

# Marek Idzik

## List of Publications by Year in descending order

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Version: 2024-02-01

264  
papers

9,938  
citations

57631

44  
h-index

43802

91  
g-index

275  
all docs

275  
docs citations

275  
times ranked

8375  
citing authors

#	ARTICLE	IF	CITATIONS
1	<p>Measurement of the Ratio of Branching Fractions <math display="inline">B_{\text{script}}</math></p>		



#	ARTICLE	IF	CITATIONS
19	Measurement of inclusive jet and dijet cross sections in $\sqrt{s}=7$ TeV proton-proton collisions at the ATLAS detector. European Physical Journal C, 2011, 71, 1.	1.4	114
20	Higgs physics at the CLIC electron-positron linear collider. European Physical Journal C, 2017, 77, 475.	1.4	112
21	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. Nature Physics, 2015, 11, 743-747.	6.5	105
22	$J/\psi$ and $\psi(2S)$ production and their normal nuclear absorption in proton-nucleus collisions at 400 GeV. European Physical Journal C, 2006, 48, 329-341.	1.4	101
23	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
24	Conceptual design report for the LUXE experiment. European Physical Journal: Special Topics, 2021, 230, 2445-2560.	1.2	89
25	Search for the Decays $B \rightarrow s \ell^+ \ell^-$ and $B \rightarrow s \ell^+ \ell^- \gamma$ . Physical Review Letters, 2016, 117, 152003.	2.9	81
26	Search for Structure in the $B \rightarrow s \ell^+ \ell^-$ Mass Spectrum. Physical Review Letters, 2016, 117, 152003.	2.9	81
27	Measurements of the S-wave fraction in $B \rightarrow K^* \ell^+ \ell^-$ decays and the $B \rightarrow K^* \ell^+ \ell^-$ differential branching ratio. Journal of High Energy Physics, 2016, 2016, 1.	1.6	75
28	Measurement of the $\eta_c(1S)$ production cross-section in proton-proton collisions via		

#	ARTICLE	IF	CITATIONS
37	Study of the $D^0 p$ amplitude in $\hat{b}^0 \rightarrow \hat{c}^0 \pi^+ \pi^-$ decays. Journal of High Energy Physics, 2017, 2017, 11.6		54
38	Search for massive long-lived particles decaying semileptonically in the LHCb detector. European Physical Journal C, 2017, 77, 224.	1.4	54
39	Measurement of $\psi(2S)$ $\tilde{\chi}^0(2S)$ polarisation in $pp$ collisions at $\sqrt{s} = 7$ TeV. European Physical Journal C, 2014, 74, 2872.	1.4	53
40	Measurement of the exclusive $\tilde{\chi}^0$ production cross-section in $pp$ collisions at $s = 7 \sqrt{s} = 7$ TeV and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	52
41	Measurement of the phase difference between short- and long-distance amplitudes in the $B^+ \rightarrow K^+ \pi^+ \pi^-$ decay. European Physical Journal C, 2017, 77, 161.	1.4	51
42	Observation of New Resonances in the $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decay. Physical Review Letters, 2019, 123, 152001.	2.9	49
43	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. Physical Review Letters, 2019, 122, 132002.	2.9	48
44	Search for the Lepton-Flavor-Violating Decays $B^0 \rightarrow K^+ \pi^- \mu^+ \tau^-$ and $B^0 \rightarrow K^+ \pi^- \mu^+ \tau^-$ . Physical Review Letters, 2019, 123, 152001.	2.9	48
45	Study of prompt $D^0$ meson production in $pPb$ collisions at $s_{NN} = 5 \sqrt{s} = 5$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	45
46	Noise Optimization of Charge Amplifiers With MOS Input Transistors Operating in Moderate Inversion Region for Short Peaking Times. IEEE Transactions on Nuclear Science, 2007, 54, 555-560.	1.2	44
47	Search for long-lived particles decaying to jet pairs. European Physical Journal C, 2015, 75, 152.	1.4	44
48	Observation of an Excited $B_c^0$ State. Physical Review Letters, 2019, 122, 232001.	2.9	43
49	Asymmetries in $B^0 \rightarrow K^+ K^- \pi^+ \pi^-$ decays. Physical Review Letters, 2018, 121, 222001.	2.9	42
50	Updated search for long-lived particles decaying to jet pairs. European Physical Journal C, 2017, 77, 812.	1.4	41
51	Measurement of Antiproton Production in $pp$ Collisions at $\sqrt{s} = 7$ TeV. Physical Review Letters, 2018, 121, 222001.	2.9	41
52	Study of the kinematic dependences of $\hat{b}^0$ production in $pp$ collisions and a measurement of the $\hat{b}^0 \rightarrow \hat{c}^0 \pi^+ \pi^-$ branching fraction. Journal of High Energy Physics, 2014, 2014, 1.	1.6	39
53	Study of $B_c^0$ Production in Jets. Physical Review Letters, 2017, 118, 192001.	2.9	39
54	Search for beautiful tetraquarks in the $\tilde{\chi}^0(1S) \rightarrow \pi^+ \pi^-$ invariant-mass spectrum. Journal of High Energy Physics, 2018, 2018, 1.	1.6	39

