

Tomasz Szumlak

List of Publications by Year in descending order

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Version: 2024-02-01

582
papers

29,825
citations

7551

77
h-index

8138

148
g-index

591
all docs

591
docs citations

591
times ranked

10325
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for the Standard Model Higgs boson at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 61-75.	1.5	1,175
2	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
3	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	0.5	969
4	Test of Lepton Universality Using $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML	2.9	845
5	Measurement of the Ratio of Branching Fractions $\frac{B \rightarrow J/\psi p}{B \rightarrow J/\psi \Lambda}$ Consistent with Pentaquark States in B Mesons. Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML	2.9	816
6	Measurement of the Ratio of Branching Fractions $\frac{B \rightarrow J/\psi p}{B \rightarrow J/\psi \Lambda}$ Consistent with Pentaquark States in B Mesons. Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML		

#	ARTICLE	IF	CITATIONS
19	Measurement of the Fraction and Search for $B_s \rightarrow B^0 \hat{\tau}^+ \tau^-$ Physical Review Letters, 2013, 111, 101805.	2.9	258
20	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2011, 71, 1. Observation of Five New Narrow χ_{c0} States Decaying to $J/\psi \pi^0$ <i>Measurement of the Ratio of Branching Fractions $R_{B \rightarrow B^0 \tau^+ \tau^-}$</i>	1.4	238
21	Measurement of the Ratio of Branching Fractions $R_{B \rightarrow B^0 \tau^+ \tau^-}$	2.9	234
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#	ARTICLE	IF	CITATIONS
37	Measurement of the track reconstruction efficiency at LHCb. Journal of Instrumentation, 2015, 10, P02007-P02007.	0.5	127
38	Observation of χ^0 -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
39	Study of tau-pair production in photon-photon collisions at LEP and limits on the anomalous electromagnetic moments of the tau lepton. European Physical Journal C, 2004, 35, 159-170.	1.4	118
40	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.4	117
41	Measurement of hadron production fractions in 7 TeV pp collisions. Physical Review Letters, 2012, 109, 052001.	1.6	116
42	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	1.5	115
43	Evidence for the decay $B \rightarrow \chi^0 \gamma$. Physical Review Letters, 2012, 109, 052001.	0.9	114
44	Search for Dark Photons Produced in 13 TeV pp Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
45	Differential branching fraction and angular analysis of the decay $B \rightarrow K^* \chi^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	111
46	Updated measurements of exclusive J/ψ and $\psi(2S)$ production cross-sections in pp collisions at $\sqrt{s}=7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 055002.	1.4	111
47	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	0.5	110
48	Evidence for Exotic Hadron Contributions to $B \rightarrow \chi^0 \gamma$. Physical Review Letters, 2012, 109, 052001.	2.9	110
49	Measurement of $B \rightarrow \chi^0 \gamma$ branching fraction. Physical Review Letters, 2012, 109, 052001.	2.9	108
50	Measurement of J/ψ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 2025.	1.4	106
51	Search for Majorana Neutrinos in $B \rightarrow \chi^0 \gamma$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
52	First Observation of $B \rightarrow \chi^0 \gamma$ Violation in the Decays of $B \rightarrow \chi^0 \gamma$. Physical Review Letters, 2013, 110, 221601.	2.9	105
53	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
54	Exclusive J/ψ and $\psi(2S)$ production in pp collisions at $\sqrt{s}=7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	1.4	104

#	ARTICLE	IF	CITATIONS
55	Observation of double charm production involving open charm in pp collisions at $\sqrt{s} = 7$; $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	103
56	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{D}^* \bar{K}^* \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	103
57	Contributions to $B \rightarrow D^* \pi$ from charm quark production. Journal of High Energy Physics, 2012, 2012, 1.	2.9	102
58	Measurement of $B \rightarrow D^* \pi$ violation in the Phase Space of $B \rightarrow D^* \pi$. Physical Review Letters, 2013, 111, 101801.	2.9	101
59	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
60	Dalitz plot analysis of $B \rightarrow D^* \pi$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	99
61	Observation of Excited Λ Baryons. Physical Review Letters, 2012, 109, 172003.	2.9	98
62	Searches for neutral Higgs bosons in extended models. European Physical Journal C, 2004, 38, 1-28.	1.4	96
63	Amplitude analysis of $B \rightarrow D^* \pi$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	92
64	Observation of a New Radiative Transitions to $B \rightarrow D^* \pi$. Journal of High Energy Physics, 2012, 2012, 1.	2.9	90
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 charged Higgs bosons at LEP in general two Higgs doublet models. European Physical Journal C, 2004, 34, 399-418.	1.4	87
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 $D^* \pi$ meson decays to $D^* \pi$, $D^* \pi$ and $D^* \pi$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	1.6	82
69	Measurement of the $B \rightarrow D^* \pi$ violation in the Phase Space of $B \rightarrow D^* \pi$. Physical Review Letters, 2013, 111, 101801.	2.9	82
70	Differential branching fraction and angular analysis of $B \rightarrow D^* \pi$ decays. Journal of High Energy Physics, 2015, 2015, .	1.6	82
71	Search for the Decays $B \rightarrow D^* \pi$ and $B \rightarrow D^* \pi$. Journal of High Energy Physics, 2012, 2012, 1.	2.9	81
72	Observation of Overlapping Spin-1 and Spin-3 Baryons at Mass. Physical Review Letters, 2014, 113, 162001.	2.9	80

