

Celestina Satriano

List of Publications by Year in descending order

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Version: 2024-02-01

554
papers

27,994
citations

7568

77
h-index

10158

140
g-index

564
all docs

564
docs citations

564
times ranked

10239
citing authors

#	ARTICLE	IF	CITATIONS
1	The LHCb Detector at the LHC. Journal of Instrumentation, 2008, 3, S08005-S08005.	1.2	969
2	Test of Lepton Universality Using $B \rightarrow K^* \mu^+ \mu^-$ Decays Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML	7.8	845
3	Resonances Consistent with Pentaquark States in $J/\psi \rightarrow p \bar{p}$ Measurement of the Ratio of Branching Fractions $\frac{\mathcal{B}(J/\psi \rightarrow p \bar{p})}{\mathcal{B}(J/\psi \rightarrow e^+ e^-)}$ Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML	7.8	816
4	Measurement of the Ratio of Branching Fractions $\frac{\mathcal{B}(J/\psi \rightarrow p \bar{p})}{\mathcal{B}(J/\psi \rightarrow e^+ e^-)}$ Physical Review Letters, 2014, 113, 151601. http://www.w3.org/1998/Math/MathML		

#	ARTICLE	IF	CITATIONS
19	Observation of Five New Narrow States Decaying to Measurement of the Ratio of Branching Fractions	7.8	234
20			

#	ARTICLE	IF	CITATIONS
37	Implications of LHCb measurements and future prospects. European Physical Journal C, 2013, 73, 1.	3.9	137
38	Measurement of the track reconstruction efficiency at LHCb. Journal of Instrumentation, 2015, 10, P02007-P02007.	1.2	127
39	Observation of the Doubly Charmed Baryon Decay $\Lambda_{cc}^{\prime\prime}$ at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	4.1	123
40	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	7.8	122
41	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
42	Measurement of hadron production fractions in 7 TeV collisions. Physical Review D, 2012, 85, 032005.	4.7	116
43	Evidence for the decay $B^0 \rightarrow K^* \rho^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.1	115
44	Search for Dark Photons Produced in 13 TeV Collisions. Physical Review Letters, 2018, 120, 061801.	2.5	114
45	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^* \rho^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	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.	3.6	111
47	Precision luminosity measurements at LHCb. Journal of Instrumentation, 2014, 9, P12005-P12005.	1.2	110
48	Evidence for Exotic Hadron Contributions to $B^0 \rightarrow K^* \rho^0$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	110
49	Measurement of the $B^0 \rightarrow K^* \rho^0$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	108
50	Measurement of the $B^0 \rightarrow K^* \rho^0$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	108
51	Seasonal variations in the underground muon intensity as seen by MACRO. Astroparticle Physics, 1997, 7, 109-124.	4.3	107
52	Measurement of ψ production in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2012, 72, 2025.	3.9	106
53	Search for Majorana Neutrinos in $B^0 \rightarrow K^* \rho^0$ Decays. Physical Review Letters, 2014, 112, 131802.	7.8	106
54	First Observation of $B^0 \rightarrow K^* \rho^0$ Violation in the Decays of $B^0 \rightarrow K^* \rho^0$. Physical Review Letters, 2013, 110, 221601.	7.8	105

