

Mãximo Plã³ CasasÃ°s

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3491773/publications.pdf>

Version: 2024-02-01

213
papers

12,957
citations

20817

60
h-index

28297

105
g-index

220
all docs

220
docs citations

220
times ranked

7515
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplitude analysis of $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 052002.	4.7	92
2	Observation of $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 052002.	7.8	150
3	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 052002.	4.1	7
4	Measurement of the $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 052002.	7.8	52
5	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow J/\psi K$ decay. European Physical Journal C, 2017, 77, 161.	3.9	51
6	Observation of $B \rightarrow J/\psi K$ decays. European Physical Journal C, 2017, 77, 72.	3.9	7
7	Measurement of CP asymmetry in $B \rightarrow J/\psi K$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	4.1	17
8	Observation of $B_c \rightarrow J/\psi D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	4.7	12
9	Measurements of charm mixing and $B \rightarrow J/\psi K$ decays. Physical Review D, 2017, 95, .	4.7	11
10	Measurement of the $B \rightarrow J/\psi K$ production asymmetry and the CP asymmetry in $B \rightarrow J/\psi K$ decays. Physical Review D, 2017, 95, .	4.7	6
11	Measurement of the CP Violation Parameter A_{FB}^0 in $B \rightarrow J/\psi K$ and $B \rightarrow J/\psi K$ Decays. Physical Review Letters, 2017, 118, 261803.	7.8	20
12	Observation of $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 111803.	7.8	25
13	States Decaying to $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 261803.	7.8	234
14	Observation of $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 261803.	4.1	18
15	Branching Fraction and Effective Lifetime and Search for $B \rightarrow J/\psi K$ decays. Physical Review Letters, 2017, 118, 261803.	7.8	220
16	Measurement of the J/ψ pair production cross-section in pp collisions at $s = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	4.7	34
17	New algorithms for identifying the flavour of B^0 mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	3.9	11
18	Measurements of prompt charm production cross-sections in pp collisions at $s = 5$ TeV. Journal of High Energy Physics, 2017, 2017, .	4.7	35

#	ARTICLE	IF	CITATIONS
19	Evidence for the two-body charmless baryonic decay $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
20	Updated measurements of exclusive $\bar{\Lambda}^0$ and $\bar{\Lambda}^0(2S)$ 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
21	First $\bar{\Lambda}^0$ atom lifetime and $\bar{\Lambda}^0$ scattering length measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 288-294.	4.1	18
22	Measurement of the resonant and non-resonant components in $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	67
23	Measurement of the resonant and non-resonant components in $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$ decays. Physical Review Letters, 2014, 112, 041801.	7.8	20
24	Precision Measurement of the Mass and Lifetime of the Λ_b^0 Baryon. Physical Review Letters, 2014, 113, 032001.	7.8	36
25	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	7.8	26
26	Measurement of the ratio of $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$ to $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$ fractions to $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$. Physical Review D, 2014, 90, 031101.	4.7	31
27	Measurement of the flavour-specific CP-violating asymmetry A_{CP}^{eff} in $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$ decays. Physical Review D, 2014, 90, 031101.	4.7	31
28	Measurement of the polarisation amplitudes and CP asymmetries in $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.1	34
29	Measurement of the polarisation amplitudes and CP asymmetries in $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 36-45.	4.1	13
30	Study of forward Z + jet production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
31	Searches for Λ_b^0 and Ξ_b^0 decays to $K_S^0 \pi^0$ and $K_S^0 \pi^0$ final states with first observation of the $\Lambda_b^0 \rightarrow K_S^0 \pi^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
32	Measurement of polarization amplitudes and CP asymmetries in $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	13
33	Angular analysis of charged and neutral $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26
34	Evidence for the decay $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$. Journal of High Energy Physics, 2014, 2014, 1.	4.7	16
35	Differential branching fractions and isospin asymmetries of $B \rightarrow \bar{\Lambda}^0 p \bar{\Lambda}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	206
36	Measurement of $\Upsilon(1S)$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	3.9	27

