

# Marek Idzik

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

245  
papers

5,948  
citations

35  
h-index

68  
g-index

275  
ext. papers

7,580  
ext. citations

4.8  
avg. IF

4.3  
L-index

#	Paper	IF	Citations
245	HGCROC3: the front-end readout ASIC for the CMS High Granularity Calorimeter. <i>Journal of Instrumentation</i> , <b>2022</b> , 17, C03015	1	0
244	First measurement of the (C)P-violating phase in $(B^0 \rightarrow J/\psi) (e^+e^-)(\phi)$ decays. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	0
243	Search for heavy neutral leptons in $(W^+ \rightarrow \mu^+ \mu^{\pm p})$ , text {jet} decays. <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
242	The potential of $(\Lambda)$ and $(\Lambda^-)$ studies with PANDA at FAIR. <i>European Physical Journal A</i> , <b>2021</b> , 57, 1	2.5	2
241	High spatial resolution monolithic pixel detector in SOI technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2021</b> , 988, 164897	1.2	1
240	Search for long-lived particles decaying to $(e^{\pm p}) (mu^{\pm p}) (nu)$ . <i>European Physical Journal C</i> , <b>2021</b> , 81, 1	4.2	3
239	Search for the doubly charmed baryon $\Xi_{cc}$ . <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2021</b> , 64, 1	3.6	0
238	Conceptual design report for the LUXE experiment. <i>European Physical Journal: Special Topics</i> , <b>2021</b> , 230, 2445	2.3	14
237	Feasibility studies for the measurement of time-like proton electromagnetic form factors from $(\bar{p}p \rightarrow \mu^+ \mu^-)$ at $(\overline{\text{text {P}}}\text{text {ANDA}})$ at FAIR. <i>European Physical Journal A</i> , <b>2021</b> , 57, 1	2.5	3
236	Test of lepton universality with $(\Lambda_b^0 \rightarrow p K^{\pm} \ell^+ \ell^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	12
235	Measurement of the $(\Lambda_b^0)$ - $f_J/\bar{\Lambda}$ angular distribution and the $(\Lambda_b^0)$ polarisation in $pp$ collisions. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
234	Measurement of CP observables in $B_{\bar{D}} \rightarrow D K_{\bar{D}}$ and $B_{\bar{D}} \rightarrow D D$ with $D \rightarrow (K_{\bar{S}}^0 K^{\pm p}) \pi^{\pm p}$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	2
233	Precision measurement of the $(\chi_{cc}^{++})$ mass. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	11
232	Measurement of the $(\eta_c) (1S)$ production cross-section in $(p) (p)$ collisions at $(\sqrt{s} = 13)$ ( $\text{TeV}$ ). <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	9
231	Search for CP violation in $(\chi^+ \rightarrow p K^{\pm} \pi^+)$ decays using model-independent techniques. <i>European Physical Journal C</i> , <b>2020</b> , 80, 1	4.2	7
230	Observation of the semileptonic decay $(B^+ \rightarrow \bar{p} \mu^+ \nu_{\mu})$ . <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020,	5.4	1
229	Measurement of CP violation in $B^0 \rightarrow D^* D^0$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	0

228	HGCROC-Si and HGCROC-SiPM: the front-end readout ASICs for the CMS HGCAL <b>2020</b> ,		1
227	Search for the lepton flavour violating decay $B^+ \rightarrow K^+ \mu^+ \nu$ using $(B_{s2}^0)$ decays. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	8
226	Observation of a new baryon state in the $(\Lambda_{\text{b}}^0 \pi^+ \pi^-)$ mass spectrum. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	7
225	Search for the doubly charmed baryon $(\Xi_{\text{cc}}^+)$ . <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2020</b> , 63, 1	3.6	13
224	Precision measurement of the $(B_c^+)$ meson mass. <i>Journal of High Energy Physics</i> , <b>2020</b> , 2020, 1	5.4	1
223	Isospin Amplitudes in $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2020</b> , 124, 111802	7.4	2
222	Measurement of CP observables in the process $B^0 \rightarrow DK^0$ with two- and four-body D decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
221	Search for the rare decay $(B^+ \rightarrow \mu^+ \mu^- \mu^+ \nu_\mu)$ . <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	8
220	Observation of the $(\Lambda_{\text{b}}^0 \rightarrow \chi_{\text{c}1})$ (3872) pK decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
219	Search for CP Violation in $D_{s1}^+ \rightarrow K_S^0 \pi^+$ , $D^+ \rightarrow K_S^0 K^+$ , and $D^+ \rightarrow \pi^+ \pi^0$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191803	7.4	2
218	Observation of $B_{\text{s}}^0 \rightarrow \pi^0 \pi^0$ Decays and Precision Measurements of the $B_{\text{s}}^0$ Masses. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191804	7.4	4
217	Observation of CP Violation in Charm Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 211803	7.4	51
216	Observation of a Narrow Pentaquark State, $P_{\text{c}}(4312)^+$ , and of the Two-Peak Structure of the $P_{\text{c}}(4450)^+$ . <i>Physical Review Letters</i> , <b>2019</b> , 122, 222001	7.4	199
215	Observation of an Excited $B_{\text{c}}^+$ State. <i>Physical Review Letters</i> , <b>2019</b> , 122, 232001	7.4	18
214	Search for Lepton-Universality Violation in $B^+ \rightarrow K^+ \mu^+ \mu^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 191801	7.4	137
213	Observation of the doubly Cabibbo-suppressed decay $B^+ \rightarrow c^- \bar{p}$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
212	Model-Independent Observation of Exotic Contributions to $B^0 \rightarrow K^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 122, 152002	7.4	13
211	Search for CP violation through an amplitude analysis of $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2

