1.5	7
568	Search for a new weakly interacting particle. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 139-147.	1.5	7
569	On the determination of probability density functions by using Neural Networks. Computer Physics Communications, 1998, 115, 25-31.	3.0	7
570	Search for single top production in e^+e^- collisions at $\sqrt{s} = 202$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 33-45.	1.5	7
571	Study of multianode photomultipliers for the electromagnetic calorimeter preshower read out of the Lhcb experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 504, 9-13.	0.7	7
572	Measurement of the $\tilde{\nu}$ production cross section in 920 GeV fixed-target proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 638, 13-21.	1.5	7
573	Low noise front end ICECAL ASIC for the upgrade of the LHCb calorimeter. Journal of Instrumentation, 2012, 7, C01080-C01080.	0.5	7
574	Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
575	Searches for $B_{(s)}^0 \rightarrow \pi^+ \pi^- \pi^0$ and $B_{(s)}^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	7
576	Search for the decay $B_s^0 \rightarrow D^* \pi^0$. Physical Review D, 2013, 87, .	1.6	7

#	ARTICLE	IF	CITATIONS
577	First observation and measurement of the branching fraction for the decay $B \rightarrow D S^* K^{\pm}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
578	Search for the CP-violating strong decays $\hat{B} \rightarrow \bar{D} K^{\pm}$ and $\hat{B} \rightarrow (958) \hat{D} K^{\pm}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	1.5	7
579	Observation of $B \rightarrow W^+ \bar{D} K^{\pm}$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.5	7
580	Observation of $B \rightarrow W^+ \bar{D} K^{\pm}$ decays. European Physical Journal C, 2017, 77, 72.	1.4	7
581	Measurement of CP observables in $B \rightarrow D K^{\pm}$ decays using two- and four-body D final states. Journal of High Energy Physics, 2017, 2017, 1.	1.6	7
582	Measurement of the time-integrated CP asymmetry in $D \rightarrow S K^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	7
583	Study of the $B \rightarrow K^* \bar{D} K^{\pm}$ decay with an amplitude analysis of $B \rightarrow K^* (\bar{D} K^{\pm})$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
584	Observation of the $\Lambda_b \rightarrow \bar{D} K^{\pm}$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
585	Search for CP violation through an amplitude analysis of $D \rightarrow K^* K^{\pm}$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
586	Measurement of the shape of the $B \rightarrow D^* K^{\pm}$ differential decay rate. Journal of High Energy Physics, 2020, 2020, 1.	1.6	7
587	Search for a very light CP-odd neutral Higgs boson of the MSSM. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 285, 309-318.	1.5	6
588	Observation of monojet events and tentative interpretation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 334, 244-252.	1.5	6
589	The performance of the HERA-B RICH at high track densities. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 471, 30-34.	0.7	6
590	Publisher's Note: Evidence for CP violation in Time-Integrated $D \rightarrow K^* K^{\pm}$ decay rates [Phys. Rev. Lett. 108, 111602 (2012)]. Physical Review Letters, 2012, 108, .	2.9	6
591	Low Noise Front End ASIC With Current Mode Active Cooled Termination for the Upgrade of the LHCb Calorimeter. IEEE Transactions on Nuclear Science, 2012, 59, 2471-2478.	1.2	6
592	Measurement of CP observables in $B \rightarrow D K^{\pm}$ with $D \rightarrow K^* K^{\pm}$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	6
