

# Antonio Romero Vidal

## List of Publications by Year in descending order

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Version: 2024-02-01

553  
papers

22,649  
citations

10351

72  
h-index

13727

129  
g-index

564  
all docs

564  
docs citations

564  
times ranked

8945  
citing authors

#	ARTICLE	IF	CITATIONS
1	Search for massive long-lived particles decaying semileptonically at $\sqrt{s}=13$ TeV. European Physical Journal C, 2022, 82, .	1.4	2
2	Search for long-lived particles decaying to $e \mu \mu \mu$ . European Physical Journal C, 2021, 81, 1.	1.4	9
3	Search for heavy neutral leptons in $W \rightarrow \mu \mu$ , ext $\{jet\}$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
4	Search for the rare decay $B \rightarrow \mu \mu$ . Chinese Physics C, 2021, 45, 043001.	1.5	2
5	First measurement of the CP-violating phase in $B \rightarrow \psi$ ( $\psi = J/\psi, \psi(2S)$ ) decays. Journal of High Energy Physics, 2019, 2019, 1.	1.4	2
6	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
7	Search for CP violation in $B \rightarrow K \pi$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
8	Measurement of the branching fractions of the decays $D \rightarrow K^+ K^+$ , $D \rightarrow \bar{K}^0 K^+$ and $D \rightarrow \bar{K}^0 K^0$ . Journal of High Energy Physics, 2019, 2019, .	1.6	6
9	Study of the $B \rightarrow \bar{K}^0 K^0$ decay with an amplitude analysis of $B \rightarrow \bar{K}^0 (K^+ \bar{K}^0)$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
10	Measurement of the ratio of branching fractions of the decays $B \rightarrow \bar{K}^0 K^0$ and $B \rightarrow \bar{K}^0 K^+$ . Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
11	Dalitz plot analysis of the $D \rightarrow K^+ K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
12	Precision measurement of the $B \rightarrow \bar{K}^0 K^0$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
13	Amplitude analysis of $B \rightarrow \bar{K}^0 K^0$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
14	First Observation of the Radiative Decay $B \rightarrow \bar{K}^0 K^0 \gamma$ . Physical Review Letters, 2019, 123, 031801.	2.9	19
15	Measurement of the branching fraction and CP asymmetry in $B \rightarrow \psi \eta'$ decays. European Physical Journal C, 2019, 79, 1.	1.4	3
16	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. Physical Review Letters, 2019, 122, 231802.	2.9	55
17	Near-threshold $D$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
18	LHCb Collaboration. Nuclear Physics A, 2019, 982, 1040-1050.	0.6	0



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37	Model-independent Observation of Exotic Contributions to $B \rightarrow K^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 122, 152002.	2.9	24
38	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^- \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	7
39	First Measurement of a Long-Lived $B_s^0$ Atom Lifetime. Physical Review Letters, 2019, 122, 082003.	2.9	2
40	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	2.9	48
41	Measurement of the mass and production rate of $\Lambda_b^0$ baryons. Physical Review D, 2019, 99, .	1.6	18
42	Prompt $b \rightarrow c$ production in pPb collisions at $\sqrt{s_{\text{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
43	Measurement of CP violation in the $B_s^0 \rightarrow \phi \phi$ decay and search for the $B^0 \rightarrow \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
44	Measurement of $C$ -Violating and Mixing-Induced Observables in $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ Decay. Physical Review Letters, 2019, 123, 081802.	2.9	10
45	Review of lepton universality tests in $B \rightarrow \ell^+ \ell^-$ decays. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 023001.	1.4	132
46	Observation of Two Resonances in the $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ Systems and Precise Measurement of $B \rightarrow \ell^+ \ell^- \ell^+ \ell^-$ Decay. Physical Review Letters, 2019, 123, 081802.	2.9	48
47	Search for excited $B_c^+$ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
48	Search for Dark Photons Produced in $13.6$ TeV $pp$ Collisions. Physical Review Letters, 2018, 120, 061801.	2.9	113
49	First observation of forward $Z \rightarrow b \bar{b}$ production in $pp$ collisions at $\sqrt{s}=8$ TeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 430-439.	1.5	2
50	Measurement of CP observables in $B^{\pm} \rightarrow D(\bar{a}_1) K^{\pm}$ and $B^{\pm} \rightarrow D(\bar{a}_1) \bar{K}^{\pm}$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 777, 16-30.	1.3	15
51	A measurement of the CP asymmetry difference between $B^+ \rightarrow \ell^+ \ell^- K^+$ and $B^0 \rightarrow \ell^+ \ell^- K^0$ decays. Journal of High Energy Physics, 2018, 2018, .	1.6	14
52	Measurement of CP asymmetry in $B^0 \rightarrow \ell^+ \ell^- s \bar{K}^{\pm}$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
53	Search for the lepton-flavour violating decays $B^0 \rightarrow \ell^+ \ell^- e^{\pm} \mu^{\pm}$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
54	First measurement of the CP-violating phase $\phi_{\text{d}}$ in $B^0 \rightarrow \ell^+ \ell^- (K^+ \ell^-) (K^+ \ell^+)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11

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55	<p>Test of lepton flavor universality by the measurement of the <math>\frac{B \rightarrow D^* \tau^+ \nu_\tau}{B \rightarrow D^* \mu^+ \nu_\mu}</math> ratio</p> <p>Measurement of the Ratio of the <math>\frac{B \rightarrow D^* \tau^+ \nu_\tau}{B \rightarrow D^* \mu^+ \nu_\mu}</math> and <math>\frac{B \rightarrow D^* \tau^+ \nu_\tau}{B \rightarrow D^* \mu^+ \nu_\mu}</math></p> <p>Physical Review Letters, 2018, 120, 173802</p>	1.6	189
56	<p>Measurement of the Ratio of the <math>\frac{B \rightarrow D^* \tau^+ \nu_\tau}{B \rightarrow D^* \mu^+ \nu_\mu}</math> and <math>\frac{B \rightarrow D^* \tau^+ \nu_\tau}{B \rightarrow D^* \mu^+ \nu_\mu}</math></p> <p>Physical Review Letters, 2018, 120, 173802</p>	1.9	204
57	<p>Physical Review Letters, 2018, 120, 173802</p>		

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73	Studies of the resonance structure in $D^0 \rightarrow K^* \pi^+ \pi^- \pi^0$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28
74	Angular moments of the decay $B^0 \rightarrow \rho^+ \rho^- \pi^0$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
75	Measurement of $Z \rightarrow \tau^+ \tau^-$ production in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	6
76	First Observation of the Doubly Charmed Baryon Decay $\chi_{c1} \rightarrow \Lambda_c^+ \Lambda_c^-$ . Physical Review Letters, 2018, 121, 092003.	2.9	122
77	Measurement of the CKM angle $\beta$ using $B^{\pm} \rightarrow D^{\pm} K^{\pm}$ with $D^{\pm} \rightarrow K^{\pm} \pi^{\pm} \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
78	Measurement of $D_{s1}^{\pm}$ production asymmetry in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	5
79	Measurement of Angular and $\chi_{c1} \rightarrow \Lambda_c^+ \Lambda_c^-$ Asymmetries in $\chi_{c1} \rightarrow \Lambda_c^+ \Lambda_c^-$ decays. Physical Review Letters, 2018, 121, 092003.	2.9	13
80	Measurement of the $\chi_{c1} \rightarrow \Lambda_c^+ \Lambda_c^-$ Baryon Lifetime. Physical Review Letters, 2018, 121, 092003.	2.9	23
81	Evidence for the decay $B^0 \rightarrow \rho^+ \rho^- \pi^0$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
82	Measurement of CP asymmetries in two-body $B(s)0$ -meson decays to charged pions and kaons. Physical Review D, 2018, 98, .	1.6	20
83	Observation of the decay $B^0 \rightarrow \rho^+ \rho^- \pi^0$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
84	Measurement of the CP asymmetry in $B^0 \rightarrow \rho^+ \rho^- \pi^0$ and $B^0 \rightarrow \rho^+ \rho^- \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	2
85	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \rho^+ \rho^- \pi^0$ , $B^0 \rightarrow \rho^+ \rho^- \pi^0$ and $B^0 \rightarrow \rho^+ \rho^- \pi^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
86	Search for the rare decay $B^0 \rightarrow \rho^+ \rho^- \pi^0$ . Physical Review D, 2018, 97, .	1.6	17
87	Search for weakly decaying $b$ -flavored pentaquarks. Physical Review D, 2018, 97, .	1.6	7
88	First observation of $B^0 \rightarrow D^+ K^-$ decays and a search for $B^0 \rightarrow D^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
89	Measurements of the branching fractions of $B^0 \rightarrow \rho^+ \rho^- \pi^0$ , $B^0 \rightarrow \rho^+ \rho^- \pi^0$ , and $B^0 \rightarrow \rho^+ \rho^- \pi^0$ . Journal of High Energy Physics, 2018, 2018, .	1.6	10
90	Measurement of CP violation in $B^0 \rightarrow D^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4