210	First Measurement of Charm Production in its Fixed-Target Configuration at the LHC. <i>Physical Review Letters</i> , <b>2019</b> , 122, 132002	7.4	17
209	Precision resonance energy scans with the PANDA experiment at FAIR. <i>European Physical Journal A</i> , <b>2019</b> , 55, 1	2.5	21
208	Study of the $B_0 \rightarrow \rho^0 K^*(892)^0$ decay with an amplitude analysis of $B_0 \rightarrow \rho^0(K^+ \pi^-)$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	2
207	Measurement of the ratio of branching fractions of the decays $B_0 \rightarrow \rho^0 \pi^0$ and $B_0 \rightarrow \rho^0 \pi^+$ . <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	1
206	Dalitz plot analysis of the $D^+ \rightarrow \rho^0 K^+ K^0$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	4
205	Performance and Molière radius measurements using a compact prototype of LumiCal in an electron test beam. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	4
204	Amplitude analysis of $B_0 \rightarrow \rho^0 \pi^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
203	Measurement of the branching fraction and (CP) asymmetry in $(\{B^+\} \rightarrow \{J/\psi\} \{\rho^+\})$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	1
202	Measurement of the Mass Difference Between Neutral Charm-Meson Eigenstates. <i>Physical Review Letters</i> , <b>2019</b> , 122, 231802	7.4	39
201	Near-threshold $(\overline{D} \overline{D})$ spectroscopy and observation of a new charmonium state. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	16
200	Amplitude analysis of the $(B_{(s)}^0 \rightarrow K^{*0} \overline{K}^{*0})$ decays and measurement of the branching fraction of the $(B^0 \rightarrow K^{*0} \overline{K}^{*0})$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	3
199	Observation of New Resonances in the $\{b^0\} \rightarrow \{\pi^+\pi^-\}$ System. <i>Physical Review Letters</i> , <b>2019</b> , 123, 152001	7.4	22
198	Updated measurement of time-dependent (CP)-violating observables in $(\{B^0_{(s)}\} \rightarrow J/\psi K^+ K^-)$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	7
197	Measurements of CP asymmetries in charmless four-body $(\{\varLambda_b^0\})$ and $(\{\Xi_b^0\})$ decays. <i>European Physical Journal C</i> , <b>2019</b> , 79, 1	4.2	6
196	Prompt $\overline{D}^0$ production in pPb collisions at $(\sqrt{s_{\text{NN}}}=5.02)$ TeV. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	10
195	Measurement of the electron reconstruction efficiency at LHCb. <i>Journal of Instrumentation</i> , <b>2019</b> , 14, P11023-P11023	1	3
194	A search for $(\{\chi_{\text{cc}}^{++}\}) \rightarrow p K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	5
193	Measurement of CP violation in the $(B_{(s)}^0 \rightarrow \pi^0 \pi^0)$ decay and search for the $B_0 \rightarrow \rho^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2019</b> , 2019, 1	5.4	0