593	Study of $B \rightarrow D^* K^{\pm}$ decays. Physical Review D, 2015, 92, .		
594	Determination of the branching fractions of $B \rightarrow D S^* K^{\pm}$ and $B \rightarrow D S^* K^{\pm}$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6

#	ARTICLE	IF	CITATIONS
595	Measurement of the $B \rightarrow D^* \ell \bar{\nu}_\ell$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 762, 484-492.	1.5	6
596	Observation of $B_s \rightarrow D^* K^0$ and Evidence for $B_s \rightarrow D^* K^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6
597	Measurement of the B_{Δ^\pm} production asymmetry and the CP asymmetry in $B_{\Delta^\pm} \rightarrow J/\psi K_{\Delta^\pm}$ decays. Physical Review D, 2017, 95, .	1.6	6
598	Search for Baryon-Number Violating $\langle \mathbb{Z} \rangle$ Oscillations. Physical Review Letters, 2017, 119, 181807.	2.9	6
599	Updated branching fraction measurements of $B_0 \rightarrow \rho^+ \rho^- K^0$ decays. Journal of High Energy Physics, 2017, 2017, .	1.6	6
600	Observation of the decay $B \rightarrow D^* \ell^+ \ell^-$ and evidence for $B \rightarrow D^* \ell^+ \ell^-$. Journal of High Energy Physics, 2017, .	1.6	6
601	Measurement of $Z \rightarrow \ell^+ \ell^-$ production in proton-proton collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
602	Measurement of CP violation in the $B_s \rightarrow \phi \phi$ decay and search for the $B \rightarrow \ell^+ \ell^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
603	Measurement of the CKM angle $\hat{\beta}$ in $B_{\Delta^\pm} \rightarrow D^* K_{\Delta^\pm}$ and $B_{\Delta^\pm} \rightarrow D^* K_{\Delta^\pm}$ decays with $D^* \rightarrow K^0 \pi^0$. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
604	A New Method Based on Artificial Neural Network Techniques for Determining the Fraction of Binaries in Star Clusters. Astrophysical Journal, 1996, 462, 221.	1.6	6
605	Fragmentation corrections to triple energy correlations in high-energy e^+e^- annihilation. Physical Review D, 1986, 34, 129-132.	1.6	5
606	USE OF MULTILAYER FEEDFORWARD NEURAL NETS AS A DISPLAY METHOD FOR MULTIDIMENSIONAL DISTRIBUTIONS. International Journal of Neural Systems, 1995, 06, 273-282.	3.2	5
607	Measurement of the inclusive $D^* \pi$ production in $\gamma\gamma$ collisions at LEP. European Physical Journal C, 2003, 28, 437-449.	1.4	5
608	Search for Higgs bosons decaying to WW in e^+e^- collisions at LEP. European Physical Journal C, 2007, 49, 439.	1.4	5
609	High voltage vs. high integration: a comparison between CMOS technologies for SPAD cameras. , 2010, , .		5
610	Noise Analysis of Time Variant Shapers in Frequency Domain. IEEE Transactions on Nuclear Science, 2011, 58, 177-186.	1.2	5
611	Feasibility of an online adaptive replanning method for cranial frameless intensity-modulated radiosurgery. Medical Dosimetry, 2013, 38, 291-297.	0.4	5
612	First observation of the rare $B \rightarrow D^* K^0$ decay. Physical Review D, 2016, 93, .	1.6	5

#	ARTICLE	IF	CITATIONS
613	Measurement of the $B_s^0 \rightarrow D_s^{(*)} + D_s^{(*)} \bar{\nu}$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
614	First observation of the decay $B_s^0 \rightarrow K^+ K^- (892)^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1. 5		
615	Measurement of D_{\pm}^{\pm} s production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
616	Measurement of the ratio of branching fractions of the decays $B^0 \rightarrow \bar{D}^{*0} (2S)^{\pm}$ and $B^0 \rightarrow \bar{D}^{*0} J/\psi$. Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
617	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.	1.6	5
618	Measurement of J/ψ production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2021, 2021, 1.	1.6	5
619	Performance of a liquid argon accordion hadronic calorimeter prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1995, 355, 295-307.	0.7	4
620	A REGULARIZATION TERM TO AVOID THE SATURATION OF THE SIGMOIDS IN MULTILAYER NEURAL NETWORKS. International Journal of Neural Systems, 1996, 07, 257-262.	3.2	4
621	Study of Geiger avalanche photo-diodes (GAPDs) applications to pixel tracking detectors. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 541-542.	0.7	4
622	Readout electronics for low dark count pixel detectors based on Geiger mode avalanche photodiodes fabricated in conventional CMOS technologies for future linear colliders. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 650, 120-124.	0.7	4