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91	Amplitude Analysis of the Decay $B^0 \rightarrow K^* \bar{K}^0$ and First Observation of the CP Asymmetry in $B^0 \rightarrow K^* \bar{K}^0$ (892). Physical Review Letters, 2018, 120, 261801.	2.9	14
92	Search for $B_c^+$ decays to two charm mesons. Nuclear Physics B, 2018, 930, 563-582.	0.9	8
93	Measurement of the Lifetime of the Doubly Charmed Baryon $\Xi_{cc}^+$ . Physical Review Letters, 2018, 121, 052002.	2.9	76
94	Measurement of branching fractions of charmless four-body $\bar{b} \rightarrow b^0$ and $\bar{b} \rightarrow b^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
95	Observation of the decay $\bar{b} \rightarrow b^0 \bar{c} + p \bar{p} + \bar{K}^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 784, 101-111.	1.5	8
96	Observation of a New Resonance. Physical Review Letters, 2018, 121, 072002.	2.9	77
97	Evidence for the Rare Decay $B^0 \rightarrow \bar{K}^* \bar{K}^0$ . Physical Review Letters, 2018, 120, 221802.	2.9	24
98	Search for the CP-violating strong decays $\bar{b} \rightarrow \bar{c} + \bar{K}^0$ and $\bar{b} \rightarrow \bar{c} + \bar{K}^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 764, 233-240.	1.5	7
99	Search for the suppressed decays $B \rightarrow K^* K^0 + \bar{K}^0$ and $B \rightarrow K^* \bar{K}^0 + K^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 765, 307-316.	1.5	9
100	Measurement of matter-antimatter differences in beauty baryon decays. Nature Physics, 2017, 13, 391-396.	6.5	64
101	Amplitude analysis of $B \rightarrow K^* \bar{K}^0$ . Observation of $B \rightarrow K^* \bar{K}^0$ . Physical Review Letters, 2017, 118, 021801.	1.6	92
102	Consistent with Exotic States from Amplitude Analysis of $B \rightarrow K^* \bar{K}^0$ Structures. Physical Review Letters, 2017, 118, 021801.	2.9	150
103	Observation of the Annihilation Decay Mode $B \rightarrow K^* \bar{K}^0$ . Physical Review Letters, 2017, 118, 021801.	2.9	25
104	First Experimental Study of Photon Polarization in Radiative $B_s^0$ Decays. Physical Review Letters, 2017, 118, 021801.	2.9	20
105	Observation of the decay $B \rightarrow K^* \bar{K}^0$ . Physical Review Letters, 2017, 118, 021801.	1.5	7
106	Measurement of the $B \rightarrow K^* \bar{K}^0$ and evidence for $B \rightarrow K^* \bar{K}^0$ . Physical Review Letters, 2017, 95.	1.6	21
107	Measurement of the $B \rightarrow K^* \bar{K}^0$ -Quark Production Cross Section in 7 and 13 TeV Collisions. Physical Review Letters, 2017, 118, 052002.	2.9	52
108	Measurement of the phase difference between short- and long-distance amplitudes in the $B \rightarrow K^* K^0 + \bar{K}^0$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51

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109	Study of the $D^0 p$ amplitude in $\bar{b} \rightarrow b \pi^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2017, 2017, 11.6		54
110	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
111	Observation of $B \rightarrow \pi^+ \pi^0 \pi^0$ and $B \rightarrow \pi^+ \pi^0 \pi^+$ decays. European Physical Journal C, 2017, 77, 72.	1.4	7
112	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 767, 177-187.	1.5	17
113	Observation of the Decay $\bar{B}^0 \rightarrow \pi^+ \rho^0 K^+$ . Physical Review Letters, 2017, 118, 071801.	2.9	9
114	Measurement of the $\bar{K}^0$ atom lifetime and the $\bar{K}^0$ scattering length. Physical Review D, 2017, 96, .	1.6	6
115	Search for long-lived scalar particles in $B \rightarrow K \pi^+ \pi^-$ decays. European Physical Journal C, 2017, 77, 224.	1.6	79
116	Study of prompt $D^0$ meson production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
117	Prompt and nonprompt $J/\psi$ production and nuclear modification in pPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. European Physical Journal C, 2017, 77, 159-178.	1.5	37
118	Observation of charmless baryonic decays $B \rightarrow \pi^+ \pi^0 \pi^+$ and $B \rightarrow \pi^+ \pi^0 \pi^0$ . European Physical Journal C, 2017, 77, 609.	1.4	17
119	Study of charmonium production in $B \rightarrow \psi(3723) \pi^+ \pi^-$ hadron decays and first evidence for the decay $B \rightarrow \psi(3723) \pi^+ \pi^-$ . European Physical Journal C, 2017, 77, 609.	1.4	17
120	Improved limit on the branching fraction of the rare decay $B \rightarrow \mu^+ \mu^- \pi^+ \pi^-$ . European Physical Journal C, 2017, 77, 678.	1.4	17
121	Observation of $B_c \rightarrow D^{(*)} K^{(*)}$ decays. Physical Review D, 2017, 95, .	1.6	12
122	Measurements of charm mixing and CP violation using $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review D, 2017, 95, .	1.6	11
123	Measurement of the $B_{\pm} \rightarrow \pi^+ \pi^- K_{\pm}$ production asymmetry and the CP asymmetry in $B \rightarrow \pi^+ \pi^- K_{\pm}$ decays. Physical Review D, 2017, 95, .	1.6	6
124	Search for the $B \rightarrow \pi^+ \pi^- \pi^0$ decay. Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
125	Observation of the decay $\bar{B}^0 \rightarrow \pi^+ \rho^0 K^+$ and a search for CP violation. Journal of High Energy Physics, 2017, 2017, .	1.6	11
126	Measurement of $B \rightarrow D^0 \pi^+ \pi^-$ and $B \rightarrow D^0 \pi^+ \pi^0$ meson lifetimes. Physical Review Letters, 2017, 119, 101801.	2.9	15