#	ARTICLE	IF	CITATIONS
55	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	16.7	105
56	Exclusive $\bar{\Lambda}^0$ and $\bar{\Sigma}^0$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001.	3.6	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.	4.7	103
58	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{\Lambda}^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	103
59	Measurement of $C \rightarrow P$ violation in the Phase Space of $B \rightarrow \Lambda^0 \pi^0$. Physical Review Letters, 2013, 111, 101801.	7.8	102
60	Measurements of atmospheric muon neutrino oscillations, global analysis of the data collected with MACRO detector. European Physical Journal C, 2004, 36, 323-339.	7.8	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.	3.9	100
62	Measurement of $\Lambda^0 \rightarrow p \pi^-$ and $\Lambda^0 \rightarrow n \pi^0$ decays. Physical Review Letters, 2012, 109, 172003.	4.7	100
63	Observation of Excited Λ^0 Baryons. Physical Review Letters, 2012, 109, 172003.	4.7	99
64	Atmospheric neutrino oscillations from upward throughgoing muon multiple scattering in MACRO. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 566, 35-44.	4.7	98
65	Measurements of the magnetic form factor of the proton in the timelike region at large momentum transfer. Physical Review D, 1999, 60, .	4.1	97
66	Amplitude analysis of $B \rightarrow \Lambda^0 \pi^0$ and $B \rightarrow \Lambda^0 \pi^+$ decays. Physical Review D, 2017, 95, .	4.7	93
67	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.	4.7	92
68	Atmospheric neutrino flux measurement using upgoing muons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 481-486.	4.7	89
69	Measurement of $\bar{\Lambda}^0$ meson production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2100.	4.7	83
70	Study of D^0 meson decays to $D^+ \pi^-$, $D^0 \pi^+$ and $D^+ \pi^0$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	83
71	Measurement of the $\Lambda^0 \rightarrow p \pi^-$ and $\Lambda^0 \rightarrow n \pi^0$ decays. Physical Review Letters, 2013, 111, 101801.	4.7	82
72	Measurement of the $\Lambda^0 \rightarrow p \pi^-$ and $\Lambda^0 \rightarrow n \pi^0$ decays. Physical Review Letters, 2013, 111, 101801.	7.8	82

#	ARTICLE	IF	CITATIONS
73	Differential branching fraction and angular analysis of $B \rightarrow D^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2015, 2015, .	4.7	82
74	Search for the Decays $B \rightarrow D^0 \bar{K}^0$ and $B \rightarrow D^0 \bar{K}^0$. Physical Review D, 2015, 91, 072002.	7.8	81
75	Dalitz plot analysis of $B \rightarrow D^0 \bar{K}^0$ decays. Physical Review D, 2015, 91, 072002.	7.8	80
76	Measurement of $B \rightarrow D^0 \bar{K}^0$ decays. Physical Review D, 2015, 91, 072002.	4.7	80
77	Measurement of $B \rightarrow D^0 \bar{K}^0$ decays. Physical Review D, 2015, 91, 072002.	4.7	79
78	Search for CP violation in $B \rightarrow D^0 \bar{K}^0$ decays. Physical Review Letters, 2014, 112, 011801.	7.8	78
79	Search for Structure in the Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	7.8	78
80	First observation of $B \rightarrow D^0 \bar{K}^0$ decays. Physical Review Letters, 2018, 121, 072002.	7.8	78
81	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.	3.7	77
82	Observation of a New Resonance. Physical Review Letters, 2018, 121, 072002.	7.8	77
83	Measurements of $B \rightarrow D^0 \bar{K}^0$ decays. Physical Review Letters, 2018, 121, 072002.	7.8	76
84	Observation of CP violation in $B \rightarrow D^0 \bar{K}^0$ decays. Physical Review Letters, 2012, 109, 232001.	7.8	75
85	Observation of CP violation in $B \rightarrow D^0 \bar{K}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 283-283.	4.7	75
86	Measurements of the S-wave fraction in $B \rightarrow D^0 \bar{K}^0$ decays and the $B \rightarrow D^0 \bar{K}^0$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	4.7	75
87	Limits on dark matter WIMPs using upward-going muons in the MACRO detector. Physical Review D, 1999, 60, .	4.7	74
88	Measurement of $B \rightarrow D^0 \bar{K}^0$ decays. Physical Review Letters, 2012, 109, 232001.	4.7	74
89	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.	4.7	74
90	Low energy atmospheric muon neutrinos in MACRO. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 478, 5-13.	4.1	73

#	ARTICLE	IF	CITATIONS
91	Measurement of resonant and components in $C \cdot P$ B	4.7	73
92	Measurement of the $\eta_c(1S)$ production cross-section in proton-proton collisions via		