192	Search for the Lepton-Flavor-Violating Decays $B_{s^0} \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ and $B^0 \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 211801	7.4	13
191	Search for Lepton-Flavor Violating Decays $B^+ \rightarrow K^+ \mu^+ \mu^- e^+$ . <i>Physical Review Letters</i> , <b>2019</b> , 123, 241802	7.4	8
190	Amplitude Analysis of $B^0 \rightarrow \mu^+ \mu^- K^+ K^-$ Decays. <i>Physical Review Letters</i> , <b>2019</b> , 123, 231802	7.4	14
189	Measurement of Charged Hadron Production in Z-Tagged Jets in Proton-Proton Collisions at $\sqrt{s}=8$ TeV. <i>Physical Review Letters</i> , <b>2019</b> , 123, 232001	7.4	3
188	Technical design report for the $\overline{\text{P}}\text{ANDA}$ Barrel DIRC detector. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2019</b> , 46, 045001	2.9	17
187	Readout Electronics and Data Acquisition for Gaseous Tracking Detectors. <i>IEEE Transactions on Nuclear Science</i> , <b>2018</b> , 65, 821-827	1.7	2
186	Search for excited $B + c$ states. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13
185	Measurement of shower development and its Molière radius with a four-plane LumiCal test set-up. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1	4.2	5
184	Measurement of CP asymmetry in $B^0 \rightarrow \mu^+ \mu^- K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
183	Search for the lepton-flavour violating decays $B^0 \rightarrow \mu^+ \mu^- \nu \bar{\nu}$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
182	First measurement of the CP-violating phase ( $\phi_s^{\text{doverline{d}}}$ ) in $B^0 \rightarrow \mu^+ \mu^- K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
181	Measurement of the Ratio of the $B^0 \rightarrow D^{*-} \mu^+ \nu$ and $B^0 \rightarrow D^{*-} \mu^+ \nu$ Branching Fractions Using Three-Prong Lepton Decays. <i>Physical Review Letters</i> , <b>2018</b> , 120, 171802	7.4	126
180	Measurement of the Ratio of Branching Fractions $B(B_{c^+} \rightarrow \mu^+ \nu) / B(B_{c^+} \rightarrow \mu^+ \nu)$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 121801	7.4	109
179	Pressure stabilized straw tube modules for the PANDA Forward Tracker. <i>Journal of Instrumentation</i> , <b>2018</b> , 13, P06009-P06009	1	5
178	Test-beam results of a SOI pixel-detector prototype. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2018</b> , 901, 173-179 <sup>1.2</sup>	1.2	7
177	Measurement of branching fractions of charmless four-body $B \rightarrow b$ and $B \rightarrow b$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
176	Evidence for the Rare Decay $B^+ \rightarrow \mu^+ \mu^- \nu$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 221803	7.4	8
175	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S K^0 S$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4

174	Study of $\tau$ production in pPb collisions at $(\sqrt{s_{\mathrm{NN}}}=8.16)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	8
173	Search for beautiful tetraquarks in the $\tau(1S)$ invariant-mass spectrum. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	21
172	<b>2018</b> ,		2
171	Search for lepton-flavour-violating decays of Higgs-like bosons. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1008	4-2	3
170	Evidence for an resonance in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 1019	4-2	26
169	Measurement of Antiproton Production in p-He Collisions at $\sqrt{s_{\mathrm{NN}}}=110$ GeV. <i>Physical Review Letters</i> , <b>2018</b> , 121, 222001	7-4	22
168	Measurement of the inelastic pp cross-section at a centre-of-mass energy of 13 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	12
167	Measurement of $\tau$ production in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	6
166	Measurement of forward top pair production in the dilepton channel in pp collisions at $(\sqrt{s}=13)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	4
165	Observation of the decay $(\overline{B}_s^0 \rightarrow \chi_{c2} K^+ K^-)$ in the $\tau$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	0
164	Search for a dimuon resonance in the $\tau$ mass region. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	7
163	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 443	4-2	11
162	Angular moments of the decay $D^0 \rightarrow b \rightarrow \mu^+ \mu^-$ at low hadronic recoil. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	17
161	Measurement of $Z \rightarrow \mu^+ \mu^-$ production in proton-proton collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	2
160	First Observation of the Doubly Charmed Baryon Decay $\Xi_{cc}^{++} \rightarrow \Xi_c^+ \mu^+$ . <i>Physical Review Letters</i> , <b>2018</b> , 121, 162002	7-4	54
159	Measurement of the CKM angle $\Gamma$ using $B \rightarrow \mu^+ \mu^- K$ with $D \rightarrow \mu^+ \mu^- K$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	9
158	Measurement of $D^0$ production asymmetry in pp collisions at $(\sqrt{s}=7)$ and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	4
157	Evidence for the decay $(B_S^0 \rightarrow \overline{K}^* \mu^+ \mu^-)$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	15