#	ARTICLE	IF	CITATIONS
37	Measurement of $\psi(2S)$ $\bar{\psi}(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	3.9	53
38	Measurement of charged particle multiplicities and densities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2014, 74, 2888.	3.9	30
39	Search for the decay $D \rightarrow D^* \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	4.1	19
40	Search for CP violation in the decay $D \rightarrow D^* \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	12
41	Observation of the Resonant Character of the $D \rightarrow D^* \pi^0 \pi^0$ Decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	4.1	12
42	Measurement of the ratio of the $D \rightarrow D^* \pi^0 \pi^0$ to $D \rightarrow D^* \pi^0 \pi^0$ branching fractions. Journal of High Energy Physics, 2013, 2013, 1.	7.8	325
43	Observation of Photon Polarization in the $D \rightarrow D^* \pi^0 \pi^0$ Decay. Physical Review Letters, 2013, 111, 171801.	7.8	46
44	Precision measurement of the ratio of the $D \rightarrow D^* \pi^0 \pi^0$ to $D \rightarrow D^* \pi^0 \pi^0$ branching fractions. Journal of High Energy Physics, 2013, 2013, 1.	4.1	50
45	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow D^* \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	103
46	Production of J/ψ and Υ mesons in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	65
47	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.	4.7	7
48	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	89
49	Measurement of CP observables in $B^0 \rightarrow D^* K^+ K^-$ with $D^* \rightarrow K^+ K^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	6
50	Measurement of the cross-section for $Z \rightarrow e^+ e^-$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	53
51	Differential branching fraction and angular analysis of the $B \rightarrow D^* K^+ \pi^-$ decay. Journal of High Energy Physics, 2013, 2013, 1.	4.7	72
52	First evidence for the annihilation decay mode $B^+ \rightarrow D_s^+ \pi^0$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
53	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	30
54	Measurement of the forward energy flow in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2013, 73, 2421.	3.9	25

#	ARTICLE	IF	CITATIONS
55	Measurements of the branching fractions of $B^+ \rightarrow \rho^0 K^+$ decays. European Physical Journal C, 2013, 73, 2462.	3.9	24
56	First measurement of time-dependent CP violation in $B_s^0 \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
57	Study of $B_{(s)}^0 \rightarrow K_{\text{S}}^0 h^+ h'^-$ decays with first observation of $B_s^0 \rightarrow K_{\text{S}}^0 K^{\pm} \pi^{\mp}$ and $B_s^0 \rightarrow K_{\text{S}}^0 \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, .	4.7	14
58	Measurement of the relative rate of prompt c_0 , c_1 and c_2 production at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	36
59	Study of D J meson decays to $D^+ \bar{c}^+$, $D^0 \bar{c}^+$ and $D^+ \bar{c}^+$ final states in pp collisions. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
60	Searches for $B_{(s)}^0 \rightarrow \psi \left(\psi \right) \overline{p}$ and $B^+ \rightarrow \psi \overline{p}$ decays. Journal of High Energy Physics, 2013, 2013, 1.	4.7	7
61	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	111
62	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
63	Observation of $B^0 \rightarrow \overline{B}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. European Physical Journal C, 2013, 73, .	3.9	17
64	Measurement of J/ψ polarization in pp collisions at $\sqrt{s}=7$ TeV. European Physical Journal C, 2013, 73, 2631.	3.9	117
65	Observation of the decay $B_c^+ \rightarrow \psi' K + K^+ \bar{c}$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
66	First Evidence for the Decay $B_c^+ \rightarrow \psi' K + K^+ \bar{c}$. Physical Review Letters, 2013, 110, 021801.	7.8	292
67	First Observation of $B^0 \rightarrow C^+ P^-$ Violation in the Decays of $B^0 \rightarrow C^+ P^-$. Physical Review Letters, 2013, 110, 021601.	7.8	105
68	Search for the rare decay $K_{\text{S}}^0 \rightarrow \mu^+ \mu^-$. Journal of High Energy Physics, 2013, 2013, 1.	4.7	13
69	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.	4.7	14
70	Measurement of the ratio of branching fractions $B \rightarrow C^+ P^-$. Physical Review Letters, 2013, 110, 021601.	2.5	48
71	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. Nuclear Physics B, 2013, 871, 1-20.	2.5	228
72	Observation of the suppressed ADS modes $B \rightarrow \hat{c} \bar{c} \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 44-53.	4.0	15