#	ARTICLE	IF	CITATIONS
109	<p>Precision Measurement of $C \langle P \rangle$ Violation in $B \rightarrow S \langle \mu \nu \rangle$ Decays. <i>Physical Review Letters</i>, 2015, 114, 041801.</p> <p>Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i>, 2017, 13, 391-396.</p>	7.8	65
110	<p>First Observation of the Decay $B \rightarrow B^0 \langle \pi^+ \pi^- \rangle$. <i>Physical Review Letters</i>, 2012, 108, 251802.</p>	7.8	62
111	<p>Determination of the Sign of the Decay Width Difference in the $B \rightarrow B^0 \langle \pi^+ \pi^- \rangle$ System. <i>Physical Review Letters</i>, 2012, 108, 241801.</p>	7.8	61
112	<p>Measurement of $B \rightarrow B^0 \langle \pi^+ \pi^- \rangle$ in Proton-Proton Collisions at $\sqrt{s} = 8 \text{ TeV}$. <i>Physical Review Letters</i>, 2015, 114, 132001.</p>	7.8	61
113	<p>The MACRO detector at Gran Sasso. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i>, 2002, 486, 663-707.</p>	1.6	60
114	<p>Analysis of the resonant components in $B \rightarrow B^0 \langle \pi^+ \pi^- \rangle$. <i>Physical Review D</i>, 2013, 87, .</p>	4.1	60
115	<p>Measurement of forward J/ψ production cross-sections in pp collisions at $\sqrt{s} = 13 \text{ TeV}$. <i>Journal of High Energy Physics</i>, 2015, 2015, 1.</p>	4.7	60
116	<p>Precision measurement of the $B \rightarrow B^0 \langle \pi^+ \pi^- \rangle$ oscillation frequency with the decay $B \rightarrow B^0 \langle \pi^+ \pi^- \rangle$. <i>New Journal of Physics</i>, 2013, 15, 053021.</p>	2.9	59
117	<p>Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8 \text{ TeV}$. <i>Journal of High Energy Physics</i>, 2016, 2016, .</p>	4.7	59
118	<p>Measurement of b-hadron masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i>, 2012, 708, 241-248.</p>	4.1	58
119	<p>Opposite-side flavour tagging of B mesons at the LHCb experiment. <i>European Physical Journal C</i>, 2012, 72, 2022.</p>	3.9	58
120	<p>Evidence for an $\eta_c(1S) \rightarrow \pi^+ \pi^- \rho^0$ resonance in $B^0 \rightarrow \eta_c(1S) K^+ \pi^-$ decays.</p>		

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145	Searches for Majorana neutrinos in $B^0 \rightarrow \mu^+ \mu^-$ decays. Physical Review D, 2012, 85, .	4.7	49
146	Measurements of long-range near-side angular correlations in $\sqrt{s_{NN}} = 2.76$ TeV proton-lead collisions in the forward region. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	4.1	49
147	Observation of New Resonances in the $\sqrt{s_{NN}} = 2.76$ TeV proton-lead collisions. Measurement of the cross-section ratio $\sigma_{\text{res}}/\sigma_{\text{pp}}$.	7.8	49
148	Measurement of the cross-section ratio $\sigma_{\text{res}}/\sigma_{\text{pp}}$.		

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163	Observation of an Excited B_c State. Physical Review Letters, 2019, 122, 232001.	4.3	43
164	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	1.2	42
165	Measurement of the Difference of Time-Integrated Asymmetries in D^0 Decays. Physical Review Letters, 2018, 121, 222001.	7.8	42
166	Absolute luminosity measurements with the LHCb detector at the LHC. Journal of Instrumentation, 2012, 7, P01010-P01010.	1.2	41
167	First observation of the decay $B_c^+ \rightarrow \psi(K^+) \gamma$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	41
168	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	3.9	41
169	Measurement of Antiproton Production in pp Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2018, 121, 222001.	7.8	41
170	Measurement of the CP-violating phase $\arg(-V_{cb} V_{cd}^*)$ in $B^0 \rightarrow \psi K^0$ decays. Physical Review Letters, 2012, 108, 101601.	4.1	40
171	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.	7.8	39
172	Precision Measurement of the Mass and Lifetime of the B_c^0 . Physical Review Letters, 2014, 113, 242002.	7.8	39
173	Study of the kinematic dependences of \hat{b}^0 production in pp collisions and a measurement of the $\hat{b}^0 \rightarrow \tau^+ \tau^- c$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	4.7	39
174	Study of J/ψ Production in Jets. Physical Review Letters, 2017, 118, 192001.	7.8	39
175	Search for beautiful tetraquarks in the $\psi(1S)$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	4.7	39
176	Search for D^0 production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2013, 718, 902-909.	4.1	38
177	Measurement of Single-Photon Production Asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High Energy Physics, 2013, 718, 902-909.	4.1	38
178	Study of the ultrahigh-energy primary-cosmic-ray composition with the MACRO experiment. Physical Review D, 1992, 46, 895-902.	4.7	37
179	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.	4.7	37
180	Production of associated Υ and open charm hadrons in pp collisions at $\sqrt{s} = 7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	4.7	37