156	Observation of the decay $B^0 \rightarrow \pi^0 \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	5
155	Measurement of the CP asymmetry in $B^0 \rightarrow D^0$ and $B^0 \rightarrow D^0 D^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	1
154	Search for CP violation using triple product asymmetries in $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	7
153	First observation of $B^+ \rightarrow \pi^0 K^+ K^0$ decays and a search for $B^+ \rightarrow \pi^0 K^+ K^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	6
152	Measurement of CP violation in $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5-4	2
151	Amplitude Analysis of the Decay $B^0 \rightarrow \pi^0 K^+ K^-$ and First Observation of the CP Asymmetry in $B^0 \rightarrow \pi^0 K^+ K^-$ . <i>Physical Review Letters</i> , <b>2018</b> , 120, 261801	7-4	7
150	Measurement of matter-antimatter differences in beauty baryon decays. <i>Nature Physics</i> , <b>2017</b> , 13, 391-396	6-2	45
149	Performance of the INTPIX6 SOI pixel detector. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, C01028-C01028	1	4
148	Measurement of the phase difference between short- and long-distance amplitudes in the $B^0 \rightarrow \pi^0 \pi^0$ decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4-2	25
147	Study of the $D^0 \rightarrow \pi^0 \pi^0$ amplitude in $B^0 \rightarrow \pi^0 \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	33
146	Search for massive long-lived particles decaying semileptonically in the LHCb detector. <i>European Physical Journal C</i> , <b>2017</b> , 77, 224	4-2	35
145	Study of prompt $D^0$ meson production in pPb collisions at $\sqrt{s_{NN}} = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	27
144	Study of charmonium production in $\pi$ -hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 609	4-2	10
143	Improved limit on the branching fraction of the rare decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 678	4-2	7
142	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^0 \rightarrow \pi^0 \pi^0$ and $B^0 \rightarrow \pi^0 \pi^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	2
141	Search for the $B^0 \rightarrow \pi^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5-4	1
140	Measurement of $B_{s^0}$ and $D_{s^0}$ Meson Lifetimes. <i>Physical Review Letters</i> , <b>2017</b> , 119, 101801	7-4	10
139	Observation of the Doubly Charmed Baryon $\Xi_{cc}^{++}$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 112001	7-4	257

138	Measurement of the CP Violation Parameter $A_{\text{FB}}^{\text{CP}}$ in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 261803	7.4	11
137	Observation of $B_{\text{c}}^+ \rightarrow \bar{D}^0 K^+$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 111803	7.4	13
136	Observation of Five New Narrow $\chi_{\text{c}}^0$ States Decaying to $\chi_{\text{c}}^+ K^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 182001	7.4	154
135	Measurement of the $B_{\text{s}}^0 \rightarrow \pi^+ \pi^-$ Branching Fraction and Effective Lifetime and Search for $B^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2017</b> , 118, 191801	7.4	106
134	Study of $J/\psi$ Production in Jets. <i>Physical Review Letters</i> , <b>2017</b> , 118, 192001	7.4	20
133	Feasibility study for the measurement of $\mathcal{B}$ transition distribution amplitudes at PANDA in $p\bar{p} \rightarrow \mathcal{B}$ . <i>Physical Review D</i> , <b>2017</b> , 95,	4.9	12
132	Search for the Decays $B_{\text{s}}^0 \rightarrow \pi^+ \pi^-$ and $B^0 \rightarrow \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 118, 251802	7.4	40
131	Observation of the suppressed decay $D^0 \rightarrow b \rightarrow \bar{c} \pi^+ \pi^-$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
130	Test of lepton universality with $B^0 \rightarrow K^* \ell^+ \ell^-$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	298
129	$\chi_{\text{c}1}$ and $\chi_{\text{c}2}$ Resonance Parameters with the Decays $\chi_{\text{c}1,2} \rightarrow \pi^+ \pi^-$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 221801	7.4	8
128	Observation of $D^0$ Meson Decays to $\pi^+ \pi^- \pi^+ \pi^-$ and $K^+ K^- \pi^+ \pi^-$ Final States. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181805	7.4	14
127	Search for Baryon-Number Violating $\Delta B = 1$ Oscillations. <i>Physical Review Letters</i> , <b>2017</b> , 119, 181807	7.4	1
126	Measurement of the $J/\psi$ pair production cross-section in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	25
125	New algorithms for identifying the flavour of [Formula: see text] mesons using pions and protons. <i>European Physical Journal C</i> , <b>2017</b> , 77, 238	4.2	4
124	Evidence for the two-body charmless baryonic decay ( $\Lambda_b^+ \rightarrow \bar{\Lambda}^0$ ). <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
123	First Observation of the Rare Purely Baryonic Decay $B^0 \rightarrow \bar{p} p$ . <i>Physical Review Letters</i> , <b>2017</b> , 119, 232001	7.4	4
122	Resonances and CP violation in $B^0 \rightarrow J/\psi K^+ K^-$ and ( $\bar{B}^0 \rightarrow J/\psi K^+ K^-$ ) decays in the mass region above the $\psi(1020)$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	13
121	Study of ( $\bar{b} b$ ) correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	5