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127	Observation of the Doubly Charmed Baryon $\Lambda_{cc}^{++}$ . Physical Review Letters, 2017, 119, 112001.	2.9	417
128	Measurement of the CP Violation Parameter $A_{CP}^{\text{eff}}$ in $D_0^+ \rightarrow K^+ K^0$ and $D_0^+ \rightarrow \bar{K}^+ \bar{K}^0$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
129	Observation of $B_c^+$ and $B_c^0$ Decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
130	Observations of Five New Narrow $\Lambda_{cc}^{++}$ States Decaying to $\Lambda_c^+ \pi^0$ . Physical Review Letters, 2017, 118, 111803.	2.9	234
131	Measurement of CP asymmetries in $D_{s1}^+ \rightarrow K^+ \bar{K}^0$ and $D_{s1}^0 \rightarrow K^+ K^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 771, 21-30.	1.5	8
132	Observation of $B_c^+$ and $B_c^0$ Decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	18
133	Observation of the $\Lambda_{cc}^{++}$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 772, 265-273.	1.5	17
134	Measurement of the $\Lambda_{cc}^{++}$ branching fraction and effective lifetime and search for $\Lambda_{cc}^{++} \rightarrow \Lambda_c^+ \pi^+$ . Physical Review Letters, 2017, 118, 112001.	2.9	220
135	Study of $B_c^+$ and $B_c^0$ decays. Physical Review Letters, 2017, 118, 112001.	2.9	39
136	Observation of the Decays $\Lambda_{cc}^{++} \rightarrow \Lambda_c^+ \pi^+$ and $\Lambda_{cc}^{++} \rightarrow \Lambda_c^+ \pi^0$ . Physical Review Letters, 2017, 119, 062001.	2.9	28
137	Observation of the $B_c^+$ decay. Physical Review D, 2017, 96, .	1.6	4
138	Search for the Decays $B_c^+ \rightarrow K^+ \bar{K}^0$ and $B_c^0 \rightarrow K^+ K^-$ . Physical Review Letters, 2017, 118, 112001.	2.9	81
139	Measurement of the shape of the $\Lambda_{cc}^{++}$ differential decay rate. Physical Review D, 2017, 96, .	1.6	29
140	Observation of the suppressed decay $B_c^+ \rightarrow K^+ \bar{K}^0$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
141	Test of lepton universality with $B_c^+ \rightarrow K^+ \bar{K}^0$ , $B_c^+ \rightarrow K^+ \pi^0$ , and $B_c^+ \rightarrow K^+ \pi^+$ decays. Journal of High Energy Physics, 2017, 2017, 1.	1.6	425
142	$\Lambda_{cc}^{++}$ and $\Lambda_{cc}^{++}$ Resonance Parameters with the Decays $\Lambda_{cc}^{++} \rightarrow \Lambda_c^+ \pi^+$ and $\Lambda_{cc}^{++} \rightarrow \Lambda_c^+ \pi^0$ . Physical Review Letters, 2017, 119, 221801.	2.9	18
143	Observation of $B_c^+$ and $B_c^0$ decays. Physical Review Letters, 2017, 118, 112001.	2.9	21
144	Meson Decays to $B_c^+$ and $B_c^0$ . Physical Review Letters, 2017, 119, 181805.	2.9	21
144	LHCb Collaboration. Nuclear Physics A, 2017, 967, 987-993.	0.6	1



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163	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
164	Measurement of the $\Lambda(nS)$ polarizations in pp collisions at $\sqrt{s}=7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
165	Low-Energy Antikaon Interaction with Nuclei: The AMADEUS Challenge. , 2017, , .		1
166	Experimental studies of the kaon-nucleus interaction at low energy with x-ray spectroscopy of kaonic atoms. Journal of Physics: Conference Series, 2017, 800, 012007.	0.3	1
167	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B \rightarrow \pi^0 \pi^0$ and $B \rightarrow \pi^0 \pi^+$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	3
168	Investigating the low-energy $K^{\pm}N$ interactions in nuclear matter with AMADEUS. Journal of Physics: Conference Series, 2017, 841, 012023.	0.3	0
169	Probing Strong Interaction with Kaonic Atoms...from DAΦNE to J-PARC. , 2017, , .		0
170	Spectroscopic Study of Hyperon Resonance Below $(\Lambda N)$ Threshold via the $d(K^{\pm}, n)$ Reaction. , 2017, , .		1
171	Flavour physics and beyond the Standard Model Higgs bosons. , 2017, , .		0
172	Strangeness in the Universe? Low-Energy Kaon-Nuclei Interaction Studies with AMADEUS at the DAΦNE Collider. , 2017, , .		0
173	Precision X-ray spectroscopy of kaonic atoms as a probe of low-energy kaon-nucleus interaction. EPJ Web of Conferences, 2016, 126, 04045.	0.1	4
174	Strong interaction studies with kaonic atoms. EPJ Web of Conferences, 2016, 113, 03009.	0.1	2
175	Future projects of light kaonic atom X-ray spectroscopy. EPJ Web of Conferences, 2016, 130, 01018.	0.1	0
176	SIDDHARTA results and implications of the results on antikaon-nucleon interaction. AIP Conference Proceedings, 2016, , .	0.3	2
177	Searches for the violation of Pauli exclusion principle at LNGS in VIP(-2) experiment. Journal of Physics: Conference Series, 2016, 718, 042055.	0.3	5
178	A precise measurement of the $B^0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
179	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
180	Observations of $\Lambda_b^0 \rightarrow \Lambda^0 K^+ K^-$ and $\Lambda_b^0 \rightarrow \Lambda^0 K^+ K^0$ decays and searches for other $\Lambda_b^0$ and $\Sigma_b^0$ decays to $\Lambda^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24

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181	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	16
182	Observation of $B^0 \rightarrow (2S) p K^+$ and $B^0 \rightarrow \bar{K}^0 \pi^+ p K^+$ decays and a measurement of the $\Lambda_b^0$ baryon mass. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
183	Measurement of the properties of the $\Lambda_b^0$ baryon. Journal of High Energy Physics, 2016, 2016, .	1.6	21
184	Production of associated Y and open charm hadrons in pp collisions at $\sqrt{s}=7$ and 8 TeV via double parton scattering. Journal of High Energy Physics, 2016, 2016, 1.	1.6	37
185	Measurement of the CKM angle $\hat{\beta}$ using $B^0 \rightarrow DK^*$ with $D \rightarrow K^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	8
186	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
187	Measurement of the ratio of branching fractions $\hat{a}_{\rightarrow B^0 c^+ \hat{K}^+} / \hat{a}_{\rightarrow B^0 c^+ \hat{K}^+}$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
188	Measurement of forward $W^+ e^{\pm 1/2}$ production in pp collisions at $\sqrt{s}=8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
189	Measurement of the CKM angle $\hat{\beta}$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
190	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ and $B^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ decays and the $B^0 \rightarrow K^+ \pi^- \pi^+ \pi^-$ differential branching. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
191	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
192	A new algorithm for identifying the flavour of $B^0$ mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
193	Amplitude analysis of $B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ . Physical Review D, 2016, 94, .		72
194	Study of $B_c^+$ decays to the $K^+ K^0 \pi^+$ final state and evidence for the decay $B_c^+ \rightarrow \pi^+ \pi^0 \pi^+$ . Physical Review D, 2016, 94, .	1.6	20
195	Violation in $B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ . Physical Review D, 2016, 94, .	2.9	12
196	Measurement of the $B^0 \rightarrow \pi^+ \pi^- \pi^+ \pi^-$ lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 484-492.	1.5	6
197	Kaonic atoms and strangeness in nuclei: SIDDHARTA-2 and AMADEUS experiments. Journal of Physics: Conference Series, 2016, 770, 012034.	0.3	2
198	K-series X-ray yield measurement of kaonic hydrogen atoms in a gaseous target. Nuclear Physics A, 2016, 954, 7-16.	0.6	13

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199	Search for the lepton-flavour violating decay $D_0 \rightarrow e^+ \mu^- \nu_e$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	20
200	Model-independent measurement of the CKM angle $\hat{\Gamma}^3$ using $B_0 \rightarrow D^+ K^- \pi^0$ decays with $D^0 \rightarrow K^+ K^- \pi^0$ and $K^0_S \rightarrow K^+ K^-$ . Journal of High Energy Physics, 2016, 2016, 1.		
201	Observation of $B \rightarrow D^+ K^- \pi^0$ decays with $D^0 \rightarrow K^+ K^- \pi^0$ and $K^0_S \rightarrow K^+ K^-$ . Journal of High Energy Physics, 2016, 2016, 1.	2.9	14
202	First study of the CP violating phase and decay width difference in $B \rightarrow D^+ K^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	1.5	17
203	Measurements of long-range near-side angular correlations in $B \rightarrow D^+ K^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 762, 473-483.	1.5	17
204	Search for $B_c^+$ decays to the $p \bar{p} \pi^+$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 313-321.	1.5	12
205	Observation of the $B \rightarrow D^+ K^- \pi^0$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 759, 282-292.	1.5	14
206	Measurement of CP observables in $B \rightarrow D^+ K^- \pi^0$ and $B \rightarrow D^+ K^- \pi^0$ with two- and four-body D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 117-131.	1.5	20
207	Model-independent evidence for $B \rightarrow D^+ K^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	2.9	22
208	Contributions to $B \rightarrow D^+ K^- \pi^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 754, 167-175.	2.9	102
209	Studies of the resonance structure in $B \rightarrow D^+ K^- \pi^0$ decays. Physical Review D, 2016, 93, .	2.9	110
210	Measurement of the mass and lifetime of the $B \rightarrow D^+ K^- \pi^0$ baryon. Physical Review D, 2016, 93, .	1.6	20
211	First observation of $B \rightarrow D^+ K^- \pi^0$ decays. Physical Review D, 2016, 93, .	1.6	13
212	Oscillations in $B \rightarrow D^+ K^- \pi^0$ decays. Physical Review D, 2016, 93, .	2.9	27
213	First observation of the rare $B \rightarrow D^+ K^- \pi^0$ decay. Physical Review D, 2016, 93, .	1.6	5
214	Measurement of the $B \rightarrow D^+ K^- \pi^0$ and $D \rightarrow K^+ K^- \pi^0$ branching fractions. Physical Review D, 2016, 93, .	1.6	5
215	Constraints on the unitarity triangle angle $\hat{\Gamma}^3$ from Dalitz plot analysis of $B \rightarrow D^+ K^- \pi^0$ decays. Physical Review D, 2016, 93, .	1.6	13
216	Observation of $B \rightarrow D^+ K^- \pi^0$ and Evidence for $B \rightarrow D^+ K^- \pi^0$ Decays. Physical Review Letters, 2016, 116, 161802.	2.9	6