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181	Prompt and nonprompt J/ψ production and nuclear modification in p-Pb collisions at $\sqrt{s} = 2.76$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 774, 159-178.	4.1	37
182	The observation of up-going charged particles produced by high energy muons in underground detectors. Astroparticle Physics, 1998, 9, 105-117.	4.3	36
183	First observation of the decay $B \rightarrow \pi^+ \pi^- \pi^0$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
184	Measurement of the relative rate of prompt $c\bar{c}$, $b\bar{b}$ and $\tau^+\tau^-$ production at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
185	Amplitude analysis and branching fraction measurement of $B \rightarrow \pi^+ \pi^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-162.	4.7	36
186	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
187	First measurement of the differential branching fraction and CP asymmetry of the $B \rightarrow \pi^+ \pi^- \pi^0$ decay. Journal of High Energy Physics, 2015, 2015, .	4.7	36
188	Search for diffuse neutrino flux from astrophysical sources with MACRO. Astroparticle Physics, 2003, 19, 1-13.	4.3	35
189	Measurement of the CKM angle β from a combination of $B \rightarrow \pi^+ \pi^- \pi^0$ and $B \rightarrow \pi^+ \pi^- \pi^0$ analyses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 151-162.	4.1	35
190	Measurement of the differential branching fraction of the decay $B \rightarrow \pi^+ \pi^- \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	4.1	35
191	Precision Measurement of the $B \rightarrow \pi^+ \pi^- \pi^0$ decay and measurement of the relative branching fractions of $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 102003.	2.5	35
192	Precision Measurement of the $B \rightarrow \pi^+ \pi^- \pi^0$ decay and measurement of the relative branching fractions of $B \rightarrow \pi^+ \pi^- \pi^0$. Physical Review Letters, 2013, 111, 102003.	2.5	35
193	Observation of the $B \rightarrow \pi^+ \pi^- \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	35
194	Model-independent confirmation of the $B \rightarrow \pi^+ \pi^- \pi^0$ decay. Physical Review Letters, 2015, 115, 091801.	4.5	35
195	Measurements of prompt charm production cross-sections in pp collisions at $\sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	35
196	Study of the primary cosmic ray composition around the knee of the energy spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 337, 376-382.	4.1	34
197	Measurement of the CP violating phase β . Physical Review Letters, 2013, 111, 102003.	4.1	34
198	Measurement of the CP violating phase β . Physical Review Letters, 2013, 111, 102003.	4.1	34

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199	Measurement of the flavour-specific CP-violating asymmetry $a_{FB}^{\text{sl}}(s)$ in $B \rightarrow D^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	34
200	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.	4.7	34
201	Measurement of the J/ψ pair production cross-section in pp collisions at $s = 13 \sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	34
202	Angular moments of the decay $B \rightarrow D^* \ell^+ \ell^-$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	4.7	34
203	Measurement of the CP-violating phase $\arg(\rho_{cb})$ in $B \rightarrow D^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.1	33
204	Search for direct CP violation in $B \rightarrow D^* \ell^+ \ell^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 33-43.	4.1	33
205	Search for the rare decay $B \rightarrow D^* \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	4.1	33
206	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.	4.1	33
207	Study of Υ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	33
208	Measurement of forward $Z \rightarrow e^+e^-$ production at $s = 8 \sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	4.7	33
209	Search for nuclearites using the MACRO detector. Physical Review Letters, 1992, 69, 1860-1863.	7.8	32
210	Search for the rare decays $B \rightarrow D^* \ell^+ \ell^-$ and $B \rightarrow D^* \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	4.1	32
211	Search for the Lepton-Flavor-Violating Decays $B \rightarrow D^* \ell^+ \ell^-$ and $B \rightarrow D^* \ell^+ \ell^-$. Physical Review Letters, 2013, 111, 14180-14180.	7.8	32
212	Observation of the decay $B \rightarrow D^* \ell^+ \ell^-$. Physical Review D, 2013, 87, 117001-117001.	4.7	32
213	Measurement of the CP-violating phase $\arg(\rho_{cb})$ in $B \rightarrow D^* \ell^+ \ell^-$ decays. Physical Review D, 2013, 87, 117001-117001.	7.8	32
214	Search for the lepton flavour violating decay $B \rightarrow D^* \ell^+ \ell^-$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	32
215	Measurement of the ratio of fractions to $B \rightarrow D^* \ell^+ \ell^-$. Journal of High Energy Physics, 2015, 2015, 1.	4.7	31
216	Studies of beauty baryon decays to $B \rightarrow D^* \ell^+ \ell^-$. Physical Review D, 2014, 89, 117001-117001.	4.7	31