#	ARTICLE	IF	CITATIONS
73	Dalitz plot analysis of $B \rightarrow D^+ K^- \pi^0$ decays. Physical Review Letters, 2014, 112, 011801.	1.6	80
74	Search for long-lived scalar particles in $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review Letters, 2014, 112, 011801.	1.6	79
75	Violation in the Phase Space of $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review Letters, 2014, 112, 011801.	2.9	78
76	Search for Structure in the $B \rightarrow K^+ K^- \pi^0$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	78
77	A study of the energy evolution of event shape distributions and their means with the DELPHI detector at LEP. European Physical Journal C, 2003, 29, 285-312.	1.4	77
78	First observation of $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review Letters, 2014, 112, 011801.	2.9	77
79	Particle and High-Energy Physics, 2011, 698, 115-122. Study of the production of and hadrons in pp collisions and first measurement of the branching fraction. Chinese Physics C, 2016, 40, 011001.	1.5	77
80	Observation of a New $B \rightarrow K^+ K^- \pi^0$ Resonance. Physical Review Letters, 2018, 121, 072002.	2.9	77
81	Measurements of $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review Letters, 2018.	2.9	76
82	Observation of CP violation in $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review Letters, 2012, 109, 232001.	2.9	75
83	Measurements of the S-wave fraction in $B \rightarrow K^+ K^- \pi^0$ decays and the $B \rightarrow K^+ K^- \pi^0$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
84	Measurement of $B \rightarrow K^+ K^- \pi^0$ violation and the $B \rightarrow K^+ K^- \pi^0$ decay width difference with $B \rightarrow K^+ K^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	1.6	74
85	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 $B \rightarrow K^+ K^- \pi^0$ decays. Physical Review Letters, 2012, 109, 232001.	1.6	73
87	Measurement of the $\eta_c(1S)$ production cross-section in proton-proton collisions via		
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91	Amplitude analysis of $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2016, 94, .	1.6	72
92	Inclusive W and Z production in the forward region at $\sqrt{s} = 7, \sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	71
93	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
94	Measurement of the resonant and non-resonant components in $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2012, 86, .	1.6	67
95	Analysis of the resonant components in $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2012, 86, .	1.6	65
96	Measurement of the isospin asymmetry in $B \rightarrow D^* \pi^0$ decays. Journal of High Energy Physics, 2012, 2012, 165	1.6	65
97	Precision measurement of D meson mass differences. Journal of High Energy Physics, 2013, 2013, .	1.6	65
98	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	65
99	Observation of $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2014, 90, .	2.9	65
100	Measurements of $B \rightarrow D^* \pi^0$ violation in the three-body phase space of charmless $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2014, 90, .	1.6	65
101	Violation in $B \rightarrow D^* \pi^0$ decays. Physical Review D, 2014, 90, .	2.9	65
102	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
103	Search for doubly charged Higgs bosons at LEP2. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 552, 127-137.	1.5	63
104	First Observation of the Decay $B \rightarrow D^* \pi^0$. Physical Review Letters, 2012, 108, 251802.	2.9	62
105	Determination of the Sign of the Decay Width Difference in the $B \rightarrow D^* \pi^0$ System. Physical Review Letters, 2012, 108, 241801.	2.9	61
106	Measurement of $B \rightarrow D^* \pi^0$ in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 132001.	2.9	61

#	ARTICLE	IF	CITATIONS
109	Jet production in ep collisions at high Q ² and determination of $\hat{\Lambda}_{\pm}$ s. European Physical Journal C, 2010, 65, 363-383. Search for the rare decays $B \rightarrow s \gamma$. $\text{Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics}$, 2011, 699, 330-340.	1.4	60
110	Analysis of the resonant components in $B \rightarrow s \gamma$. $\text{Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics}$, 2011, 699, 330-340.	1.5	60
111	Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. $\text{Journal of High Energy Physics}$, 2015, 2015, 1.	1.6	60
112	Precision measurement of the $B_{(s)} \rightarrow s \gamma$ oscillation frequency with the decay $B_{(s)} \rightarrow s \gamma$. $\text{New Journal of Physics}$, 2013, 15, 053021.	1.2	59
113	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. $\text{Journal of High Energy Physics}$, 2016, 2016, .	1.6	59
114	Measurement of b-hadron masses. $\text{Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics}$, 2012, 708, 241-248.	1.5	58
115	Opposite-side flavour tagging of B mesons at the LHCb experiment. $\text{European Physical Journal C}$, 2012, 72, 2022.	1.4	58
116	Evidence for an $\eta_c(1S) \pi^+ \pi^-$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$		
117			