#	ARTICLE	IF	CITATIONS
217	Measurement of the Difference of Time-Integrated $\langle \text{mml:math display="inline">< mml:mi>C</mml:mi>< mml:mi>P</mml:mi></mml:math>$ Asymmetries in $\langle \text{mml:math display="inline">< mml:mi>C</mml:mi>< mml:mi>P</mml:mi></mml:math>$ Search for Violations of Lorentz Invariance and $\langle \text{mml:math display="inline">< mml:msubsup>< mml:mi>C</mml:mi>< mml:mi>P</mml:mi>< mml:mn>0</mml:mn></mml:msubsup>< mml:mo>$	2.9	42
218	Symmetry in $\langle \text{mml:math display="inline">< mml:mi>C</mml:mi>< mml:mi>P</mml:mi>< mml:mi>T</mml:mi></mml:math>$ Upgraded DIRAC spectrometer at CERN PS for the investigation of $\bar{\Lambda}^0$ and $\bar{\Lambda}^0$ atoms. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 839, 52-85.	2.9	31
219	Search for Structure in the $\langle \text{mml:math display="inline">< mml:msubsup>< mml:mi>B</mml:mi>< mml:mi>s</mml:mi>< mml:mn>0</mml:mn></mml:msubsup>< mml:msup>< mml:mi>K</mml:mi></mml:math>$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	0.7	5
220	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the $K^0(1430)$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
221	Study of the elementary $(K^+, n)$ reactions to search for the $K^+NN$ bound state via the $^3\text{He}(K^+, n)$ reaction at J-PARC. AIP Conference Proceedings, 2016, , .	0.3	0
222	Study of $D_{s1}^*$ mesons decaying to $D^+ K^- S^0$ and $D^0 K^+ K^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
223	Measurement of forward W and Z boson production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, .	1.6	59
224	Study of $\bar{\Lambda}(2S)$ production and cold nuclear matter effects in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	14
225	Model-independent measurement of mixing parameters in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2016, 2016, .	1.6	13
226	Structure near the $K^+ p$ threshold in the in-flight $^3\text{He}(K^+, p)$ reaction. Progress of Theoretical and Experimental Physics, 2016, 2016, 051D01.	1.8	48
227	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
228	First observation of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ at LHCb. Journal of High Energy Physics, 2016, 2016, 1.	1.6	5
229	Observation of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8
230	First observation of the decay $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ in the dimuon mass spectrum. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 757, 558-567.	1.5	13
231	Angular analysis of the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay using $3 \text{ fb}^{-1}$ of integrated luminosity. Journal of High Energy Physics, 2016, 2016, 1.	1.6	304
232	Recovery Time Measurements of Silicon Photomultipliers Using a Pulsed Laser. , 2016, , .		0
233	Study of CP violation in $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ with the modes $D^+ K^- \pi^0$ and $D^+ K^- \pi^0$ . Physical Review D, 2015, 91, .	1.6	14

#	ARTICLE	IF	CITATIONS
235	Study of $\langle B \rangle D \langle K \rangle$ Physical Review D, 2015, 92, .		
236	First Observation of Top Quark Production in the Forward Region. Physical Review Letters, 2015, 115, 112001.	2.9	22
237	Evidence for the Strangeness-Changing Weak Decay $b \rightarrow c \bar{s} \ell$ First Observation and amplitude analysis of the $B \rightarrow D K$ Physical Review D, 2015, 91, .	2.9	25
238	Amplitude analysis of $B \rightarrow D K$ Physical Review D, 2015, 91, .	1.6	50
239	Amplitude analysis of $B \rightarrow D K$ Physical Review D, 2015, 91, .	1.6	69
240	Amplitude analysis of $B \rightarrow D K$ Physical Review D, 2015, 91, .	1.6	30
241	Amplitude analysis of $B \rightarrow D K$ Physical Review D, 2015, 91, .	1.6	80
242	Study of $W$ boson production in association with beauty and charm. Physical Review D, 2015, 92, .	1.6	22
243	Measurement of the branching fraction ratio $\frac{B(B_c \rightarrow \tau^+ \bar{\nu}_\tau (2S) \bar{\nu}_\tau)}{B(B_c \rightarrow \tau^+ \bar{\nu}_\tau \bar{\nu}_\tau)}$ . Physical Review D, 2015, 92, .	1.6	14
244	Search for the rare decays $B_0 \rightarrow \tau^+ \bar{\nu}_\tau$ and $B_s \rightarrow \tau^+ \bar{\nu}_\tau$ . Physical Review D, 2015, 92, .	1.6	8
245	Model-independent confirmation of the $Z \rightarrow C P$ Violation in $B \rightarrow D K$ Physical Review Letters, 2015, 115, 031601.	2.9	30
246	Measurement of $C P$ Violation in $B \rightarrow D K$ Physical Review Letters, 2015, 115, 031601.	2.9	30
247	Observation of the $B_s \rightarrow \tau^+ \bar{\nu}_\tau$ Decay. Physical Review Letters, 2015, 115, 051801.	2.9	9
248	Observation of $J/\psi$ Resonances Consistent with Pentaquark States in $B \rightarrow D K$ Physical Review Letters, 2015, 115, 031601.	2.9	816
249	Observation of $B \rightarrow D K$ Physical Review Letters, 2015, 115, 031601.		

#	ARTICLE	IF	CITATIONS
253	Testing the Pauli Exclusion Principle for Electrons at LNGS. <i>Physics Procedia</i> , 2015, 61, 552-559.	1.2	3
254	Measurement of CP asymmetries and polarisation fractions in $B_s^0 \rightarrow K^+ K^- \overline{K}^0$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	12
255	Measurement of the forward Z boson production cross-section in pp collisions at $\sqrt{s} = 7$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	69
256	Search for the $b \rightarrow b \overline{c} c$ and $b \rightarrow b \overline{c} c$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	9
257	Measurement of the exclusive $\Upsilon$ production cross-section in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	52
258	Measurement of the $B_s^0 \rightarrow \overline{D}^0 D^0$ branching fraction and search for the decay $B^0 \rightarrow \overline{D}^0 D^0$ . <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	11
259	Forward production of $\Upsilon$ mesons in pp collisions at $\sqrt{s} = 7$ TeV and 8 TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	30
260	Measurement of the forward-backward asymmetry in $Z \rightarrow \tau^+ \tau^- + \tau^+ \tau^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	37
261	First observation of long-lived $\Xi + \Xi^*$ atoms. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2015, 751, 12-18.	1.5	11
262	First observation and measurement of the branching fraction for the decay $B_s^0 \rightarrow D^+ D^- K^{\pm}$ . <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	7
263	First measurement of the differential branching fraction and CP asymmetry of the $B^{\pm} \rightarrow \overline{D}^0 D^0 + \overline{D}^0 D^0$ decay. <i>Journal of High Energy Physics</i> , 2015, 2015, .	1.6	36
264	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^- S^0$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	13
265	Measurement of CP violation parameters and polarisation fractions in $B_s^0 \rightarrow J/\psi K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	15
266	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	33
267	Differential branching fraction and angular analysis of $B^0 \rightarrow \overline{D}^0 D^0$ decays. <i>Journal of High Energy Physics</i> , 2015, 2015, .	1.6	82
268	Measurement of the time-dependent CP asymmetries in $B_s^0 \rightarrow J/\psi K^+ K^-$ . <i>Journal of High Energy Physics</i> , 2015, 2015, .	1.6	12
269	Search for the decay $B_s^0 \rightarrow \overline{D}^0 D^0(980)$ . <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	17
270	Measurement of forward $J/\psi$ production cross-sections in pp collisions at $\sqrt{s} = 13$ TeV. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	60