#	ARTICLE	IF	CITATIONS
55	Amplitude Analysis of $B \rightarrow \bar{D}^* \ell^+ \ell^-$ Decays. Physical Review Letters, 2019, 123, 231802.	2.9	38
56	Measurement of the forward-backward asymmetry in $Z \rightarrow \bar{c} c$ decays and determination of the effective weak mixing angle. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37
57	Production of associated $\Upsilon$ 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
58	Search for the doubly charmed baryon $\Xi_{cc}^{++}$ . Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	35
59	Measurement of the $J/\psi$ pair production cross-section in pp collisions at $\sqrt{s} = 13$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	34
60	Angular moments of the decay $B \rightarrow \bar{D}^* \ell^+ \ell^-$ at low hadronic recoil. Journal of High Energy Physics, 2018, 2018, 1.	1.6	34
61	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
62	Measurement of forward $Z \rightarrow e^+ e^-$ production at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	33
63	Precision measurement of the $\Xi_{cc}^{++}$ mass. Journal of High Energy Physics, 2020, 2020, 1.	1.6	33
64	Search for the lepton flavour violating decay $\bar{B} \rightarrow \bar{D}^* \ell^+ \ell^-$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	32
65	Forward instrumentation for ILC detectors. Journal of Instrumentation, 2010, 5, P12002-P12002.	0.5	31
66	Search for Violations of Lorentz Invariance and CPT Symmetry in $B \rightarrow \bar{D}^* \ell^+ \ell^-$ decays. Physical Review Letters, 2019, 123, 231802.	2.9	31
67	Feasibility studies of time-like proton electromagnetic form factors at FAIR. European Physical Journal A, 2016, 52, 1.	1.0	31
68	Test of lepton universality with $B \rightarrow \bar{D}^* \ell^+ \ell^-$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	31
69	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
70	Forward production of $\Upsilon$ mesons in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
71	Angular analysis of the $B \rightarrow \bar{D}^* \ell^+ \ell^-$ decay in the low- $q^2$ region. Journal of High Energy Physics, 2015, 2015, 1.	1.6	30
72	Experimental access to Transition Distribution Amplitudes with the PANDA experiment at FAIR. European Physical Journal A, 2015, 51, 1.	1.0	29