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127	Measurement of $\psi(2S)$ $\bar{\psi}(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
128	Measurement of the mass and width of the W boson in $e+e-$ collisions at $\sqrt{s} = 161\text{--}209$ GeV. European Physical Journal C, 2008, 55, 1.	1.4	52
129	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^+ \bar{K}^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
130	Measurement of the exclusive Υ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
131	Measurement of the b -Quark Production Cross Section in 7 and 13 TeV Collisions. Physical Review Letters, 2015, 115, 151803.	2.9	52
132	First Observation of the Decay $B \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2013, 110, 151803.	2.9	51
133	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow K^+ K^-$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
134	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^+ K^-$. Physical Review Letters, 2012, 108, 181806.	2.9	50
135	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
136	Search for the doubly charmed baryon Ξ_{cc}^+ . Journal of High Energy Physics, 2013, 2013, 1.	1.6	50
137	Precision measurement of the ratio of the b -quark production cross-sections in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2469.	1.5	50
138	First observation and amplitude analysis of the decay $B \rightarrow \tau^+ \nu_\tau$. Physical Review Letters, 2012, 108, 201601.	1.6	50
139	Single intermediate vector boson production in $e+e-$ collisions * at $\sqrt{s} = 183\text{--}209$ GeV. European Physical Journal C, 2006, 45, 273-289.	1.4	49
140	First Evidence of Direct CP Violation in Charmless Two-Body Decays of B Mesons. Physical Review Letters, 2012, 108, 201601.	2.9	49
141	Searches for Majorana neutrinos in B^0 decays. Physical Review D, 2012, 85, .	1.6	49
142	Measurements of long-range near-side angular correlations in pp collisions at $\sqrt{s} = 7$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2016, 762, 473-483.	1.5	49
143	Measurement of the $B \rightarrow \tau^+ \nu_\tau$ decay. Physical Review Letters, 2012, 108, 201601.	2.9	49

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163	Measurement of Antiproton Production in $p\bar{p}$ collisions at $\sqrt{s}=189$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 21-34.	2.9	41
164	Measurement of the CP-violating phase $\arg(V_{cb}V_{ub}^*)$. Physical Review Letters, 2018, 121, 222001.	1.5	40
165	Search for single top production via FCNC at LEP at $\sqrt{s}=208$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 590, 21-34.	1.5	39
166	Measurement and interpretation of fermion-pair production at LEP energies above the Z resonance. European Physical Journal C, 2006, 45, 589-632.	1.4	39
167	First LHC beam induced tracks reconstructed in the LHCb VELO. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, 1-4.	0.7	39
168	Search for Lepton Number Violating Decays $B \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ and $B \rightarrow \tau^+ \tau^- K^+ K^-$. Physical Review Letters, 2012, 108, 101601.	2.9	39
169	Precision Measurement of the Mass and Lifetime of the Λ_c^+ . Physical Review Letters, 2014, 113, 242002.	2.9	39
170	Study of the kinematic dependences of $\hat{b} \rightarrow c$ production in pp collisions and a measurement of the $\hat{b} \rightarrow c$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
171	Study of $\hat{b} \rightarrow c$ Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
172	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39
173	Search for $D_s^+ D_s^-$ production in jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
174	Measurement of the D^0 production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 902-909.	1.5	37
175	Study of inclusive J/ψ production in two-photon collisions at LEP II with the DELPHI detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 565, 76-86.	1.5	37
176	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
177	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s}=7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
178	Prompt and nonprompt J/ψ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}}=2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	1.5	37
179	Final results from DELPHI on the searches for SM and MSSM neutral Higgs bosons. European Physical Journal C, 2004, 32, 145-183.	1.4	36
180	Determination of heavy quark non-perturbative parameters from spectral moments in semileptonic B decays. European Physical Journal C, 2006, 45, 35-59.	1.4	36