#	ARTICLE	IF	CITATIONS
271	Investigation of the low energy kaons hadronic interactions in light nuclei by AMADEUS. Hyperfine Interactions, 2015, 234, 9-15.	0.2	0
272	Observation of the decay $B_s^0 \rightarrow K^+ K^- (2S)$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	1.5	13
273	Angular analysis and differential branching fraction of the decay $B_s^0 \rightarrow K^+ K^- (2S)$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	191
274	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
275	Angular analysis of the $B^0 \rightarrow K^* K^0$ decay in the low- $q^2$ region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
276	Determination of the branching fractions of $B \rightarrow S O \rightarrow D S^+ K^-$ and $B \rightarrow S O \rightarrow D S^+ K^0$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
277	Search for the deeply bound K-pp state from the semi-inclusive forward-neutron spectrum in the in-flight K- reaction on helium-3. Progress of Theoretical and Experimental Physics, 2015, 2015, 61D01-0.	1.8	24
278	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. European Physical Journal C, 2015, 75, 595.	1.4	11
279	Observation of the $B^0 \rightarrow K^* K^0$ decay from an amplitude analysis of $B^0 \rightarrow K^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	14
280	Measurement of the lifetime of the $B_c$ using the $B_c \rightarrow B \mu^+ \mu^-$ decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	1.5	29
281	Measurement of the CP-violating phase $\beta_1$ in $B^0 \rightarrow K^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 468-478.	2.9	47
282	Unprecedented Studies of the Low-energy Negatively Charged Kaons Interactions in Nuclear Matter by AMADEUS. Acta Physica Polonica B, 2015, 46, 203.	1.5	31
283	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
285	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
286	Study of the rare $B \rightarrow K^* K^0$ and $B^0$ decays into the $K^* K^0$ final state. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 743, 46-55.	1.5	17
287	Measurement of the Strong Interaction Induced Shift and Width of the $1S$ State of Kaonic Deuterium at J-PARC. Acta Physica Polonica B, 2015, 46, 101.	0.3	15
288	Measurement of the Semileptonic Asymmetry in $B \rightarrow K^* K^0$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 484-494.	2.9	32

#	ARTICLE	IF	CITATIONS
289	Measurement of $C \langle P \rangle$ Violation in $B \langle S \rangle$ in Proton-Proton Collisions at $\sqrt{s} = 8$ TeV. Physical Review Letters, 2015, 114, 132001.	2.9	65
290	LHCb detector performance. International Journal of Modern Physics A, 2015, 30, 1530022.	0.5	604
292	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
293	Search for CP violation in $D \langle D \rangle$ Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 740, 158-167.	1.6	20
294	Study of $\hat{B} \hat{B}^2$ mixing from measurement of $B(s) \hat{B} \hat{B}^2$ decay rates. Journal of High Energy Physics, 2015, 2015, .	1.6	13
295	Measurement of the Z+b-jet cross-section in pp collisions at $\sqrt{s} = 7$ TeV in the forward region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
296	Search for the lepton flavour violating decay $\tilde{l}, \tilde{a} \hat{1}/4 \tilde{a} \hat{1}/4 + \hat{1}/4 \tilde{a}$ . Journal of High Energy Physics, 2015, 2015, .	1.6	32
297	Precise measurements of the properties of the $B(5721)_{0,+}$ and $B(5747)_{0,+}$ states and observation of $B_{0,+}$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
298	Measurement of indirect CP asymmetries in $D_0 \hat{K}^+ K^+$ and $D_0 \hat{K}^+ \bar{K}^+$ decays using semileptonic B decays. Journal of High Energy Physics, 2015, 2015, .	1.6	17
299	Observation of the rare $B_s \hat{\mu}^+ \hat{\mu}^-$ decay from the combined analysis of CMS and LHCb data. Nature, 2015, 522, 68-72.	13.7	390
300	Identification of beauty and charm quark jets at LHCb. Journal of Instrumentation, 2015, 10, P06013-P06013.	0.5	42
301	Measurement of the $\hat{c} (1S)$ production cross-section in proton-proton collisions via		

#	ARTICLE	IF	CITATIONS
307	Search for the $\bar{K}^0$ pp bound state via the in-flight $^3\text{He}(\bar{K}^0, n)$ reaction. EPJ Web of Conferences, 2014, 81, 02016.	0.1	0
308	Measurement of the $C\bar{P}$ -Violating Phase $\arg(-i\text{Im}(\lambda_{cb}))$ in $B \rightarrow \bar{K}^0 \pi^0$ decays. Physical Review D, 2014, 89, 074011.	2.9	29
309	Measurements of $B \rightarrow \bar{K}^0 \pi^0$ violation parameters in $B \rightarrow \bar{K}^0 \pi^0$ decays. Physical Review D, 2014, 89, 074011.	1.6	14
310	Measurements of $B \rightarrow \bar{K}^0 \pi^0$ violation in the three-body phase space of charmless $B \rightarrow \bar{K}^0 \pi^0$ decays. Physical Review D, 2014, 90, .	1.6	65
311	Updated measurements of exclusive $\bar{K}^0$ and $\bar{K}^0(2S)$ 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
312	Measurement of CP asymmetries in the decays $B \rightarrow \bar{K}^0 \pi^0$ and $B \rightarrow \bar{K}^0 \pi^+$ . Journal of High Energy Physics, 2014, 2014, .	1.6	26
313	Progress and perspectives in the low-energy kaon-nucleon/nuclei interaction studies at the DAΦNE collider. Journal of Physics: Conference Series, 2014, 556, 012004.	0.3	0
314	Search for the $\bar{K}^0$ pp bound state via the $^3\text{He}(\bar{K}^0, n)$ reaction at 1 GeV/c. Journal of Physics: Conference Series, 2014, 569, 012080.	0.3	0
315	Observation of $B_{s0} \rightarrow \bar{K}^0 \pi^0$ and evidence for $B_{s0} \rightarrow \bar{K}^0 \pi^+$ decays. New Journal of Physics, 2014, 16, 123001.	1.2	13
316	Measurement of CP violation and constraints on the CKM angle $\hat{\beta}^3$ in $B_{\pm} \rightarrow \bar{K}^0 \pi^0$ decays. Nuclear Physics B, 2014, 888, 169-193.	0.9	27
317	First $\bar{K}^0$ atom lifetime and $\bar{K}^0$ scattering length measurements. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 288-294.	1.5	18
318	Measurement of the $B_{\pm} \rightarrow \bar{K}^0 \pi^0$ 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
319	A Search for Deeply-bound Kaonic Nuclear States by In-flight $^3\text{He}(\bar{K}^0, n)$ Reaction at J-PARC. Acta Physica Polonica B, 2014, 45, 767.	0.3	4
320	A Search for $\phi$ Meson Nucleus Bound State Using Antiproton Annihilation on Nucleus. Acta Physica Polonica B, 2014, 45, 819.	0.3	7
321	Kaonic Atoms — Results of the SIDDHARTA Experiment. Acta Physica Polonica B, 2014, 45, 787.	0.3	2
322	First Measurement of the Charge Asymmetry in Beauty-Quark Pair Production. Physical Review Letters, 2014, 113, 082003.	2.9	15
323	Violation in $B \rightarrow \bar{K}^0 \pi^0$ decays. Physical Review D, 2014, 89, 074011.	2.9	27
324	First Observation of a Baryonic $B_c$ Decay. Physical Review Letters, 2014, 113, 152003.	2.9	28