623	Time alignment of the front end electronics of the LHCb calorimeters. Journal of Instrumentation, 2012, 7, P08020-P08020.	0.5	4
624	Observation of the $B^+ \rightarrow D^{*+} K^+ \bar{\nu}$ decay. Physical Review D, 2017, 96, .	1.6	4
625	Measurement of forward top pair production in the dilepton channel in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
626	Measurement of CP violation in $B^0 \rightarrow D^{\pm} \bar{K}^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
627	Measurement of CP observables in $B_{\pm}^{\pm} \rightarrow DK_{\pm}^{\pm}$ and $B_{\pm}^{\pm} \rightarrow D\bar{K}_{\pm}^{\pm}$ with $D \rightarrow \pi^+ \pi^0$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	4
628	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.	1.6	4
629	Observation of the semileptonic decay $B^+ \rightarrow \bar{p} \mu^+ \bar{\nu}_{\mu}$. Journal of High Energy Physics, 2020, 2020, .	1.6	4
630	Subtle errors in Λ_{\pm} determination using \bar{K}^0 -corrected data of energy-energy asymmetry. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 180, 409-414.	1.5	3

#	ARTICLE	IF	CITATIONS
631	A very forward luminosity monitor for the ALEPH detector at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 297, 153-162.	0.7	3
632	ANALYTICAL INTERPRETATION OF FEED-FORWARD NETS OUTPUTS AFTER TRAINING. International Journal of Neural Systems, 1996, 07, 19-27.	3.2	3
633	Improved Multidimensional Scaling Analysis Using Neural Networks with Distance-Error Backpropagation. Neural Computation, 1999, 11, 595-600.	1.3	3
634	The physics potential of the HERA-B RICH. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 433, 357-365.	0.7	3
635	Constraints on anomalous QGCs in interactions from 183 to 209 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 31-40.	1.5	3
636	Single vector boson production in $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.co.$	1.5	3
637	Bottom production cross section from double muonic decays of b-flavoured hadrons in 920 GeV proton-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 103-110.	1.5	3
638	Luminosity determination at HERA-B. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 582, 401-412.	0.7	3
639	Avalanche photodiodes for high energy particle tracking in 130 nm CMOS technology. , 2009, , .		3
640	V0 production in p+A collisions at $\sqrt{s}=41.6$ GeV. European Physical Journal C, 2009, 61, 207-221.	1.4	3
641	Comparison between technologies for APDs fabrication in particle detectors. Procedia Engineering, 2010, 5, 677-680.	1.2	3
642	Readout electronics for low dark count Geiger mode avalanche photodiodes fabricated in conventional HV-CMOS technologies for future linear colliders. Journal of Instrumentation, 2011, 6, C01015-C01015.	0.5	3
643	A test beam setup for the characterization of the Geiger-mode avalanche photodiode technology for particle tracking. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 694, 199-204.	0.7	3
644	Evaluation of the FlexToT ASIC on the readout of SiPM matrices and scintillators for PET. , 2013, , .		3
645	Performance of the FlexToT v2 ASIC on the readout of different detector designs for PET. , 2015, , .		3
646	Search for the $B \rightarrow \rho^+ \rho^0 \pi^+$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
647	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \rho^+ \rho^0 \pi^+$ and $B \rightarrow \rho^+ \rho^0 K^+$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
648	Measurement of the branching fraction and CP asymmetry in $B \rightarrow \rho^+ \rho^0 \pi^+$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3

#	ARTICLE	IF	CITATIONS
649	Test of agreement between two multidimensional empirical distributions. Computer Physics Communications, 1994, 84, 297-306.	3.0	2
650	Performance of the liquid argon electromagnetic and hadronic accordion calorimeter for the LHC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 344, 39-46.	0.7	2
651	Backsplash studies for the Scintillator Pad Detector of LHCb in a tagged-photon test beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2002, 484, 333-341.	0.7	2
652	Backsplash testbeam results for the SPD subdetector of LHCb. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 546, 438-447.	0.7	2
653	Pulseshape simulations for the SPD subdetector of LHCb. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 556, 87-93.	0.7	2