#	ARTICLE	IF	CITATIONS
73	Measurement of the CKM angle γ from a combination of $B \rightarrow D^* \pi$ and $B \rightarrow D^* \rho$ decays. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > B < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mo > $\hat{\pm}$ < /mml:mo > < /mml:mrow > < /mml:math >	4.1	15
74	Measurement of the CKM angle γ from a combination of $B \rightarrow D^* \pi$ and $B \rightarrow D^* \rho$ decays. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > B < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mo > $\hat{\pm}$ < /mml:mo > < /mml:mrow > < /mml:math >	4.1	16
75	Measurement of the CKM angle γ from a combination of $B \rightarrow D^* \pi$ and $B \rightarrow D^* \rho$ decays. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > B < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mo > $\hat{\pm}$ < /mml:mo > < /mml:mrow > < /mml:math >	4.1	54
76	Measurement of the CKM angle γ from a combination of $B \rightarrow D^* \pi$ and $B \rightarrow D^* \rho$ decays. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > B < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mo > $\hat{\pm}$ < /mml:mo > < /mml:mrow > < /mml:math >	4.1	15
77	Search for the rare decay $B \rightarrow D^* \pi^0 \pi^0$. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > D < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	4.1	33
78	Measurement of the differential branching fraction of the decay $B \rightarrow D^* \pi^0 \pi^0$. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msubsup > < mml:mrow > < mml:mi > b < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mi > B < /mml:mi > < /mml:mrow > < /mml:math >	4.1	35
79	Measurement of the differential branching fraction of the decay $B \rightarrow D^* \pi^0 \pi^0$. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > D < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	2.5	35
80	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. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > D < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	4.1	33
81	Observation of $B \rightarrow D^* \pi^0 \pi^0$ oscillation. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > D < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	2.5	17
82	Observation of $B \rightarrow D^* \pi^0 \pi^0$ oscillation. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > D < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	7.8	65
83	Precision measurement of the $B \rightarrow D^* \pi^0 \pi^0$ oscillation frequency with the decay $B \rightarrow D^* \pi^0 \pi^0$. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > D < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	2.5	24
84	Precision measurement of the $B \rightarrow D^* \pi^0 \pi^0$ oscillation frequency with the decay $B \rightarrow D^* \pi^0 \pi^0$. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > D < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	2.9	59
85	Exclusive $B \rightarrow D^* \pi^0 \pi^0$ production in pp collisions at $\sqrt{s} = 7$ TeV. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 045001. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > D < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	3.6	104
86	Search for the Lepton-Flavor-Violating Decays $B \rightarrow D^* \pi^0 \pi^0$ and $B \rightarrow D^* \rho^0 \pi^0$. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > C < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mi > P < /mml:mi > < /mml:mrow > < /mml:math >	4.7	12
87	Measurement of the CKM angle γ from a combination of $B \rightarrow D^* \pi^0 \pi^0$ and $B \rightarrow D^* \rho^0 \pi^0$ decays. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msubsup > < mml:mrow > < mml:mi > B < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	4.7	74
88	First observations of $B \rightarrow D^* \pi^0 \pi^0$ and $B \rightarrow D^* \rho^0 \pi^0$ decays. Physical Review D, 2013, 87, . http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msubsup > < mml:mrow > < mml:mi > B < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	4.7	22
89	Measurement of the CKM angle γ from a combination of $B \rightarrow D^* \pi^0 \pi^0$ and $B \rightarrow D^* \rho^0 \pi^0$ decays. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msubsup > < mml:mrow > < mml:mi > b < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	7.8	82
90	Measurement of the CKM angle γ from a combination of $B \rightarrow D^* \pi^0 \pi^0$ and $B \rightarrow D^* \rho^0 \pi^0$ decays. Physical Review Letters, 2013, 111, 171801. http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll" > < mml:msup > < mml:mrow > < mml:mi > B < /mml:mi > < /mml:mrow > < mml:mrow > < mml:mn > 0 < /mml:mn > < /mml:mrow > < /mml:math >	7.8	13