120	Measurement of CP observables in $B_{\pm} \rightarrow fDK^{\pm}$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
119	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2017</b> , 77, 812	4.2	23
118	Search for decays of neutral beauty mesons into four muons. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	7
117	8-channel prototype of SALT readout ASIC for Upstream Tracker in the upgraded LHCb experiment. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, C02007-C02007	1	0
116	Higgs physics at the CLIC electron-positron linear collider. <i>European Physical Journal C</i> , <b>2017</b> , 77, 475	4.2	76
115	Bose-Einstein correlations of same-sign charged pions in the forward region in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	3
114	Measurement of the $Y(nS)$ polarizations in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	6
113	Design of the forward straw tube tracker for the PANDA experiment. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, C06032-C06032	1	8
112	First Observation of $D^0$ - $D^0$ Oscillations in $D^0 \rightarrow K^+ K^- \pi^+ \pi^-$ Decays and Measurement of the Associated Coherence Parameters. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241801	7.4	16
111	Observation of $B_{\pm} \rightarrow \bar{D}^0 K_{\pm}^0$ and Evidence for $B_{\pm} \rightarrow \bar{D}^0 K_{\pm}^*$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 161802	7.4	5
110	Measurement of the Difference of Time-Integrated CP Asymmetries in $D^0 \rightarrow K^+ K^-$ and $D^0 \rightarrow \pi^+ \pi^-$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 116, 191601	7.4	25
109	Search for Violations of Lorentz Invariance and CPT Symmetry in $B_{\pm}^0$ Mixing. <i>Physical Review Letters</i> , <b>2016</b> , 116, 241601	7.4	22
108	Search for Structure in the $B_{\pm}^0 \pi^{\pm}$ Invariant Mass Spectrum. <i>Physical Review Letters</i> , <b>2016</b> , 117, 152003	7.4	64
107	Differential branching fraction and angular moments analysis of the decay $B^0 \rightarrow K^+ K^- \pi^0$ in the $K^*0,2(1430)^0$ region. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	11
106	Development of a dedicated front-end electronics for straw tube trackers in the PANDA experiment. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P08009-P08009	1	8
105	Feasibility studies of time-like proton electromagnetic form factors at (overline{rm P})ANDA at FAIR. <i>European Physical Journal A</i> , <b>2016</b> , 52, 1	2.5	22
104	Study of $D^*(*) \rightarrow sJ$ mesons decaying to $D^* + K^0 S$ and $D^*0 K^+ +$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
103	Study of $\rho(2S)$ production and cold nuclear matter effects in pPb collisions at ( $\sqrt{s_{NN}}=5$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	10

102	Measurements of prompt charm production cross-sections in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	65
101	First observation of the decay $B^0 \rightarrow \rho^0 K^*(892)^0$ at LHCb. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	3
100	Observation of the $B^0 \rightarrow \rho^0 \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	7
99	Measurements of the performance of a beam condition monitor prototype in a 5 GeV electron beam. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 826, 65-71	1.2	1
98	SALT, a dedicated readout chip for high precision tracking silicon strip detectors at the LHCb Upgrade. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, C02028-C02028	1	9
97	Development of a low power Delay-Locked Loop in two 130 nm CMOS technologies. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, C02027-C02027	1	2
96	Angular analysis of the $B^0 \rightarrow \rho^0 \pi^0 \pi^0$ decay using 3 fb <sup>-1</sup> of integrated luminosity. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	232
95	A precise measurement of the [Formula: see text] meson oscillation frequency. <i>European Physical Journal C</i> , <b>2016</b> , 76, 412	4-2	6
94	Search for Higgs-like bosons decaying into long-lived exotic particles. <i>European Physical Journal C</i> , <b>2016</b> , 76, 664	4-2	16
93	Observations of $B^0 \rightarrow \rho^0 \pi^0$ and $B^0 \rightarrow \rho^0 K^0$ decays and searches for other $B^0$ and $B^0$ decays to $B^0 + h^0$ final states. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	17
92	Measurement of forward W and Z boson production in association with jets in proton-proton collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	8
91	Observation of $B^0 \rightarrow \rho^0 \pi^0$ and $B^0 \rightarrow \rho^0 K^0$ decays and a measurement of the $B^0$ baryon mass. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	15
90	Production of associated Y and open charm hadrons in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV via double parton scattering. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	25
89	Measurement of the forward Z boson production cross-section in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	13
88	Measurement of the ratio of branching fractions ( $\frac{\mathcal{B}(B^0 \rightarrow \rho^0 \pi^0)}{\mathcal{B}(B^0 \rightarrow \rho^0 K^0)}$ ). <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	5
87	Measurement of forward W production in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	8
86	Measurement of the CKM angle $\Gamma$ from a combination of LHCb results. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	23
85	Measurements of the S-wave fraction in $B^0 \rightarrow \rho^0 \pi^0$ decays and the $B^0 \rightarrow \rho^0 K^0$ differential branching fraction. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5-4	48