#	ARTICLE	IF	CITATIONS
325	Measurement of resonant and components in $C \times P$ $B$ $B$	1.6	73
326	Search for Majorana Neutrinos in $B \rightarrow \ell \bar{\nu}_\ell \nu_\mu \nu_\tau$ Decays. Physical Review Letters, 2014, 112, 131802.	2.9	106
327	Measurement of the $B \rightarrow 0$ Meson Lifetime in $D_s \rightarrow \ell \bar{\nu}_\ell$ Decays. Physical Review Letters, 2014, 113, 172001.	2.9	14
328	Measurement of $C \times P$ Violation in the Phase Space of $B$ $A_{\pm}$	2.9	78
329	Measurement of $C \times P$ components in $C \times P$	1.6	67
330	Observation of Overlapping Spin-1 and Spin-3 $D$	2.9	80
331	Measurement of $B$ $B$	2.9	17
332	Dalitz plot analysis of $D$ $D$	1.6	99
333	Precision Measurement of the Mass and Lifetime of the $D$ $D$	2.9	20
334	Precision Measurement of the Mass and Lifetime of the $\Lambda_b$ Baryon. Physical Review Letters, 2014, 113, 032001.	2.9	36
335	Test of Lepton Universality Using $B$ $K$ $B$	2.9	845
336	Precision Measurement of the Mass and Lifetime of the $B$ $B$	2.9	39
337	Measurement of $C \times P$ violation in $C \times P$ $B$ $B$	1.6	18
338	Study of Beauty Hadron Decays into Pairs of Charm Hadrons. Physical Review Letters, 2014, 112, .	2.9	26
339	Observation of $B \rightarrow 0$ Decays and Measurement of the $\theta_1(1285)$ Mixing Angle. Physical Review Letters, 2014, 112, 091802.	2.9	24
340	Measurement of the ratio of $B$ $B$ $B$	1.6	31
341	Studies of beauty baryon decays to $D$ $D$	1.6	31
342	Observation of charmonium pairs produced exclusively in $pp$ collisions. Journal of Physics G: Nuclear and Particle Physics, 2014, 41, 115002.	1.4	14

#	ARTICLE	IF	CITATIONS
343	Study of $\Upsilon(3S)$ $b$ meson production in $pp$ collisions at $\sqrt{s}=7$ and $8$ TeV. European Physical Journal C, 2014, 74, .	1.4	43
344	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
345	Search for CP violation in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ and $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
346	First observations of the rare decays $B \rightarrow K^+ K^- \pi^+ \pi^-$ and $B \rightarrow K^+ K^- \pi^+ \pi^-$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
347	Measurement of the $\Upsilon(3P)$ mass and of the relative rate of $\Upsilon(3P)$ and $\Upsilon(1P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
348	Measurement of the CKM angle $\beta$ using $B^0 \rightarrow DK^+$ with $D \rightarrow K^+ K^- \pi^+ \pi^-$ , $K^+ K^- K^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22
349	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	14
350	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
351	Measurement of the forward W boson cross-section in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.5	34
352	Search for CP violation in $B^0 \rightarrow DK^+$ and $B^0 \rightarrow DK^+$ decays with $D \rightarrow K^+ K^- \pi^+ \pi^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 733, 36-45.	1.5	13
353	Study of forward Z + jet production in pp collisions at $\sqrt{s}=7$ TeV. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
354	Study of $J/\psi$ 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
355	Measurement of the effective lifetime measurements in the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 446-454.	1.5	13
356	Measurement of the effective lifetime measurements in the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 736, 446-454.	1.5	13
357	Evidence for the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ . Journal of High Energy Physics, 2014, 2014, 1.	1.5	40
358	Searches for $\Lambda_b^0$ and $\Xi_b^0$ decays to $K_{\text{charm}}^0 \pi^+$ and $K_{\text{charm}}^0 \pi^0$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	0.9	114
359	Searches for $\Lambda_b^0$ and $\Xi_b^0$ decays to $K_{\text{charm}}^0 \pi^+$ and $K_{\text{charm}}^0 \pi^0$ final states with first observation of the $\Lambda_b^0 \rightarrow K_{\text{charm}}^0 \pi^+$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	25
360	Observation of associated production of a Z boson with a D meson in the forward region. Journal of High Energy Physics, 2014, 2014, .	1.6	11

#	ARTICLE	IF	CITATIONS
361	Measurements of the $B^+$ , $B^0$ , $B_s^0$ meson and $\Lambda_b^0$ baryon lifetimes. Journal of High Energy Physics, 2014, 2014, .	1.6	26
362	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^* \rho^0$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
363	Angular analysis of charged and neutral $B \rightarrow K^{1/2} + \rho^{1/2}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	26
364	Evidence for the decay $B_c^+ \rightarrow \rho^+ \psi(3770)$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
365	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \rho^{1/2} + \rho^{1/2}$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	206
366	Measurement of CP asymmetry in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \bar{K}^0 \bar{K}^0$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	52
367	Study of $\Upsilon$ 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	33
368	Observation of the $b \rightarrow c$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	35
369	Observation of the $B_s \rightarrow K^* K^0$ decay. Journal of High Energy Physics, 2014, 2014, 1.	1.6	8
370	Study of the kinematic dependences of $b \rightarrow c$ production in pp collisions and a measurement of the $b \rightarrow c$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
371	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
372	L-series X-ray yields of kaonic $^3\text{He}$ and $^4\text{He}$ atoms in gaseous targets. European Physical Journal A, 2014, 50, 1.	1.0	8
373	Measurement of $\Upsilon$ production in pp collisions at $\sqrt{s} = 2.76$ TeV. European Physical Journal C, 2014, 74, .	1.4	27
374	Measurement of the $B_c^+ \rightarrow \rho^+ \psi(3770)$ meson lifetime using $B_c^+ \rightarrow \rho^+ \psi(3770)$ . European Physical Journal C, 2014, 74, 2839.	1.4	43
375	Measurement of $\psi(2S)$ polarisation in pp collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
376	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.	1.4	30
377	Search for the decay $B_c^+ \rightarrow \rho^+ \psi(3770)$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 234-243.	1.5	19
378	Search for CP violation in the decay $B_c^+ \rightarrow \rho^+ \psi(3770)$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 585-595.	1.5	19

#	ARTICLE	IF	CITATIONS
379	Measurement of the charge asymmetry in $B \rightarrow \pi^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , 2013, 2013, 1. $\frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} = \frac{1}{2} \left( \frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} + \frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} \right)$	1.5	12
380	Observation of the Resonant Character of the $B \rightarrow \pi^0 \pi^0$ Transition. <i>Physical Review Letters</i> , 2013, 111, 111801. $\frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} = \frac{1}{2} \left( \frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} + \frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} \right)$	2.9	325
381	Observation of Photon Polarization in the $B \rightarrow \pi^0 \pi^0$ Transition. <i>Physical Review Letters</i> , 2013, 111, 111801. $\frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} = \frac{1}{2} \left( \frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} + \frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} \right)$	2.9	46
382	Precision measurement of the ratio of the $B \rightarrow \pi^0 \pi^0$ to $B \rightarrow \pi^+ \pi^-$ branching fractions. <i>Physical Review Letters</i> , 2013, 111, 111801. $\frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} = \frac{1}{2} \left( \frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} + \frac{A_{CP}^{\pi^0 \pi^0}}{A_{CP}^{\pi^+ \pi^-}} \right)$	1.5	50
383	New precision era of experiments on strong interaction with strangeness at DAFNE/LNF-INFN. <i>EPJ Web of Conferences</i> , 2014, 66, 05016.	0.1	0
384	Precision luminosity measurements at LHCb. <i>Journal of Instrumentation</i> , 2014, 9, P12005-P12005.	0.5	110
385	Unveiling the strangeness secrets: low-energy kaon-nucleon/nuclei interactions studies at DAΦNE. <i>EPJ Web of Conferences</i> , 2014, 66, 09004.	0.1	2
386	Experimental Tests of Quantum Mechanics: Pauli Exclusion Principle and Spontaneous Collapse Models. <i>Springer Proceedings in Physics</i> , 2014, , 181-187.	0.1	0
387	CP violation in B and D systems at LHCb. , 2014, , .		0
388	Search for deeply bound Kaonic nuclear states via $^3\text{He}(\bar{K}^0, n)$ reaction at J-PARC. , 2014, , .		0
389	Differential branching fraction and angular analysis of the decay $B_s^0 \rightarrow \bar{K}^{*0} \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	103
390	Search for CP violation in $D \rightarrow \bar{K}^* \pi^+ \pi^-$ and $D_s^+ \rightarrow K_S^0 \pi^+ \pi^+$ decays. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	14
391	Precision measurement of D meson mass differences. <i>Journal of High Energy Physics</i> , 2013, 2013, .	1.6	65
392	Production of $J/\psi$ and $\Upsilon$ mesons in pp collisions at $\sqrt{s}=8$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	65
393	Measurement of the $B \rightarrow \bar{K}^* K^0 \pi^0$ branching fraction at low dilepton mass. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	28
394	Limits on neutral Higgs boson production in the forward region in pp collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	7
395	Measurement of the fragmentation fraction ratio $f_s/f_d$ and its dependence on B meson kinematics. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	89
396	Measurement of CP observables in $B \rightarrow \bar{K}^* K^0$ with $D \rightarrow \bar{K}^* K^0$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.6	1.6	6