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181	First observation of the decay $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$. Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
182	Measurement of the relative rate of prompt $\bar{b} \rightarrow c_0$, $\bar{b} \rightarrow c_1$ and $\bar{b} \rightarrow c_2$ production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	1.6	36
183	Amplitude analysis and branching fraction measurement of $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$. Physical Review D, 2013, 87.	1.6	36
184	Precision Measurement of the Mass and Lifetime of the Λ_b Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
185	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$ decay. Journal of High Energy Physics, 2015, 2015, .	1.6	36
186	Searches for invisibly decaying Higgs bosons with the DELPHI detector at LEP. European Physical Journal C, 2004, 32, 475-492.	1.4	35
187	Measurement of the CKM angle $\bar{\rho}$ from a combination of $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$ analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 157-160.	1.5	35
188	Measurement of the differential branching fraction of the decay $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	1.5	35
189	Measurement of the relative branching fractions of $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$ and measurement of the relative branching fractions of $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$. Physical Review Letters, 2013, 111, 102003.	0.9	35
190	Precision Measurement of the Λ_b Lifetime. Physical Review Letters, 2013, 111, 102003.	1.5	35
191	Observation of the $\bar{b} \rightarrow c \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
192	Model-independent confirmation of the $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$ decay. Physical Review Letters, 2015, 92, .	1.5	35
193	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
194	Measurement of the $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$ decay. Physical Review Letters, 2013, 111, 102003.	1.5	34
195	Measurement of the flavour-specific CP-violating asymmetry A_{CP}^{charm} in $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$ decays. Physical Review Letters, 2013, 111, 102003.	1.5	34
196	Measurement of the $B \rightarrow \hat{a}^+ \bar{c} + \hat{b} + \hat{b}^+ \hat{a}^-$ decay. Physical Review Letters, 2013, 111, 102003.	1.5	34
197	Addendum: Observation of double charm production involving open charm in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	34
198	Measurement of the J/ψ pair production cross-section in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34

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199	Angular moments of the decay $\hat{b} \rightarrow \hat{c} \hat{e} \hat{\nu}_e$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
200	Study of the dependence of direct soft photon production on the jet characteristics in hadronic Z0 decays. European Physical Journal C, 2010, 67, 343-366.	1.4	33
201	A study of the b-quark fragmentation function with the DELPHI detector at LEP I and an averaged distribution obtained at the Pole. European Physical Journal C, 2011, 71, 1.	1.4	33
202	Measurement of the CP-violating phase $\arg(V_{cb} V_{cs}^*)$ in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Search for direct CP violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	1.5	33
203	Search for the rare decay $B \rightarrow D^* \ell \bar{\nu}_\ell$ modes using semileptonic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	1.5	33
204	Searches for violation of lepton flavour and baryon number in tau lepton decays at LHCb. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	1.5	33
205	Study of $\Upsilon(4S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	33
206	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
207	Measurement of the $e^+ e^- \rightarrow W^+ W^- \gamma$ cross-section and limits on anomalous quartic gauge couplings with DELPHI. European Physical Journal C, 2003, 31, 139-147.	1.4	32
208	Search for the rare decays $B \rightarrow D^* \ell \bar{\nu}_\ell$ and $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	1.5	32
209	Search for the Lepton-Flavor-Violating Decays $B \rightarrow D^* \ell \bar{\nu}_\ell$ and $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review Letters, 2013, 111, 011801.	1.5	32
210	Observation of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Measurement of the Semileptonic $B \rightarrow D^* \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2013, 87, 074014.	1.6	32
211	Measurement of the Semileptonic $B \rightarrow D^* \ell \bar{\nu}_\ell$ Asymmetry in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physical Review D, 2013, 87, 074014.	1.6	32
212	Search for the lepton flavour violating decay $\hat{b} \rightarrow \hat{c} \hat{e} \hat{\nu}_e$. Journal of High Energy Physics, 2015, 2015, 1.	1.6	32
213	The measurement of α_s from event shapes with the DELPHI detector at the highest LEP energies. European Physical Journal C, 2004, 37, 1-23.	1.4	31
214	Measurement of the ratio of $B \rightarrow D^* \ell \bar{\nu}_\ell$ fractions to $B \rightarrow D^* \ell \bar{\nu}_\ell$ fractions. Studies of beauty baryon decays to $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review D, 2014, 89, .	1.6	31
215	Measurement of the ratio of $B \rightarrow D^* \ell \bar{\nu}_\ell$ fractions to $B \rightarrow D^* \ell \bar{\nu}_\ell$ fractions. Studies of beauty baryon decays to $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review D, 2014, 89, .	1.6	31
216	Measurement of the ratio of $B \rightarrow D^* \ell \bar{\nu}_\ell$ fractions to $B \rightarrow D^* \ell \bar{\nu}_\ell$ fractions. Studies of beauty baryon decays to $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physical Review D, 2014, 89, .	1.6	31