84	A new algorithm for identifying the flavour of $B_0$ mesons at LHCb. <i>Journal of Instrumentation</i> , <b>2016</b> , 11, P05010-P05010	1	10
83	Measurement of CP Violation in $B^0 \rightarrow D^+ D^-$ Decays. <i>Physical Review Letters</i> , <b>2016</b> , 117, 261801	7.4	6
82	Model-independent measurement of the CKM angle $\gamma$ using $B_0 \rightarrow DK^0$ decays with $D \rightarrow K^0 S^{\pm}$ and $K^0 S^{\pm} K^0$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
81	Study of doubly strange systems using stored antiprotons. <i>Nuclear Physics A</i> , <b>2016</b> , 954, 323-340	1.3	11
80	Ultra-Low Power Fast Multi-Channel 10-Bit ADC ASIC for Readout of Particle Physics Detectors. <i>IEEE Transactions on Nuclear Science</i> , <b>2016</b> , 63, 2622-2631	1.7	4
79	Determination of the quark coupling strength $ V_{ub} $ using baryonic decays. <i>Nature Physics</i> , <b>2015</b> , 11, 743-747	7.4	79
78	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2015</b> , 75, 152	4.2	26
77	Measurement of the Z+b-jet cross-section in pp collisions at $(\sqrt{s}) = 7$ TeV in the forward region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	7
76	Search for the lepton flavour violating decay $B \rightarrow \mu \tau$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
75	Precise measurements of the properties of the $B(5721)^{0,+}$ and $B^*(5747)^{0,+}$ states and observation of $B_{c,0}$ mass structures. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	14
74	Measurement of the $[B \rightarrow \mu \tau]$ production cross-section in proton-proton collisions via the decay $[B \rightarrow \mu \tau]$ . <i>European Physical Journal C</i> , <b>2015</b> , 75, 311	4.2	41
73	Experimental access to Transition Distribution Amplitudes with the PANDA experiment at FAIR. <i>European Physical Journal A</i> , <b>2015</b> , 51, 1	2.5	21
72	Characterization of high resolution CMOS monolithic active pixel detector in SOI technology. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P05010-P05010	1	3
71	Evidence for the Strangeness-Changing Weak Decay $B^0 \rightarrow D^+ D^-$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 241801	7.4	14
70	Measurement of the ratio of branching fractions $B(B \rightarrow D^+ D^-) / B(B \rightarrow D^0 D^0)$ . <i>Physical Review Letters</i> , <b>2015</b> , 115, 111803	7.4	316
69	Search for Hidden-Sector Bosons in $B(0) \rightarrow K^*(0) \tau^+ \tau^-$ Decays. <i>Physical Review Letters</i> , <b>2015</b> , 115, 161802	7.4	65
68	Performance of fully instrumented detector planes of the forward calorimeter of a Linear Collider detector. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P05009-P05009	1	7
67	Measurement of CP asymmetries and polarisation fractions in $(B_s^0 \rightarrow \overline{K}^0 K^0)$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	6