#	ARTICLE	IF	CITATIONS
415	Searches for $B_{(s)}^0 \rightarrow J/\psi \text{ left} / \text{right} \overline{K}^0$ and $B \rightarrow J/\psi \text{ left} / \text{right} \overline{K}^0$ decays. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	7
416	Differential branching fraction and angular analysis of the decay $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	111
417	Measurement of B meson production cross-sections in proton-proton collisions at $\sqrt{s}=7$ TeV. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	50
418	Implications of LHCb measurements and future prospects. <i>European Physical Journal C</i> , 2013, 73, 1.	1.4	137
419	Observation of $B^0 \rightarrow \overline{K}^0$ mixing and measurement of mixing frequencies using semileptonic B decays. <i>European Physical Journal C</i> , 2013, 73, .	1.4	17
420	Search for the doubly charmed baryon $\Xi_{cc}^{++}$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	50
421	Measurement of $J/\psi$ polarization in pp collisions at $\sqrt{s}=7$ TeV. <i>European Physical Journal C</i> , 2013, 73, 2631.	1.4	117
422	Observation of the decay $B_c^{+} \rightarrow \hat{K}^+ J/\psi K + K \hat{K}^+ \ell^+ \ell^-$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	25
423	First observation of the decay $B_s^0 \rightarrow \phi \overline{K}^0$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	9
424	Unlocking the secrets of the kaon-nucleon/nuclei interactions at low-energies: The SIDDHARTA(-2) and the AMADEUS experiments at the DAΦNE collider. <i>Nuclear Physics A</i> , 2013, 914, 251-259.	0.6	19
425	A search for deeply-bound kaonic nuclear state at the J-PARC E15 experiment. <i>Nuclear Physics A</i> , 2013, 914, 315-320.	0.6	9
426	First Evidence for the Decay $B_c^+ \rightarrow J/\psi K^+ K^0$ . <i>Physical Review Letters</i> , 2013, 110, 021801.	2.9	105
427	First Observation of $B_c^+ \rightarrow J/\psi K^+ K^0$ . <i>Physical Review Letters</i> , 2013, 110, 021801.	2.9	105
428	Search for the rare decay $K_{S^*}^0 \rightarrow \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	13
429	A study of the Z production cross-section in pp collisions at $\sqrt{s}=7$ TeV using tau final states. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	14
430	Measurement of the ratio of branching fractions $R_{D^*} = \frac{\mathcal{B}(B \rightarrow D^* \tau \nu)}{\mathcal{B}(B \rightarrow D^* \ell \nu)}$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	0.9	48
431	Measurement of the ratio of branching fractions $R_{D^*} = \frac{\mathcal{B}(B \rightarrow D^* \tau \nu)}{\mathcal{B}(B \rightarrow D^* \ell \nu)}$ . <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	0.9	17
432	Prompt charm production in pp collisions at $\sqrt{s}=7$ TeV. <i>Nuclear Physics B</i> , 2013, 871, 1-20.	0.9	228

#	ARTICLE	IF	CITATIONS
433	Observation of the suppressed ADS modes $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 44-53.	1.5	16
434	Measurement of the CKM angle $\beta$ from a combination of $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 726, 15-18.	1.5	15
435	Search for direct CP violation in $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 33-43.	1.5	16
436	Measurement of the CKM angle $\beta$ from a combination of $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 723, 33-43.	1.5	16
437	Observation of the decay $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ decay amplitudes and the relative branching fractions of $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	1.5	54
438	Search for the rare decay $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 15-24.	1.5	15
439	X-ray transition yields of low-Z kaonic atoms produced in Kapton. Nuclear Physics A, 2013, 916, 30-47.	1.5	33
440	Preliminary study of kaonic deuterium X-rays by the SIDDHARTA experiment at DAΦNE. Nuclear Physics A, 2013, 907, 69-77.	0.6	7
441	Measurement of the differential branching fraction of the decay $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	1.5	35
442	Strong-interaction shifts and widths of kaonic helium isotopes. Nuclear Physics A, 2013, 914, 305-309.	0.6	1
443	Evidence for the decay $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ and measurement of the relative branching fractions of $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	0.9	35
444	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
445	Observation of $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	0.9	17
446	Observations of $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ and measurement of the relative branching fractions of $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 25-35.	2.9	65
447	Observations of $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ and measurement of the relative branching fractions of $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 724, 36-45.	0.9	24
448	Measurement of new $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ production asymmetry in 7 TeV pp collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 718, 902-909.	1.5	33
449	Precision measurement of the $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ oscillation frequency with the decay $B \rightarrow \bar{D}^0 \pi^0$ and $B \rightarrow \bar{D}^0 \pi^+$ . New Journal of Physics, 2013, 15, 053021.	1.2	59



#	ARTICLE	IF	CITATIONS
469	Study of $D^* \bar{a} \rightarrow \bar{K} + \bar{K} + \bar{K}$ decays. Physical Review D, 2013, 87, .	1.6	11
470	Measurement of the $C \rightarrow P$ Asymmetry in $B \rightarrow K^* \bar{K}^0$ decays. Physical Review Letters, 2013, 110, 031801.	2.9	22
471	Studies of the decays $B \rightarrow \rho^+ \pi^0$ and observation of $B \rightarrow \rho^+ \pi^0(1520)$ . Physical Review D, 2013, 88, .	1.6	12
472	Observation of a Resonance in $B \rightarrow K^* \bar{K}^0$ at Low Recoil. Physical Review Letters, 2013, 111, 112003.	2.9	22
473	First Observation of the Decay $B \rightarrow K^* \bar{K}^0$ . Physical Review Letters, 2013, 110, 151803.	1.6	36
474	Measurement of the $B \rightarrow K^* \bar{K}^0$ Fraction and Search for $B \rightarrow K^* \bar{K}^0$ . Physical Review Letters, 2013, 110, 160503.	2.9	258
475	Measurement of the $B \rightarrow K^* \bar{K}^0$ Fraction and Search for $B \rightarrow K^* \bar{K}^0$ . Physical Review Letters, 2013, 110, 160503.	1.6	20
476	Measurement of the $B \rightarrow K^* \bar{K}^0$ Fraction and Search for $B \rightarrow K^* \bar{K}^0$ . Physical Review Letters, 2013, 110, 160503.	2.9	258
477	Measurement of the $B \rightarrow K^* \bar{K}^0$ Fraction and Search for $B \rightarrow K^* \bar{K}^0$ . Physical Review Letters, 2013, 110, 160503.	2.9	21
478	Characterization of a scintillating fibers read by MPPC detectors trigger prototype for the AMADEUS experiment. Journal of Instrumentation, 2013, 8, T05006-T05006.	0.5	3
479	Testing the Pauli Exclusion Principle for Electrons. Journal of Physics: Conference Series, 2013, 447, 012070.	0.3	14
480	Experimental tests of quantum mechanics: Pauli exclusion principle violation and spontaneous collapse models. 2012, .		0
481	Measurement of the $B \rightarrow K^* \bar{K}^0$ Lifetime in the $B \rightarrow K^* \bar{K}^0$ decays. Physical Review Letters, 2013, 110, 031801.		