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217	Measurement of the CP-violating phase β_1 in $B \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , 2015, 92, 014004. https://doi.org/10.1103/PhysRevD.92.014004	4.1	31
218	Search for violations of Lorentz invariance and CPT symmetry in $B \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , 2015, 92, 014005. https://doi.org/10.1103/PhysRevD.92.014005	7.8	31
219	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. https://doi.org/10.1007/s00034-011-1277-7	3.9	30
220	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1. https://doi.org/10.1088/1126-6708/2013/01/014	4.7	30
221	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. https://doi.org/10.1088/0954-3899/14/12/2888	3.9	30
222	Amplitude analysis of $B \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , 2015, 92, 014006. https://doi.org/10.1103/PhysRevD.92.014006	4.7	30
223	Violation in $B \rightarrow \pi\pi$ decays. <i>Physical Review Letters</i> , 2015, 115, 031601. https://doi.org/10.1103/PhysRevLett.115.031601	7.8	30
224	Forward production of η mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. https://doi.org/10.1088/1126-6708/2015/01/014	4.7	30
225	Angular analysis of the $B_0 \rightarrow K^* e^+ e^-$ decay in the low- q^2 region. <i>Journal of High Energy Physics</i> , 2015, 2015, 1. https://doi.org/10.1088/1126-6708/2015/01/014	4.7	30
226	Central exclusive production of J/ψ and $\psi(2S)$ mesons in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2018, 2018, 1. https://doi.org/10.1088/1126-6708/2018/01/014	4.7	30
227	Measurement of the decoherence function with the MACRO detector at Gran Sasso. <i>Physical Review D</i> , 1992, 46, 4836-4845. https://doi.org/10.1103/PhysRevD.46.4836	4.7	29
228	Search for slowly moving magnetic monopoles with the MACRO detector. <i>Physical Review Letters</i> , 1994, 72, 608-612. https://doi.org/10.1103/PhysRevLett.72.608	7.8	29
229	Moon and Sun shadowing effect in the MACRO detector. <i>Astroparticle Physics</i> , 2003, 20, 145-156. https://doi.org/10.1016/S0950-0689(03)00001-1	4.3	29
230	First observation of $B \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , 2015, 92, 014007. https://doi.org/10.1103/PhysRevD.92.014007	4.1	29
231	Study of D_s decays to $\psi(2S) + K_{S0}$ and $D_0 K^+$ final states in pp collisions. <i>Journal of High Energy Physics</i> , 2012, 2012, 1. https://doi.org/10.1088/1126-6708/2012/01/014	4.7	29
232	Measurement of relative branching fractions of B decays to $\psi(2S)$ and J/ψ mesons. <i>European Physical Journal C</i> , 2012, 72, 2118. https://doi.org/10.1007/s00034-011-1277-7	3.9	29
233	Measurement of the lifetime of the B_c meson. <i>Physical Review D</i> , 2015, 92, 014008. https://doi.org/10.1103/PhysRevD.92.014008	7.8	29
234	Measurement of the lifetime of the B_c meson using the $B_c \rightarrow \pi\pi$ decays. <i>Physical Review D</i> , 2015, 92, 014009. https://doi.org/10.1103/PhysRevD.92.014009	4.1	29