#	ARTICLE	IF	CITATIONS
91	First Measurement of the $C \rightarrow P$ -Violating Phase in $B \rightarrow s \gamma$ Decays. Physical Review Letters, 2013, 111, 181801.	7.8	19
92	Determination of the X Stretch. Physical Review Letters, 2013, 111, 181801.	7.8	72
93	Observation of the resonant components in $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	7.8	72
94	Observation of the Decay $B \rightarrow c \bar{c} \ell \bar{\nu}_\ell$. Physical Review Letters, 2013, 111, 181801.	7.8	72
95	Search for the decay $B \rightarrow D^* \hat{\Gamma} \ell \bar{\nu}_\ell$. Physical Review D, 2013, 87, .	4.7	7
96	Measurement of the polarization amplitudes in $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ decays. Physical Review D, 2013, 87, .	4.7	7
97	Measurement of $C \rightarrow P$ Violation in the Phase Space of $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 111, 181801.	7.8	101
98	Observation of the decay $B \rightarrow c \bar{c} \ell \bar{\nu}_\ell$. Physical Review Letters, 2013, 111, 181801.	4.7	32
99	Measurement of Form-Factor-Independent Observables in the Decay $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$. Physical Review D, 2013, 87, .	7.8	49
100	Observation of $B \rightarrow c \bar{c} \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 111, 181801.	4.7	55
101	Study of $B \rightarrow D^* \hat{\Gamma} \ell \bar{\nu}_\ell$ and $B \rightarrow D^* \hat{\Gamma} \ell \bar{\nu}_\ell$ decays. Physical Review D, 2013, 87, .	4.7	11
102	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 110, 031801.	7.8	22
103	Studies of the decays $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ and observation of $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ (1520)p. Physical Review D, 2013, 88, .	4.7	12
104	Amplitude analysis and branching fraction measurement of $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 110, 151803.	4.7	36
105	First observation of $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ decays. Physical Review Letters, 2013, 110, 151803.	7.8	51
106	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 110, 031801.	4.7	20
107	Fraction and Search for $C \rightarrow P$ Asymmetry in $B \rightarrow \hat{\Gamma} \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2013, 111, 181805.	7.8	258
108	First Observation of the Decay $B \rightarrow c \bar{c} \ell \bar{\nu}_\ell$. Physical Review Letters, 2012, 108, 251802.	7.8	62

#	ARTICLE	IF	CITATIONS
109	Differential Branching Fraction and Angular Analysis of the Decay $B^0 \rightarrow K^*0 \pi^+ \pi^-$. Physical Review Letters, 2012, 108, 181806.	7.8	50
110	Measurement of the Lifetime in the $B^0 \rightarrow J/\psi K^*0 \pi^+ \pi^-$ Decay. Physical Review Letters, 2012, 108, 181806.		

#	ARTICLE	IF	CITATIONS
127	First observation of the decay $B \rightarrow \bar{c} + \bar{d} + \bar{u} + \bar{d}$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	36
128	Evidence for $C \rightarrow P$ Violation in Time-Integrated $D \rightarrow O$ Rates. Physical Review Letters, 2012, 108, 111602.	7.8	181
129	Measurements of the branching fractions and CP asymmetries of $B_{\pm} \rightarrow J/\psi \bar{K}_{\pm}^{*0}$ and $B_{\pm} \rightarrow J/\psi (2S) \bar{K}_{\pm}^{*0}$ decays. Physical Review D, 2012, 85, .	4.7	20
130	First Evidence of Direct $C \rightarrow P$ Violation in Charmless Two-Body Decays of $B \rightarrow s O$. Physical Review Letters, 2012, 108, 201601.	7.8	49
131	Searches for Majorana neutrinos in $B \rightarrow \nu \bar{\nu}$ decays. Physical Review D, 2012, 85, .	4.7	49
132	Measurement of $b \rightarrow c$ hadron production fractions in 7 TeV collisions. Physical Review D, 2012, 85, .	4.7	116
133	Measurement of the $\rho \rightarrow \rho$ transition. Physical Review Letters, 2012, 108, 201601.	4.1	13
134	Measurement of the CP-violating phase $\arg(\lambda)$ in $B \rightarrow \bar{c} \bar{d} \bar{u}$ decays. Physical Review Letters, 2012, 108, 201601.	4.1	34
135	Measurement of the CP-violating phase $\arg(\lambda)$ in $B \rightarrow \bar{c} \bar{d} \bar{u}$ decays. Physical Review Letters, 2012, 108, 201601.	4.1	14
136	Measurement of the CP-violating phase $\arg(\lambda)$ in $B \rightarrow \bar{c} \bar{d} \bar{u}$ decays. Physical Review Letters, 2012, 108, 201601.	4.1	33
137	Measurement of the CP-violating phase $\arg(\lambda)$ in $B \rightarrow \bar{c} \bar{d} \bar{u}$ decays. Physical Review Letters, 2012, 108, 201601.		