#	ARTICLE	IF	CITATIONS
487	Experimental tests of Quantum Mechanics: from Pauli Exclusion Principle Violation to spontaneous collapse models. Journal of Physics: Conference Series, 2012, 361, 012006.	0.3	5
488	Kaonic atoms measurements at the DAFNE accelerator: the SIDDHARTA experiment. Journal of Physics: Conference Series, 2012, 348, 012003.	0.3	0
489	Kaonic atoms measurements at the DAΦNE collider: the SIDDHARTA experiment. Journal of Physics: Conference Series, 2012, 383, 012004.	0.3	0
490	Study of D sJ decays to $\{D^{\{+\}}\}K_{\{\mathrm{S}\}}^0$ and D OK+ final states in pp collisions. Journal of High Energy Physics, 2012, 2012, .	1.6	29
491	Measurement of the fraction of $\tilde{\chi}^0(1S)$ originating from $\tilde{t}b(1P)$ decays in pp collisions at $\sqrt{s}=7,\text{TeV}$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	18
492	First observation of the decay $B \rightarrow \hat{\pi}^+ \tilde{\chi}^0 + \hat{\pi}^0 + \hat{\pi}^0 \hat{\pi}^0$ . Journal of High Energy Physics, 2012, 2012, 1.	1.6	36
493	A search for $\tilde{\chi}^0$ meson nucleus bound state using antiproton annihilation on nucleus. Hyperfine Interactions, 2012, 213, 23-29.	0.2	0
494	Measurements of the strong-interaction widths of the kaonic $^3\text{He}$ and $^4\text{He}$ $2p$ levels. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 714, 40-43.	1.5	33
495	X-ray spectroscopy of light kaonic atoms $\hat{\pi}^0$ new results and perspectives. Nuclear Physics, Section B, Proceedings Supplements, 2012, 233, 173-178.	0.5	0
496	A model-independent Dalitz plot analysis of $B \rightarrow \hat{\pi}^0 \hat{\pi}^0 \hat{\pi}^0$ with $D \rightarrow \hat{\pi}^0 \hat{\pi}^0 \hat{\pi}^0$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 718, 43-55.	1.5	22
497	A glimpse into the Pandora box of the quantum mechanics: The Pauli exclusion principle violation and spontaneous collapse models put at test. , 2012, , .		2
498	Kaon-nuclei interaction studies at low energies (the AMADEUS project). EPJ Web of Conferences, 2012, 37, 07002.	0.1	0
499	Kaonic $^3\text{He}$ and $^4\text{He}$ measurements in the SIDDHARTA experiment at the DAΦNE collider. EPJ Web of Conferences, 2012, 37, 02002.	0.1	0
500	Studies of the $\{\text{oldsymbol}\{ar\{K\}\}\}\{\text{oldsymbol}\{N\}\}$ interaction at DAΦNE. Hyperfine Interactions, 2012, 210, 107-110.	0.2	1
501	Results from the kaonic hydrogen X-ray measurement at DAFNE and outlook to future experiments. Hyperfine Interactions, 2012, 209, 121-126.	0.2	3
502	Kaonic $^3\text{He}$ and $^4\text{He}$ X-ray measurements in SIDDHARTA. Hyperfine Interactions, 2012, 209, 139-143.	0.2	1
503	Experimental tests of the trigger prototype for the AMADEUS experiment based on Sci-Fi read by MPPC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2012, 671, 125-128.	0.7	7
504	Kaonic hydrogen X-ray measurement in SIDDHARTA. Nuclear Physics A, 2012, 881, 88-97.	0.6	116



#	ARTICLE	IF	CITATIONS
523	X-RAY SPECTROSCOPY OF KAONIC ATOMS AT DAΦNE. International Journal of Modern Physics A, 2011, 26, 432-437.	0.5	0
524	KAONIC HELIUM MEASUREMENTS IN THE SIDDHARTA EXPERIMENT. International Journal of Modern Physics A, 2011, 26, 601-603.	0.5	1
525	STATUS AND PLANS OF EXPERIMENT E17 AT J-PARC. International Journal of Modern Physics A, 2011, 26, 604-606.	0.5	1
526	EXPERIMENTAL TESTS OF QUANTUM MECHANICS PAULI EXCLUSION PRINCIPLE VIOLATION (THE VIP) Tj ETQq0 0 0 rgBT /Overlock 10 T 145-154.	0.6	10
527	THE SEARCH FOR DEEPLY BOUND KAONIC NUCLEAR STATES AT J-PARC. International Journal of Modern Physics A, 2011, 26, 561-563.	0.5	3
528	Studies of antikaon interactions with nucleons at DAΦNE. , 2011, , .		1
529	Precision Spectroscopy of Kaonic Helium-3 X-rays at J-PARC. , 2011, , .		0
530	Studies of the $\bar{K}N$ interaction at DAΦNE. , 2011, , 257-260.		0
531	The VIP Experimental Limit on the Pauli Exclusion Principle Violation by Electrons. Foundations of Physics, 2010, 40, 765-775.	0.6	9
532	Kaonic atoms studies at DAFNE by the SIDDHARTA experiment. Nuclear Physics A, 2010, 835, 27-34.	0.6	5
533	The AMADEUS experiment â€“ precision measurements of low-energy antikaon nucleus/nucleon interactions. Nuclear Physics A, 2010, 835, 410-413.	0.6	6
534	Performances of a GEM-based TPC prototype for new high-rate particle experiments. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2010, 617, 183-185.	0.7	2
535	Kaon-nucleon strong interaction in kaonic atoms. Nuclear Physics, Section B, Proceedings Supplements, 2010, 207-208, 208-211.	0.5	0
536	Precision Spectroscopy of Kaonic Helium-3 Atoms X-rays at J-PARC. EPJ Web of Conferences, 2010, 3, 03017.	0.1	1
537	Precision Spectroscopy of Kaonic Atoms at DAΦNE. EPJ Web of Conferences, 2010, 3, 03023.	0.1	2
538	Low energy kaon nuclei interaction studies at DAΦNE. EPJ Web of Conferences, 2010, 3, 03021.	0.1	0
539	Search for $\bar{K}^*$ -Meson Nuclear Bound States in the $\overline{p} + A Z \rightarrow \bar{K}^* + A-1\bar{K}^*(Z-1)$ Reaction. Progress of Theoretical Physics Supplement, 2010, 186, 337-342.	0.2	4
540	New experimental limit on the Pauli Exclusion Principle violation by electronsâ€”the VIP experiment. AIP Conference Proceedings, 2010, , .	0.3	1

#	ARTICLE	IF	CITATIONS
541	Precision spectroscopy of Kaonic helium-3 and helium-4 $3d\pi^+2p$ X-rays. , 2010, , .		0
542	Precision spectroscopy of light kaonic atom X-rays in the SIDDHARTA experiment. , 2010, , .		0
543	Kaonic atoms measurements at DAFNE by SIDDHARTA. , 2010, , .		0
544	KAONIC ATOMS AT DAΦNE – THE SIDDHARTA EXPERIMENT. International Journal of Modern Physics A, 2009, 24, 190-197.	0.5	3
545	Kaonic atoms measurements at the DAΦNE accelerator. Hyperfine Interactions, 2009, 193, 11-17.	0.2	0
546	Evidence for $\bar{K}$ -atoms with DIRAC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 11-16.	1.5	14
547	Kaonic helium-4 X-ray measurement in SIDDHARTA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 310-314.	1.5	87
548	New X-Ray Detectors for Exotic Atom Research. IEEE Transactions on Nuclear Science, 2009, 56, 1400-1404.	1.2	5
549	New experimental limit on the Pauli exclusion principle violation by electrons (the VIP experiment). Journal of Physics: Conference Series, 2009, 171, 012031.	0.3	0
550	Measurement of pionium lifetime with the Dirac spectrometer. European Physical Journal A, 2007, 31, 522-526.	1.0	3
551	First measurement of the $\pi^+\pi^-\pi^0$ decay of $\pi^0$ mesons. Journal of Physics: Conference Series, 2009, 171, 012031.	1.5	90
552	Detection of $\bar{K}^0$ atoms with the DIRAC spectrometer at CERN. Journal of Physics G: Nuclear and Particle Physics, 2004, 30, 1929-1946.	1.4	23
553	DIRAC: A high resolution spectrometer for pionium detection. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2003, 515, 467-496.	0.7	34