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73	Measurement of the CKM angle $\hat{\beta}^3$ from a combination of LHCb results. Journal of High Energy Physics, 2016, 2016, 1.	1.6	29
74	Near-threshold $\overline{D}^0$ spectroscopy and observation of a new charmonium state. Journal of High Energy Physics, 2019, 2019, 1.	1.6	29
75	First measurement of time-dependent CP violation in $B_{s^0} \rightarrow K^+ K^-$ decays. Journal of High Energy Physics, 2013, 2013, 1.	1.6	28
76	Studies of the resonance structure in $D^0 \rightarrow K^+ \pi^- \pi^+ \pi^- \pi^+ \pi^-$ decays. European Physical Journal C, 2018, 78, 443.	1.4	28
77	Technical design report for the $\overline{P}^0$ Barrel DIRC detector. Journal of Physics C: Nuclear and Particle Physics, 2019, 46, 045001.	1.4	28
78	First Observation of $D^0 \rightarrow \pi^+ \pi^-$ Oscillations. Physical Review Letters, 2017, 118, 111803.	2.9	27
79	Precision resonance energy scans with the PANDA experiment at FAIR. European Physical Journal A, 2019, 55, 1.	1.0	27
80	Search for Higgs-like bosons decaying into long-lived exotic particles. European Physical Journal C, 2016, 76, 664.	1.4	26
81	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
82	Evidence for the Strangeness-Changing Weak Decay $D^0 \rightarrow \pi^+ \pi^-$ . Physical Review Letters, 2017, 118, 111803.	2.9	25
83	Observation of $D^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 111803.	2.9	25
84	Observation of Z production in proton-lead collisions at LHCb. Journal of High Energy Physics, 2014, 2014, 1.	1.6	24
85	Observations of $\hat{b} \rightarrow \hat{c} K^+ K^-$ and $\hat{b} \rightarrow \hat{c} K^+ K^0$ decays and searches for other $\hat{b} \rightarrow \hat{c}$ decays to final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	24
86	Evidence for the Rare Decay $D^0 \rightarrow \pi^+ \pi^-$ . Physical Review Letters, 2018, 120, 221803.	2.9	24
87	Observation of $D^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2019, 122, 152002.	2.9	24
88	Observation of a new baryon state in the $\Lambda_b^0 \rightarrow \pi^+ \pi^-$ mass spectrum. Journal of High Energy Physics, 2020, 2020, 1.	1.6	24
89	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
90	Measurement of the CKM angle $\hat{\beta}^3$ using $B_{\hat{c}}^0 \rightarrow D K^+ K^-$ with $D \rightarrow K^+ K^-$ , $D \rightarrow K^+ K^0$ , $D \rightarrow K^0 K^+$ decays. Journal of High Energy Physics, 2014, 2014, 1.	1.6	22

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91	Study of doubly strange systems using stored antiprotons. Nuclear Physics A, 2016, 954, 323-340.	0.6	22
92	RX64DTH -a fully integrated 64-channel ASIC for a digital X-ray imaging system with energy window selection. IEEE Transactions on Nuclear Science, 2005, 52, 839-846.	1.2	21
93	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
94	Precise measurements of the properties of the $B(5721)^{0,+}$ and $B(5747)^{0,+}$ states and observation of $B_{c1}$ mass structures. Journal of High Energy Physics, 2015, 2015, 1.	1.6	21
95	A precise measurement of the $B^0$ meson oscillation frequency. European Physical Journal C, 2016, 76, 412.	1.4	21
96	Feasibility study for the measurement of transition distribution amplitudes at $B \rightarrow N$ transition. Journal of High Energy Physics, 2017, 2017, 1.	1.6	21
97	Observation of $B \rightarrow D^0 \pi^+ \pi^-$ decays. Physical Review Letters, 2017, 119, 181805.	2.9	21
98	Search for the lepton-flavour violating decays $B^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	21
99	Measurement of the $B(3P)$ mass and of the relative rate of $B(1P)$ and $B(2P)$ production. Journal of High Energy Physics, 2014, 2014, 1.	1.6	20
100	Measurement of the CP Violation Parameter $A^{\prime}$ in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. Physical Review Letters, 2017, 118, 261803.	2.9	20
101	Evidence for the decay $B_s^0 \rightarrow \overline{K}^* \mu^+ \mu^-$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	20
102	Updated measurement of time-dependent CP-violating observables in $B^0 \rightarrow \psi K^+ K^-$ decays. European Physical Journal C, 2019, 79, 1.	1.4	20
103	Resonances and CP violation in $B_s^0 \rightarrow \psi K^+ K^-$ decays in the mass region above the $\psi(1020)$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	19
104	Performance of the ATLAS detector using first collision data. Journal of High Energy Physics, 2010, 2010, 1.	1.6	18
105	Measurement of forward $W^+ e^{1/2}$ production in pp collisions at $\sqrt{s} = 8$ TeV. Journal of High Energy Physics, 2016, 2016, 1.	1.6	18
106	$\chi_{c1}$ and $\chi_{c2}$ Resonance Parameters with the Decays $B \rightarrow \chi_{c1,2} \pi$ . Physical Review Letters, 2017, 119, 221801.	1.6	18
107	Search for Lepton-Flavor Violating Decays $B \rightarrow \tau^+ K^+ \mu^- e^+$ . Physical Review Letters, 2019, 123, 241802.	2.9	18
108	Search for the decay $B_s^0 \rightarrow \overline{D}^* \pi^0(980)$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	17