#	ARTICLE	IF	CITATIONS
217	Measurement of the CP-violating phase $\hat{\Gamma}$ in $B \rightarrow D^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.5	31
218	Search for violations of Lorentz invariance and CPT symmetry in $B \rightarrow D^0 K^0$ decays. <i>Physical Review Letters</i> , 2015, 115, 031601.	2.9	31
219	Measurement of the W -pair production cross-section and W branching ratios in e^+e^- collisions at $\sqrt{s} = 161\text{--}209$ GeV. <i>European Physical Journal C</i> , 2004, 34, 127-144.	1.4	30
220	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7\text{--}14$ TeV in the forward region. <i>European Physical Journal C</i> , 2012, 72, 1.	1.4	30
221	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	30
222	Measurement of charged particle multiplicities and densities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. <i>European Physical Journal C</i> , 2014, 74, 2888.	1.4	30
223	Amplitude analysis of $B \rightarrow D^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	30
224	Measurement of $B \rightarrow D^0 K^0$ decays. <i>Physical Review Letters</i> , 2015, 115, 031601.	2.9	30
225	Forward production of Υ mesons in pp collisions at $s = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	30
226	Angular analysis of the $B^0 \rightarrow K^* K^0 e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	30
227	Central exclusive production of J/ψ and $\Upsilon(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	30
228	First observation of $B \rightarrow D^0 K^0$ decays. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.5	29
229	Study of $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow K^+ K^0$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	29
230	Measurement of relative branching fractions of B decays to $\Upsilon(2S)$ and J/ψ mesons. <i>European Physical Journal C</i> , 2012, 72, 2118.	1.4	29
231	Measurement of the lifetime of the B_c meson. <i>Physical Review Letters</i> , 2015, 115, 031601.	2.9	29
232	Measurement of the CKM angle $\hat{\Gamma}$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	29
233	Measurement of the shape of the $B^0 \rightarrow D^0 K^0$ differential decay rate. <i>Physical Review D</i> , 2017, 96, 1.	1.6	29

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253	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. <i>Physical Review Letters</i> , 2014, 112, .	2.9	26
254	Measurements of the B ⁺ , B ⁰ , B _s ⁰ meson and Λ _b ⁰ baryon lifetimes. <i>Journal of High Energy Physics</i> , 2014, 2014, .	1.6	26
255	Angular analysis of charged and neutral B → K ^{1/4} + K ^{1/4} decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	26
256	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , 2016, 76, 664.	1.4	26
257	Search for supersymmetric particles assuming R-parity non-conservation in e ⁺ + e ⁻ collisions at √s = 192 to 208 GeV. <i>European Physical Journal C</i> , 2004, 36, 1-23.	1.4	25
258	Measurements of the branching fractions for B → K ^{1/4} + K ^{1/4} decays. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	26
259	Measurement of the forward energy flow in pp collisions at √s = 7 TeV. <i>European Physical Journal C</i> , 2013, 73, 2421.	1.4	25
260	Observation of the decay B _c ⁺ → K ⁺ + K ⁰ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	25
261	Study of forward Z + jet production in pp collisions at √s = 7 TeV. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	25
262	Searches for Λ _b ⁰ and Xi _b ⁰ decays to K _S ⁰ + π [±] and K _S ⁰ + π [±] final states with first observation of the Λ _b ⁰ → K _S ⁰ + π [±] decay. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	25
263	Observation of the Annihilation Decay Mode B _s ⁰ → K ⁺ + K ⁻ . <i>Physical Review Letters</i> , 2017, 118, 081801.	2.9	25
264	Observation of the Annihilation Decay Mode B _s ⁰ → K ⁺ + K ⁻ . <i>Physical Review Letters</i> , 2017, 118, 081801.	2.9	25
265	Observation of the Annihilation Decay Mode B _s ⁰ → K ⁺ + K ⁻ . <i>Physical Review Letters</i> , 2017, 118, 111803.	2.9	25
266	Measurement of V _{cb} using the semileptonic decay $\overline{B}^0 \rightarrow D^+ e^- \overline{\nu}_e$. <i>European Physical Journal C</i> , 2004, 33, 213-232.	1.4	24
267	Search for fermiophobic Higgs bosons in final states with photons at LEP 2. <i>European Physical Journal C</i> , 2004, 35, 313-324.	1.4	24
268	Study of triple-gauge-boson couplings ZZZ, ZZ ³ and Z ³ at LEP. <i>European Physical Journal C</i> , 2007, 51, 525-542.	1.4	24
269	Measurements of the branching fractions of B ⁺ → p ar _p K ⁺ decays. <i>European Physical Journal C</i> , 2013, 73, 2462.	1.4	24
270	The Timepix Telescope for high performance particle tracking. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2013, 723, 47-54.	0.7	24