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235	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	4.7	29
236	Measurement of the shape of the $\hat{b}0\hat{\alpha}^{\dagger}\hat{b}c+\hat{1}/4\hat{a}^{\dagger}\hat{1}/2\hat{A}^{\dagger}\hat{1}/4$ differential decay rate. Physical Review D, 2017, 96, .	4.7	29
237	Near-threshold \overline{D} spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	4.7	29
238	Search for nucleon decays induced by GUT magnetic monopoles with the MACRO experiment. European Physical Journal C, 2002, 26, 163-172.	3.9	28
239	Measurement of the $B \rightarrow D^* K^0$ branching fraction at low dilepton mass. Journal of High Energy Physics, 2011, 2011, 107.	7.8	28
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396	Prompt $b+c$ production in pPb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$. Journal of High Energy Physics, 2019, 2019, 1.	4.7	14

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397	<p>Measurement of the ratio of branching fractions</p> $B(\text{script}) < \text{mo} < \text{msup} < \text{mi} > B < \text{mi} < \text{mn} > 0 < \text{mn} < \text{msup} < \text{mo} > \hat{+}' < \text{mo} > < \text{mml}$		

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416	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- S^0$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	13
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418	Measurement of $B_0 \rightarrow B^+ K^- S^0$ decays. Journal of High Energy Physics, 2017, 774, 139-158.	4.1	13
419	Measurement of CP asymmetry in $B_0 \rightarrow K^+ K^- S^0$ decays. Journal of High Energy Physics, 2018, 2018, 4.7	4.7	13
420	Search for CP violation in $B_0 \rightarrow K^+ K^- S^0$ decays. Journal of High Energy Physics, 2018, 2018, 4.7	4.7	13
421	Measurement of Λ^0 production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
422	Measurement of Angular and CP asymmetries in $B^0 \rightarrow K^+ K^- S^0$ decays. Physical Review Letters, 2018, 121, 091801.	7.8	13
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426	Measurement of the charge asymmetry in $B^0 \rightarrow D^+ K^- S^0$ decays. Physics Letters, 2013, 108, 161801.	4.1	12
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428	Measurement of the time-dependent CP asymmetries in $B_s \rightarrow K^+ K^- S^0$. Journal of High Energy Physics, 2015, .	4.7	12
429	A new algorithm for identifying the flavour of B_c mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	1.2	12
430	Violation in $B_c \rightarrow D^+ K^- S^0$ decays. Physical Review Letters, 2016, 117, 261801.	7.8	12
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444	Observation of the decay $B^0 \rightarrow \pi^+ \pi^- K^+ K^-$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	4.7	11
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472	Search for the $\hat{\pi}^+ b^0 \rightarrow \hat{\pi}^+ \bar{\pi}^0 \hat{\pi}^+ \bar{\pi}^0$ and $\hat{\pi}^+ b^0 \rightarrow \hat{\pi}^+ \bar{\pi}^0 \hat{\pi}^+ \bar{\pi}^0$ decays with the LHCb detector. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
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484	Observation of the $B_s^0 \rightarrow \hat{\pi}^+ \bar{K}^0 K^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	8
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486	Measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow \hat{\pi}^+ D K^0$ with $D \rightarrow K^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2016, 2016, .	4.7	8

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499	Measurement of forward $B \rightarrow \bar{c} \ell \nu_\ell$ decays. Journal of High Energy Physics, 2017, 2017, 1.	4.1	7
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520	Measurement of the $B_s \rightarrow D_s^* \pi^0$ and $D_s^* \pi^+$ branching fractions. Physical Review D, 2016, 93, .	4.7	5
521	First observation of the decay $B \rightarrow D^* K^0$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
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552	Bose-Einstein correlations and $\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll">\langle mml:mi mathvariant="normal">b\langle mml:mover accent="true">\langle mml:mrow>\langle mml:mi mathvariant="normal">b\langle mml:mrow>\langle mml:mo>\hat{c}\frac{3}{4}\langle mml:mo>\langle mml:mover>\langle mml:math>$ correlations in pp collisions with LHCb. Nuclear Physics A, 2019, 982, 347-350.	1.5	0
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