66	Measurement of the forward Z boson production cross-section in pp collisions at ( $\sqrt{s}=7$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	31
65	Search for the $B^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \tau^+ \tau^-$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	6
64	Measurement of the exclusive $J/\psi$ production cross-section in pp collisions at ( $\sqrt{s}=7$ ) TeV and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	42
63	Measurement of the $B^0 \rightarrow \mu^+ \mu^-$ branching fraction and search for the decay $B^0 \rightarrow \tau^+ \tau^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	8
62	Forward production of $J/\psi$ mesons in pp collisions at ( $\sqrt{s}=7$ ) and 8 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	21
61	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow \mu^+ \mu^-$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	22
60	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow \mu^+ s^+ K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	4
59	Measurement of the time-integrated CP asymmetry in $D^0 \rightarrow K^0 S^0 K^0 S^0$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	11
58	Measurement of CP violation parameters and polarisation fractions in ( $B^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \tau^+ \tau^-$ ) decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	12
57	Measurement of forward Z $\rightarrow e^+ e^-$ production at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	17
56	Search for the decay ( $B^0 \rightarrow \mu^+ \mu^-$ ). <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	10
55	Measurement of forward $J/\psi$ production cross-sections in pp collisions at ( $\sqrt{s}=13$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	47
54	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	138
53	Measurement of the inelastic pp cross-section at a centre-of-mass energy of ( $\sqrt{s}$ ) = 7 TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	13
52	Angular analysis of the $B^0 \rightarrow \mu^+ \mu^-$ decay in the low- $q^2$ region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	20
51	Determination of the branching fractions of $B^0 \rightarrow \mu^+ \mu^-$ and $B^0 \rightarrow \tau^+ \tau^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	5
50	Search for long-lived heavy charged particles using a ring imaging Cherenkov technique at LHCb. <i>European Physical Journal C</i> , <b>2015</b> , 75, 595	4-2	8
49	Development of front-end electronics for LumiCal detector in CMOS 130 nm technology. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, C01018-C01018	1	1

48	A wide range ultra-low power Phase-Locked Loop with automatic frequency setting in 130 nm CMOS technology for data serialisation. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P12015-P12015	1	1
47	A fast, ultra-low and frequency-scalable power consumption, 10-bit SAR ADC for particle physics detectors. <i>Journal of Instrumentation</i> , <b>2015</b> , 10, P11012-P11012	1	5
46	<b>2015</b> ,		1
45	FCAL R&D on Forward Calorimeters. <i>Acta Physica Polonica B</i> , <b>2015</b> , 46, 1297	1.9	2
44	Evidence for the decay $(\mathbf{B}_c^+ \rightarrow \mathbf{J} \left/ \left\{ \begin{array}{l} \psi(3\psi)^2 \psi \end{array} \right\} \right.)$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
43	Study of $(\varUpsilon)$ production and cold nuclear matter effects in pPb collisions at $(\sqrt{s_{NN}}) = 5$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	27
42	Study of the kinematic dependences of $\mathbf{D}^0$ b production in pp collisions and a measurement of the $\mathbf{D}^0$ b $\rightarrow \mathbf{c} \mathbf{D}^0$ branching fraction. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	30
41	Observation of Z production in proton-lead collisions at LHCb. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	15
40	Measurement of [Formula: see text] polarisation in [Formula: see text] collisions at [Formula: see text] = 7 TeV. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2872	4.2	35
39	Measurement of charged particle multiplicities and densities in [Formula: see text] collisions at [Formula: see text] TeV in the forward region. <i>European Physical Journal C</i> , <b>2014</b> , 74, 2888	4.2	20
38	Prototype pixel detector in the SOI technology. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, C02010-C02010	1	6
37	Development of scalable frequency and power Phase-Locked Loop in 130 nm CMOS technology. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, C02006-C02006	1	1
36	Extending the delay compensation range of the fiber optic time and frequency transfer system <b>2014</b> ,		1
35	Radiation damage in transistors fabricated with lapis semiconductor 200 nm FD-SOI technology <b>2014</b> ,		1
34	Tracking with Straw Tubes in the PANDA Experiment. <i>EPJ Web of Conferences</i> , <b>2014</b> , 66, 11007	0.3	
33	A fast, low-power, 6-bit SAR ADC for readout of strip detectors in the LHCb Upgrade experiment. <i>Journal of Instrumentation</i> , <b>2014</b> , 9, P07006-P07006	1	4
32	Search for CP violation using T-odd correlations in $\mathbf{D}^0 \rightarrow \mathbf{K}^+ \mathbf{K}^- \mathbf{D}^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
31	First observations of the rare decays $\mathbf{B}^0 \rightarrow \mathbf{K}^+ \mathbf{K}^- \mathbf{D}^0$ and $\mathbf{B}^0 \rightarrow \mathbf{K}^+ \mathbf{K}^- \mathbf{D}^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	7