654	Measurement of the CP asymmetry in $B^{\pm} \rightarrow \pi^{\pm} \rho^0$ and $B^{\pm} \rightarrow \pi^{\pm} \rho^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	2
655	Observation of the doubly Cabibbo-suppressed decay $B^{\pm} \rightarrow \pi^{\pm} \rho^0$. Journal of High Energy Physics, 2019, 2019, 1.	1.8	2
656	Search for the rare decay $B^0 \rightarrow J/\psi \pi^0$. Chinese Physics C, 2021, 45, 043001.	1.5	2
657	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$; $\sqrt{s} = 8$; $\sqrt{s} = 13$ TeV. , 2012, 2012, 1.		2
658	Multidimensional interpolation using artificial neural networks: Application to an HI cloud in Perseus. Astronomical Journal, 1995, 109, 312.	1.9	2
659	Measurement of CP violation in $B^0 \rightarrow \pi^0 \rho^{\pm}$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
660	First measurement of the CP-violating phase in $B^0 \rightarrow \pi^0 \rho^0$. Journal of High Energy Physics, 2020, 2020, 1.	1.4	2
661	Search for massive long-lived particles decaying semileptonically at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2022, 82, .	1.4	2
662	On the small contribution to the Z0 width of a new and elusive vector-like down quark singlet. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 503-506.	1.5	1
663	Statistical methods in astronomy based on artificial neural network techniques. New Astronomy Reviews, 1994, 38, 257-263.	0.3	1
664	Test beam results of a stereo preshower integrated in the liquid argon accordion calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 411, 313-329.	0.7	1
665	Non-linear dimensionality reduction with input distances preservation. , 1999, , .		1
666	APD performance in a luminosity monitor at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 442, 198-202.	0.7	1

#	ARTICLE	IF	CITATIONS
667	Using ASD8 as readout of multianode photomultipliers for single photoelectron discrimination in the HERA-B RICH detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2001, 457, 627-633.	0.7	1
668	Radiation hardness on very front-end for SPD. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2005, 551, 458-468.	0.7	1
669	SPD very front end electronics. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2006, 567, 310-314.	0.7	1
670	Heavy Ion Test Results in a CMOS triple Voting Register for a High-Energy Physics Experiment. , 2007, , .		1
671	Status of the LHCb Experiment. Nuclear Physics, Section B, Proceedings Supplements, 2007, 170, 273-277.	0.5	1
672	Mass characterization of MaPMT tubes for the LHCb scintillator pad detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 572, 427-428.	0.7	1
673	SEM/FIB for characterization of nanosized imagers. Procedia Engineering, 2010, 5, 697-700.	1.2	1
674	FIB-SEM as a tool for characterizing single-photon detectors. Proceedings of SPIE, 2010, , .	0.8	1
675	Analog signal processing solutions for particle physics detectors: Upgrade of the LHCb calorimeter electronics. , 2013, , .		1
676	LHCb Collaboration. Nuclear Physics A, 2014, 932, 621-626.	0.6	1
677	LHCb Collaboration. Nuclear Physics A, 2017, 967, 987-993.	0.6	1
678	Observation of the decay $\overline{B}_s^0 \rightarrow \chi_{c2} K^+ K^-$ in the \bar{c} mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	1
679	Multimodal Simulation of Large Area Silicon Photomultipliers for Time Resolution Optimization. , 2019, , .		1
680	Measurement of branching fraction ratios for $B^+ \rightarrow D^{*+} K^+$, $B^+ \rightarrow D^{*+} K^+$, and $B^0 \rightarrow D^{*+} K^+$ decays. Journal of High Energy Physics, 2020, 2020, .	1.6	1
681	Optimal projection to estimate the proportions of the different subsamples in a given mixture sample. Computer Physics Communications, 1997, 104, 37-45.	3.0	0
682	Analysis of transverse momentum correlations in hadronic Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 447, 183-198.	1.5	0
683	Scintillator Pad Detector: Very Front End Electronics. Design and Pre-Series. AIP Conference Proceedings, 2006, , .	0.3	0
684	Radiation tolerant SPI-programmable delay line for high energy physics experiments. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
685	Low Dark Count Geiger Mode Avalanche Photodiodes Fabricated in Conventional CMOS Technologies. Sensor Letters, 2011, 9, 2408-2411.	0.4	0
686	Hardware implementation of a neural network for high energy physics application. Lecture Notes in Computer Science, 1993, , 426-431.	1.0	0
687	Updated search for B_c^+ decays to two charm mesons. Journal of High Energy Physics, 2021, 2021, 1.	1.6	0