#	ARTICLE	IF	CITATIONS
145	Measurement of the CP violating phase $\arg(V_{cb}V_{cs}^*)$ in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 55-67.	4.1	34
146	Measurement of b-hadron masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 708, 241-248.	4.1	58
147	First observation of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 17-18.	4.1	27
148	Search for the rare decays $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 17-18.	4.1	47
149	Observation of CP violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 203-212.	4.1	75
150	Measurement of charged particle multiplicities in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. European Physical Journal C, 2012, 72, 1.	3.9	30
151	Observation of $X(3872)$ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 1.	3.9	153
152	Opposite-side flavour tagging of B mesons at the LHCb experiment. European Physical Journal C, 2012, 72, 2022.	3.9	58
153	Measurement of Υ' production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2012, 72, 2025.	3.9	106
154	Search for $C \rightarrow P$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 718, 1-4.	4.7	20
155	Measurement of the inclusive Υ cross-section in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	4.1	20
156	Observation of rare decays $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 718, 1-4.	4.1	15
157	First observation of the decay $B \rightarrow D^* \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 718, 1-4.	4.1	238
158	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	238
159	Measurement of V_0 production ratios in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV. Journal of High Energy Physics, 2011, 1.	4.7	18
160	Search for $C \rightarrow P$ violation in $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 718, 1-4.	4.1	29
161	First observation of $B \rightarrow D^* \ell \bar{\nu}_\ell$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 698, 115-122.	4.1	17
162	Measurement of J/ψ production in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2011, 71, 1.	3.9	238

#	ARTICLE	IF	CITATIONS
163	Search for the rare decays $B \rightarrow s \gamma$ and $B \rightarrow s \ell \ell$. Measurements of the branching fractions for $B \rightarrow s \gamma$ and $B \rightarrow s \ell \ell$. <i>Physical Review Letters</i> , 2011, 699, 330-340.	4.1	60
164	Determination of $B \rightarrow s \gamma$ and $B \rightarrow s \ell \ell$ branching fractions. <i>Physical Review Letters</i> , 2011, 107, 071801.	4.1	26
165	Collisions and Measurement of Prompt $B \rightarrow s \gamma$ and $B \rightarrow s \ell \ell$. <i>Physical Review Letters</i> , 2011, 107, 071801.	7.8	28
166	production in pp collisions at $\sqrt{s} = 0.9$ and 1.96 TeV. <i>Physical Review Letters</i> , 2011, 107, 071801.	4.1	26
167	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 538-540.	1.6	0
168	LHCb Silicon Tracker DAQ and ECS Online Systems. <i>IEEE Transactions on Nuclear Science</i> , 2010, 57, 569-576.	2.0	3
169	Evidence for \bar{K}^0 -atoms with DIRAC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 674, 11-16.	4.1	14
170	LHCb Silicon Tracker DAQ and DCS online systems. , 2009, , .		0
171	The LHCb Detector at the LHC. <i>Journal of Instrumentation</i> , 2008, 3, S08005-S08005.	1.2	969
172	First measurement of the $B \rightarrow s \gamma$ branching fraction. <i>Physical Review Letters</i> , 2008, 101, 071801.	4.1	90
173	Detection of \bar{K}^0 -atoms with the DIRAC spectrometer at CERN. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2004, 30, 1929-1946.	3.6	23
174	Spin asymmetries for events with high p_T hadrons in DIS and an evaluation of the gluon polarization. <i>Physical Review D</i> , 2004, 70, .	4.7	96
175	DIRAC: A high resolution spectrometer for pionium detection. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003, 515, 467-496.	1.6	34
176	The time-of-flight detector of the DIRAC experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2002, 491, 41-53.	1.6	9
177	Measurement of negative particle multiplicity in $\sqrt{s} = 200$ GeV/c per nucleon with the NA36 TPC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 516, 249-256.	4.1	2
178	Performance of the Microwire Detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2001, 461, 33-37.	1.6	0
179	Measurement of the SMC muon beam polarisation using the asymmetry in the elastic scattering off polarised electrons. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2000, 443, 1-19.	1.6	12
180	Spin asymmetries of the proton and the deuteron in the low x and low Q^2 region from polarized high energy muon scattering. <i>Physical Review D</i> , 1999, 60, .	4.7	69