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271	Observations of $\Lambda_c^+ \rightarrow \Lambda^0 \pi^+$ and $\Lambda_c^+ \rightarrow \Lambda^0 \pi^0 \pi^+$ decays and searches for other Λ_c^+ decays to $\Lambda^0 \pi^+$ final states. Journal of High Energy Physics, 2016, 2016, 1.	0.9	24
272	Observation of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ Decays and Measurement of the $\theta(1285)$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
273	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
274	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
275	Observations of $\Lambda_c^+ \rightarrow \Lambda^0 \pi^+$ and $\Lambda_c^+ \rightarrow \Lambda^0 \pi^0 \pi^+$ decays and searches for other Λ_c^+ decays to $\Lambda^0 \pi^+$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
276	Evidence for the Rare Decay $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2018, 120, 221803.	2.9	24
277	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ 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
278	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
279	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ lifetime. Physical Review Letters, 2018, 121, 092003.	2.9	23
280	ZZ production in $e^+ e^-$ interactions at $\sqrt{s} = 183-209$ GeV. European Physical Journal C, 2003, 30, 447-466.	1.4	22
281	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2012, 2012, 1.	1.6	22
282	A model-independent Dalitz plot analysis of $B^0 \rightarrow \pi^+ \pi^- \pi^0$ with $B^0 \rightarrow \pi^+ \pi^- \pi^0$ production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
283	Model-independent search for CP violation in $B^0 \rightarrow \pi^+ \pi^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 623-633.	1.5	22
284	First observations of $B^0 \rightarrow \pi^+ D^0$, $B^0 \rightarrow \pi^0 D^0$ and $B^0 \rightarrow \pi^+ D^0$ decays. Physical Review D, 2013, 87, .	1.6	22
285	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ asymmetry in $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. Physical Review Letters, 2013, 110, 091801.	2.9	22
286	Measurement of the CKM angle β_3 using $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
287	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
288	Study of $W^+ W^-$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	1.6	22

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290	Search for $B^0 \text{-} \overline{B^0}$ oscillations and a measurement of $B^0 \text{-} \overline{B^0}$ oscillations using events with an inclusively reconstructed vertex. European Physical Journal C, 2003, 28, 155-173.	1.4	21
291	Observation of $B^0 \rightarrow \pi^+ \pi^- (1525) \pi^0$ Final States. Physical Review Letters, 2012, 108, 151801.	2.9	21
292	Search for Rare $B \langle s \rangle$ decays. Tj ETQqO 0 rgBT /Overlock 10 Tf 50 627 Td (stretchy="false")	2.9	21
293	Search for CP Violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
294	Precise measurements of the properties of the $B(5721)0, +$ and $B(5747)0, +$ states and observation of $B^0 \rightarrow \pi^+ \pi^-$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
295	A precise measurement of the B^0 meson oscillation frequency. European Physical Journal C, 2016, 2016, 412.	1.4	21
296	Measurement of the properties of the Λ_b^0 baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
297	Observation of the decay $B \langle s \rangle$ and evidence for $B \langle s \rangle$ Physical Review Letters, 2017, 119, 181805.	1.6	21
298	Meson Decays to $B \langle s \rangle$ and $B \langle s \rangle$ Physical Review Letters, 2017, 119, 181805.	2.9	21
299	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$. Journal of High Energy Physics, 2018, 2018, 1.		21
300	Measurements of CP-conserving trilinear gauge boson couplings WWV ($V = \gamma, Z$) in e^+e^- collisions at LEP2. European Physical Journal C, 2010, 66, 35-56.	1.4	20
301	Search for $C \langle P \rangle$ violation in $B \langle s \rangle$ decays. Physical Review Letters, 2017, 119, 181805.	1.6	20
302	Measurement of the inclusive $B \langle s \rangle$ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2017, 119, 181805.	1.5	20
303	Measurements of the branching fractions and CP asymmetries of $B^0 \rightarrow \pi^+ \pi^- (2S) \pi^0$ decays. Physical Review D, 2012, 85, .	1.6	20
304	First observation of $B \langle s \rangle$ decays. Physical Review Letters, 2017, 119, 181805.	1.6	20
305	Asymmetries in $B \langle s \rangle$ decays. Physical Review Letters, 2014, 112, 041801.	2.9	20
306	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.	1.6	20