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109	Observation of $\bar{b} \rightarrow b \ell^+ \ell^- (2S) p \bar{K}^0$ and $\bar{b} \rightarrow b \ell^+ \ell^- \bar{K}^0$ decays and a measurement of the $\bar{b} \rightarrow b \ell^+ \ell^-$ baryon form factors. Journal of High Energy Physics, 2016, 2016, 1.	1.6	17
110	Study of charmonium production in $B \rightarrow B \ell^+ \ell^-$ hadron decays and first evidence for the decay $B \rightarrow B \ell^+ \ell^- \ell^+ \ell^-$ . European Physical Journal C, 2017, 77, 609.	1.4	17
111	Improved limit on the branching fraction of the rare decay $B \rightarrow \mu^+ \mu^- K^0$ . European Physical Journal C, 2017, 77, 678.	1.4	17
112	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
113	Evidence for the decay $B \rightarrow \mu^+ \mu^- \psi(3770)$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	16
114	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
115	Study of $\bar{\psi}$ production in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	16
116	Measurement of CP violation parameters and polarisation fractions in $B \rightarrow J/\psi K^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	15
117	Differential branching fraction and angular moments analysis of the decay $B \rightarrow K^* K^0$ in the $K^0(1430)$ region. Journal of High Energy Physics, 2016, 2016, 1.	1.6	15
118	Measurement of $B \rightarrow D^* K^0$ and $B \rightarrow D^* K^0$ decays. Physical Review Letters, 2017, 119, 101801.	2.9	15
119	Observation of the suppressed decay $\bar{b} \rightarrow b \ell^+ \ell^- \bar{K}^0$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	15
120	First Observation of the Rare Purely Baryonic Decay $B \rightarrow p \bar{K}^0$ . Physical Review Letters, 2017, 119, 232001.	2.9	15
121	Search for excited $B_c^+$ states. Journal of High Energy Physics, 2018, 2018, 1.	1.6	15
122	Search for heavy neutral leptons in $W \rightarrow \mu^+ \mu^-$ decays. European Physical Journal C, 2021, 81, 1.	1.4	15
123	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
124	Study of $\bar{\psi}(2S)$ 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
125	Measurement of the CKM angle $\hat{\beta}$ using $B_{\pm} \rightarrow D K_{\pm}^*$ with $D \rightarrow K^0 \pi^0, K^0 \pi^+$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	14
126	Amplitude Analysis of the Decay $B \rightarrow K^* K^0$ and First Observation of the CP Asymmetry in $B \rightarrow K^* K^0$ . Physical Review Letters, 2018, 120, 261801.	2.9	14