#	ARTICLE	IF	CITATIONS
181	The Micro Wire Detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 402-407.	1.6	11
182	A large Streamer Chamber muon tracking detector in a high-flux fixed-target application. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1999, 435, 354-374.	1.6	2
183	Polarised quark distributions in the nucleon from semi-inclusive spin asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 420, 180-190.	4.1	148
184	Measurement of proton and nitrogen polarization in ammonia and a test of equal spin temperature. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1998, 419, 60-82.	1.6	14
185	Next-to-leading order QCD analysis of the spin structure function g_1 . Physical Review D, 1998, 58, .	4.7	117
186	Spin asymmetries A_1 and structure functions g_1 of the proton and the deuteron from polarized high energy muon scattering. Physical Review D, 1998, 58, .	4.7	266
187	Spin structure of the proton from polarized inclusive deep-inelastic muon-proton scattering. Physical Review D, 1997, 56, 5330-5358.	4.7	233
188	The spin-dependent structure function $g_1(x)$ of the proton from polarized deep-inelastic muon scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 412, 414-424.	4.1	74
189	Performance of MSGC with analog pipeline readout. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 384, 351-359.	1.6	3
190	A line-shape analysis for spin-1 NMR signals. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1997, 398, 109-125.	1.6	17
191	Polarisation of valence and non-strange sea quarks in the nucleon from semi-inclusive spin asymmetries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 93-100.	4.1	95
192	Large enhancement of deuteron polarization with frequency modulated microwaves. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1996, 372, 339-343.	1.6	22
193	Study of very peripheral Si-Pb and Si-S interactions at 200 GeV/c per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 351, 418-423.	4.1	1
194	A new measurement of the spin-dependent structure function $g_1(x)$ of the deuteron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 357, 248-254.	4.1	149
195	Measurement of the polarisation of a high energy muon beam. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 343, 363-373.	1.6	26
196	Measurement of the deuteron polarization in a large target. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 349, 334-344.	1.6	15
197	Spin asymmetry in muon-proton deep inelastic scattering on a transversely-polarized target. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 125-130.	4.1	89
198	Combined analysis of world data on nucleon spin structure functions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 320, 400-406.	4.1	66

#	ARTICLE	IF	CITATIONS
199	Production of \hat{b} , \hat{c} , and \hat{c}^* , + particles in S+Pb collisions at 200 GeV/c per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 327, 433-438.	4.1	28
200	Measurement of the spin-dependent structure function $g_1(x)$ of the proton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 329, 399-406.	4.1	311
201	Measurement of the spin-dependent structure function $g_1(x)$ of the deuteron. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 533-539.	4.1	354
202	Multiplicity dependence of strangeness production in S + Pb collisions at 200 GeV/c per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 603-607.	4.1	22
203	Target dependence of central rapidity \hat{b} production in sulfur-nucleus collisions at 200 GeV/c per nucleon. Physical Review C, 1992, 46, 727-735.	2.9	3
204	A high speed Fastbus-VME data acquisition system for the CERN NA36 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1992, 320, 300-304.	1.6	0
205	Strangeness production at mid-rapidity in S + Pb collisions at 200 GeV/c per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 127-130.	4.1	39
206	Determination of the primary vertex position in the NA36 experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 301, 69-75.	1.6	8
207	A measurement of cross sections for ^{32}S interactions with Al, Fe, Cu, Ag and Pb at 200 GeV/c per nucleon. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 220, 328-332.	4.1	14
208	A TPC in the context of heavy-ion collisions. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 283, 553-556.	1.6	13
209	High-speed readout for a time projection chamber in the NA36 data acquisition system. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 283, 796-798.	1.6	2
210	A search on the parity-forbidden alpha width of the $E_x = 4.753$ MeV ($J^\pi = 0^+, 1$) level of ^{18}F . Il Nuovo Cimento A, 1983, 74, 28-36.	0.2	2
211	Simple procedure to compute accurate energy levels of a double-well anharmonic oscillator. Physical Review D, 1983, 28, 1945-1948.	4.7	66
212	Sandra, a precise and fast FORTRAN program for gamma-ray spectrum analysis using a small computer. Nuclear Instruments & Methods, 1981, 184, 509-513.	1.2	1
213	Etude de la décroissance β^+ de ^{33}Cl . Journal De Physique, 1981, 42, 1603-1606.	1.8	1