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307	Search for CP violation in $B_c^+ \rightarrow D^+ K^0$ decays. <i>Physical Review Letters</i> , Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.6	20
308	Study of B_c^+ decays to the $K^+ K^0 \pi^+$ final state and evidence for the decay $B_c^+ \rightarrow K^+ \pi^+ \pi^0$. <i>Physical Review D</i> , 2016, 94, .	1.6	20
309	Search for the lepton-flavour violating decay $D^0 \rightarrow e^+ \mu^- \pi^+$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 754, 167-175.	1.5	20
310	Measurement of CP observables in $B^0 \rightarrow D^+ K^-$ and $B^0 \rightarrow D^0 \pi^+$ with two- and four-body D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 117-131.	1.5	20
311	Studies of the resonance structure in $B^0 \rightarrow D^+ K^-$ decays. <i>Physical Review D</i> , 2016, 93, .	1.6	20
312	First Experimental Study of Photon Polarization in Radiative B_s^0 Decays. <i>Physical Review Letters</i> , 2017, 118, 021801.	2.9	20
313	Measurement of the CP Violation Parameter A_{FB}^0 in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2017, 118, 261803.	2.9	20
314	Evidence for the decay $B_s^0 \rightarrow \mu^+ \mu^-$. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	20
315	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. <i>Physical Review D</i> , 2018, 98, .	1.6	20
316	Measurements of the branching fractions of the decays $B_s^0 \rightarrow D_s^- \pi^+$ and $B_s^0 \rightarrow D_s^- \pi^+ \pi^0$. <i>Journal of High Energy Physics</i> , 2012, 2012, .	1.6	19
317	First Measurement of the $C\!-\!P$ -Violating Phase in $B^0 \rightarrow s \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , 2013, 110, 241802.	2.9	19
318	Measurement of the branching fractions of the decays $B_s^0 \rightarrow D^+ K^-$ and $B_s^0 \rightarrow D^0 \pi^+$. <i>Physical Review D</i> , 2013, 87, .	1.6	19
319	Search for CP violation in the decay $B^0 \rightarrow D^+ \pi^-$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2014, 728, 585-595.	1.5	19
320	Resonances and CP violation in B_s^0 and $B^0 \rightarrow J/\psi K^+ K^-$ decays in the mass region above the $\psi(1020)$. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	19
321	Measurement of V_0 production ratios in pp collisions at $\sqrt{s} = 0.9$ TeV and 7 TeV. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	18
322	Measurement of the $B_s^0 \rightarrow J/\psi K^0$ branching fraction and angular amplitudes. <i>Physical Review D</i> , 2012, 86, .	1.6	18
323	Measurement of the fraction of $\psi(1S)$ originating from $\psi(1P)$ decays in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	18
324	Measurement of $C\!-\!P$ violation in $B^0 \rightarrow s \pi^+ \pi^-$ decays. <i>Physical Review D</i> , 2014, 90, .	1.6	18

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343	Study of charmonium production in b -hadron decays and first evidence for the decay $B^0 \rightarrow \phi \phi \phi B_s^0 \rightarrow \phi \phi \phi \pi^+ \pi^-$. European Physical Journal C, 2017, 77, 609.	1.4	17
344	Improved limit on the branching fraction of the rare decay $B^0 \rightarrow \mu^+ \mu^- K_S^0 \rightarrow \mu^+ \mu^- \pi^+ \pi^-$. European Physical Journal C, 2017, 77, 678.	1.4	17
345	Observation of the $B^0 \rightarrow \mu^+ \mu^- K_S^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
346	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
347	Search for the rare decay $B^0 \rightarrow \mu^+ \mu^- K_S^0 \rightarrow \mu^+ \mu^- \pi^+ \pi^-$. Physical Review D, 2018, 97, .	1.6	17
348	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
349	Observation of the muon inner bremsstrahlung at LEP1. European Physical Journal C, 2008, 57, 499-514.	1.4	16
350	Measurement of the B^0 lifetime in the $B^0 \rightarrow \mu^+ \mu^- K_S^0$ decay. Physical Review D, 2018, 97, .		

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361	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
362	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^{\pm} \bar{K}^{\mp}$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
363	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the $K_{0,2}^{\pm}$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
364	Measurement of $B^0 \rightarrow D^+ D^-$ and $B^0 \rightarrow D^+ D^- s$ Meson Lifetimes. Physical Review Letters, 2017, 119, 101801.	2.9	15
365	Observation of the suppressed decay $B^0 \rightarrow \bar{D}^+ D^-$. Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
366	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow p \bar{p}$. Physical Review Letters, 2017, 119, 232001.	2.9	15
367	Search for excited B_c^+ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
368	Measurement of CP observables in $B^{\pm} \rightarrow D^0 K^{\pm}$ and $B^{\pm} \rightarrow D^0 \bar{K}^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.6	15
369	Measurement of the Charm-Mixing Parameter γ_{CP} . Physical Review Letters, 2019, 122, 011802.	2.9	15
370	Search for heavy neutral leptons in $W^+ \rightarrow \mu^+ \mu^{\pm} \nu$, $W^0 \rightarrow \mu^+ \mu^-$, $W^0 \rightarrow \mu^+ \mu^- \nu$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
371	Search for SUSY in the AMSB scenario with the DELPHI detector. European Physical Journal C, 2004, 34, 145-156.	1.4	14
372	Measurement of the polarization amplitudes and triple product asymmetries in the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.5	14
373	Search for CP violation in $D^+ \rightarrow \pi^+ \pi^0$ and $D_s^+ \rightarrow \pi^+ \pi^0$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
374	Study of $B_{(s)}^0 \rightarrow K_{(S)}^0 K^{\pm} \pi^{\mp}$ decays with first observation of $B_{(s)}^0 \rightarrow K_{(S)}^0 K^{\pm} \pi^{\mp} \pi^{\pm}$ and $B_{(s)}^0 \rightarrow K_{(S)}^0 K^{\pm} \pi^{\mp} \pi^{\pm} \pi^{\pm}$. Journal of High Energy Physics, 2013, 2013, .	1.6	14
375	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$ TeV using tau final states. Journal of High Energy Physics, 2013, 2013, 1.	1.6	14
376	Measurement of CP violation parameters in $B^0 \rightarrow D^+ D^-$ decays. Physical Review D, 2014, 90, .	1.6	14
377	Measurement of the B^0 Meson Lifetime in $D_s^+ \rightarrow \pi^+ K^-$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
378	Observation of charmonium pairs produced exclusively in pp collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	1.4	14