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127	Prompt $b+c$ production in pPb collisions at $\sqrt{s_{\mathrm{NN}}}=5.02$ TeV. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
128	Search for CP violation in $\chi_{c1}^0 \rightarrow p \bar{K}^0 \pi^+$ decays using model-independent techniques. European Physical Journal C, 2020, 80, 1.	1.4	14
129	Search for lepton flavour violation in the $e\tau$ continuum with the ATLAS detector in $\sqrt{s} = 7-13$ TeV pp collisions at the LHC. European Physical Journal C, 2012, 72, 2040.	1.4	13
130	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^+ K^- S^0$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
131	Measurement of the ratio of branching fractions $\mathcal{B}(D^0 \rightarrow K^+ K^-) / \mathcal{B}(D^0 \rightarrow K^+ K^0)$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
132	Study of $D_{s1}^0$ mesons decaying to $D^0 K^+ K^-$ and $D^0 K^+ K^0$ final states. Journal of High Energy Physics, 2016, 2016, 1.	1.6	13
133	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
134	Measurement of $\Upsilon'$ production in pp collisions at $\sqrt{s}=13$ TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
135	Search for the lepton flavour violating decay $B \rightarrow K^+ \tau^+ \nu_\tau$ using $B \rightarrow K^+ \tau^+ \nu_\tau$ decays. Journal of High Energy Physics, 2020, 2020, 1.	1.6	13
136	Measurement of CP asymmetries and polarisation fractions in $B_s^0 \rightarrow K^+ K^- K^+ K^-$ decays. Journal of High Energy Physics, 2015, 2015, 1.	1.6	12
137	A new algorithm for identifying the flavour of $B^0$ mesons at LHCb. Journal of Instrumentation, 2016, 11, P05010-P05010.	0.5	12
138	Measurement of $C \rightarrow P$ violation in $B \rightarrow D^0 K^+ K^-$ decays. Physical Review Letters, 2016, 117, 261801.	2.9	12
139	Development of a dedicated front-end electronics for straw tube trackers in the PANDA experiment. Journal of Instrumentation, 2016, 11, P08009-P08009.	0.5	12
140	SALT, a dedicated readout chip for high precision tracking silicon strip detectors at the LHCb Upgrade. Journal of Instrumentation, 2016, 11, C02028-C02028.	0.5	12
141	Search for decays of neutral beauty mesons into four muons. Journal of High Energy Physics, 2017, 2017, 1.	1.6	12
142	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. Journal of High Energy Physics, 2018, 2018, 1.	1.6	12
143	Amplitude analysis of $B^0 \rightarrow K^+ K^- K^+ K^-$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	12
144	Performance of fully instrumented detector planes of the forward calorimeter of a Linear Collider detector. Journal of Instrumentation, 2015, 10, P05009-P05009.	0.5	11

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145	Measurement of the $B_s^0 \rightarrow \mu^+ \mu^-$ branching fraction and search for the decay $B^0 \rightarrow \mu^+ \mu^-$ . Journal of High Energy Physics, 2015, 2015, 1.	1.6	11
146	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
147	A fast, ultra-low and frequency-scalable power consumption, 10-bit SAR ADC for particle physics detectors. Journal of Instrumentation, 2015, 10, P11012-P11012.	0.5	11
148	New algorithms for identifying the flavour of $B^0$ mesons using pions and protons. European Physical Journal C, 2017, 77, 238.	1.4	11
149	First measurement of the CP-violating phase $\phi_{s^{\overline{d}}}$ in $B^0 \rightarrow (K^+ \pi^+)(K^+ \pi^-)$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
150	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \rho^+ \rho^- K^+ K^-$ , $B^0 \rightarrow \rho^+ \rho^- K^+ K^+$ and $B^0 \rightarrow \rho^+ \rho^- K^+ K^0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	11
151	First observation of $B^+ \rightarrow D^+ s^+ K^+ K^-$ decays and a search for $B^+ \rightarrow D^+ s^+ \mu^+$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.8	11
152	Amplitude analysis of the $B_{(s)}^0 \rightarrow K^{\ast 0} \overline{K}^{\ast 0}$ decays and measurement of the branching fraction of the $B^0 \rightarrow K^{\ast 0} \overline{K}^{\ast 0}$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
153	Measurements of CP asymmetries in charmless four-body $\Lambda_b^0$ and $\Xi_b^0$ decays. European Physical Journal C, 2019, 79, 1.	1.4	11
154	Search for the rare decay $B^+ \rightarrow \mu^+ \mu^- \mu^+ \mu^-$ . European Physical Journal C, 2019, 79, 1.	1.4	11
155	A search for $\Xi_{cc}^{++} \rightarrow D^+ p K^+ \pi^+$ decays. Journal of High Energy Physics, 2019, 2019, 1.	1.6	11
156	Measurement of the $\Lambda_b^0$ angular distribution and the $\Lambda_b^0$ polarisation in pp collisions. Journal of High Energy Physics, 2020, 2020, 1.	1.6	11
157	Design of low noise charge amplifier in sub-micron technology for fast shaping time. Analog Integrated Circuits and Signal Processing, 2006, 49, 107-114.	0.9	10
158	Development of front-end electronics for the luminosity detector at ILC. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 608, 169-174.	0.7	10
159	Measurement results of DIPIX pixel sensor developed in SOI technology. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2013, 718, 274-278.	0.7	10
160	Evidence for the two-body charmless baryonic decay $B^+ \rightarrow p \Lambda^-$ . Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
161	Study of $b\overline{b}$ correlations in high energy proton-proton collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
162	Search for a dimuon resonance in the $J/\psi$ mass region. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10