30	Measurement of the $B(3P)$ mass and of the relative rate of $B(1P)$ and $B(2P)$ production. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	17
29	Measurement of the CKM angle $\Gamma$ using $B \rightarrow \bar{D}K$ with $D \rightarrow K^0 S \rightarrow \bar{K}^0 S K + K \bar{K}$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	19
28	Study of forward Z + jet production in pp collisions at $(\sqrt{s}) = 7$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	20
27	Production of $J/\psi$ and $(\varphi)$ mesons in pp collisions at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	58
26	Measurement results of DIPIX pixel sensor developed in SOI technology. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 274-278	1.2	10
25	First measurement of time-dependent CP violation in $(B_s^0 \rightarrow \{K^+\}\{K^-\})$ decays. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	25
24	Technical design report for the (overline{P})ANDA (AntiProton Annihilations at Darmstadt) Straw Tube Tracker. <i>European Physical Journal A</i> , <b>2013</b> , 49, 1	2.5	60
23	Measurement of $\rho$ polarization in collisions at [Formula: see text]. <i>European Physical Journal C</i> , <b>2013</b> , 73, 2631	4.2	87
22	Particle identification using the time-over-threshold measurements in straw tube detectors. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2013</b> , 718, 573-574	1.2	4
21	Determination of the $X(3872)$ meson quantum numbers. <i>Physical Review Letters</i> , <b>2013</b> , 110, 222001	7.4	234
20	A 10-Bit Multichannel Digitizer ASIC for Detectors in Particle Physics Experiments. <i>IEEE Transactions on Nuclear Science</i> , <b>2012</b> , 59, 294-302	1.7	6
19	Search for lepton flavour violation in the continuum with the ATLAS detector in [Formula: see text] collisions at the LHC. <i>European Physical Journal C</i> , <b>2012</b> , 72, 2040	4.2	10
18	A general purpose multichannel readout system for radiation detectors. <i>Journal of Instrumentation</i> , <b>2012</b> , 7, T01004-T01004	1	6
17	Measurement of inclusive jet and dijet cross sections in proton-proton collisions at 7 TeV centre-of-mass energy with the ATLAS detector. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	103
16	Measurement of the top quark-pair production cross section with ATLAS in pp collisions at $(\sqrt{s}=7)$ TeV. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	138
15	Luminosity determination in pp collisions at $(\sqrt{s} = 7)$ TeV using the ATLAS detector at the LHC. <i>European Physical Journal C</i> , <b>2011</b> , 71, 1	4.2	167
14	. <i>Acta Physica Polonica B, Proceedings Supplement</i> , <b>2011</b> , 4, 49	1.8	3
13	Forward instrumentation for ILC detectors. <i>Journal of Instrumentation</i> , <b>2010</b> , 5, P12002-P12002	1	23

12	A 10-bit Low-Power Small-Area High-Swing CMOS DAC. <i>IEEE Transactions on Nuclear Science</i> , <b>2010</b> , 57, 292-299	1.7	5
11	Performance of the ATLAS detector using first collision data. <i>Journal of High Energy Physics</i> , <b>2010</b> , 2010, 1	5.4	14
10	Measurement of the W and Z/ $\nu$ production cross sections in proton-proton collisions at ( $\sqrt{s} = 7$ TeV) with the ATLAS detector. <i>Journal of High Energy Physics</i> , <b>2010</b> , 2010, 1	5.4	58
9	Development of front-end electronics for the luminosity detector at ILC. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2009</b> , 608, 169-174	1.2	9
8	J/ $\psi$ azimuthal anisotropy relative to the reaction plane in Pb-Pb collisions at 158 GeV per nucleon. <i>European Physical Journal C</i> , <b>2009</b> , 61, 853-858	4.2	5
7	Noise Optimization of Charge Amplifiers With MOS Input Transistors Operating in Moderate Inversion Region for Short Peaking Times. <i>IEEE Transactions on Nuclear Science</i> , <b>2007</b> , 54, 555-560	1.7	35
6	J/ $\psi$ and $\chi$ production and their normal nuclear absorption in proton-nucleus collisions at 400 GeV. <i>European Physical Journal C</i> , <b>2006</b> , 48, 329-341	4.2	89
5	Effect of finite granularity of detector on anisotropy coefficients. <i>European Physical Journal C</i> , <b>2006</b> , 48, 677-682	4.2	
4	Design of low noise charge amplifier in sub-micron technology for fast shaping time. <i>Analog Integrated Circuits and Signal Processing</i> , <b>2006</b> , 49, 107-114	1.2	6
3	RX64DTH -a fully integrated 64-channel ASIC for a digital X-ray imaging system with energy window selection. <i>IEEE Transactions on Nuclear Science</i> , <b>2005</b> , 52, 839-846	1.7	17
2	Integrated charge sensitive amplifier with pole-zero cancellation circuit for high rates		1
1	Noise optimization of charge amplifier with MOS input transistor working in moderate inversion region		3