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379	Measurement of CP asymmetry in $B_s^0 \rightarrow K^{\pm} K^{\mp}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
380	Study of CP violation in $B^0 \rightarrow D^{\pm} K^{\mp}$ ($h=K, \bar{K}$) with the modes $D^{\pm} K^{\mp}$ and $D^{\pm} K^{\mp}$. Physical Review D, 2015, 91, .	1.6	14
381	Measurement of the branching fraction ratio $B(B_c \rightarrow \tau^+ \tau^- (2S)) / B(B_c \rightarrow \tau^+ \tau^-)$. Physical Review D, 2015, 92, .	1.6	14
382	Measurement of the inelastic pp cross-section at a centre-of-mass energy of $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	14
383	Observation of the $B^0 \rightarrow \tau^+ \tau^-$ decay from an amplitude analysis of $B^0 \rightarrow \tau^+ (\bar{K}^0) (\bar{K}^0)$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
384	Observation of the $B^0 \rightarrow \tau^+ \tau^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
385	Study of $\tau^+ (2S)$ 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
386	First Observation of a Baryonic $B^0 \rightarrow B^+ K^-$ Decay. Physical Review Letters, 2017, 119, 041802.	1.6	14
387	A measurement of the CP asymmetry difference between $B^0 \rightarrow K^+ K^-$ and $B^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, .	1.6	14
388	Mapping the material in the LHCb vertex locator using secondary hadronic interactions. Journal of Instrumentation, 2018, 13, P06008-P06008.	0.5	14
389	Amplitude Analysis of the Decay $B^0 \rightarrow K^+ K^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^+ K^-$. Physical Review Letters, 2018, 120, 261801.	2.9	14
390	Prompt $b+c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
391	Search for CP violation in $B^0 \rightarrow K^+ K^- \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
392	Search for excited leptons in e^+e^- collisions at $\sqrt{s} = 189$ GeV. European Physical Journal C, 2006, 46, 277.	1.4	13
393	Measurement of the ratio of branching fractions $B(B^0 \rightarrow K^+ K^-) / B(B^0 \rightarrow K^+ K^-)$. Physical Review Letters, 2017, 119, 041802.	1.6	14

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397	Search for the rare decay $K_{\text{S}}^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	1.6	13
398	Measurement of the asymmetry in $B \rightarrow K^* \mu^+ \mu^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	2.9	13
399	Observation of $B_{\text{S}}^0 \rightarrow K^* \mu^+ \mu^-$ and evidence for $B_{\text{S}}^0 \rightarrow K^* \pi^+ \pi^-$ decays. New Journal of Physics, 2014, 16, 123001.	1.2	13
400	Search for CP violation in $D \rightarrow K^* K^0$ and $D \rightarrow K^* \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
401	A study of CP violation in $B \rightarrow K^* K^0$ and $B \rightarrow K^* \bar{K}^0$ decays with $B \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	13
402	Measurement of the CP asymmetry in $B \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.5	13
403	Measurement of polarization amplitudes and CP asymmetries in $B \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
404	Measurement of the time-integrated CP asymmetry in $D \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
405	Observation of the decay $B \rightarrow K^* K^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
406	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
407	Study of $\hat{\Gamma}^3$ mixing from measurement of $B \rightarrow K^* K^0$ decay rates. Journal of High Energy Physics, 2015, 2015, .	1.6	13
408	Measurement of the ratio of branching fractions $\hat{\Gamma}^3$. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
409	Measurement of the mass and lifetime of the B_c baryon. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
410	Constraints on the unitarity triangle angle $\hat{\Gamma}^3$ from Dalitz plot analysis of $B \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
411	Study of $D \rightarrow K^* K^0$ and $D \rightarrow K^* \bar{K}^0$ decays. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
412	Model-independent measurement of mixing parameters in $D \rightarrow K^* K^0$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
413	First observation of the decay $D \rightarrow K^* K^0$ in the $\hat{\Gamma}^3$ region of the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
414	Measurement of $B \rightarrow K^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 139-158.	1.5	13

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