#	ARTICLE	IF	CITATIONS
163	Test-beam results of a SOI pixel-detector prototype. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 901, 173-179.	0.7	10
164	Measurement of branching fractions of charmless four-body $\hat{b} \rightarrow b 0$ and $\hat{b} \rightarrow \bar{b} 0$ decays. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
165	Dalitz plot analysis of the $D^+ \rightarrow \hat{K}^+ K^+ K^+$ decay. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
166	Measurement of Charged Hadron Production in $Z \rightarrow$ Tagged Jets in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV. Physical Review Letters, 2019, 123, 232001.	2.9	10
167	Search for the doubly charmed baryon $\hat{\Sigma}^{++}$ . Science China: Physics, Mechanics and Astronomy, 2021, 64, 1.	2.0	10
168	First observations of the rare decays $B \rightarrow \hat{K}^+ K^+ \bar{K}^0 + \bar{K}^0 \hat{K}^+ K^+$ and $B \rightarrow \hat{K}^+ \bar{K}^0 K^+ + \bar{K}^0 \hat{K}^+ K^+$ . Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
169	Search for the $\hat{b} \rightarrow b 0 \hat{K}^+ \hat{K}^0$ and $\hat{b} \rightarrow b 0 \hat{K}^+ \hat{K}^+$ decays with the LHCb detector. Journal of High Energy Physics, 2015, 2015, 1.	1.6	9
170	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
171	Model-independent measurement of the CKM angle $\hat{\beta}^3$ using $B^0 \rightarrow DK^+ K^-$ decays with $D \rightarrow K^+ K^- \bar{K}^0 + \bar{K}^0 K^+ K^0$ . Journal of High Energy Physics, 2016, 2016, 1.	1.6	9
172	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at $\sqrt{s} = 7$ TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
173	Measurement of the $\Upsilon(nS)$ polarizations in pp collisions at $\sqrt{s} = 7$ and 8 TeV. Journal of High Energy Physics, 2017, 2017, 1.	1.6	9
174	Search for lepton-flavour-violating decays of Higgs-like bosons. European Physical Journal C, 2018, 78, 1008.	1.4	9
175	Pressure stabilized straw tube modules for the PANDA Forward Tracker. Journal of Instrumentation, 2018, 13, P06009-P06009.	0.5	9
176	Search for CP Violation in $D_s \rightarrow \hat{K}^0 \bar{K}^0 \bar{K}^0$ , $D \rightarrow \hat{K}^0 K^0 K^+$ , and $D \rightarrow \hat{K}^0 \bar{K}^0 K^+$ Decays. Physical Review Letters, 2019, 122, 191803.	2.9	9
177	Measurement of $B \rightarrow T_j \bar{K}^0 K^0$ decays. Physical Review Letters, 2019, 123, 232001.	2.9	9
178	Search for long-lived particles decaying to $e^+ \mu^- p$ or $e^- \mu^+ p$ . European Physical Journal C, 2021, 81, 1.	1.4	9
179	A 10-bit Low-Power Small-Area High-Swing CMOS DAC. IEEE Transactions on Nuclear Science, 2010, 57, 292-299.	1.2	8
180	Observation of the $B \rightarrow \hat{K}^0 \bar{K}^0 \bar{K}^0$ decay. Journal of High Energy Physics, 2016, 2016, 1.	1.6	8

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181	Design of the forward straw tube tracker for the PANDA experiment. Journal of Instrumentation, 2017, 12, C06032-C06032.	0.5	8
182	Measurement of shower development and its Molière radius with a four-plane LumiCal test set-up. European Physical Journal C, 2018, 78, 1.	1.4	8
183	Observation of the decay $\hat{1}0b\hat{a}\epsilon\hat{t}\hat{a}\epsilon\hat{i}(2S)\pi\hat{e}$ . Journal of High Energy Physics, 2018, 2018, 1.	1.6	8
184	Performance and Molière radius measurements using a compact prototype of LumiCal in an electron test beam. European Physical Journal C, 2019, 79, 1.	1.4	8
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