

# Wojciech Wislicki

## 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.

260  
papers

9,242  
citations

48  
h-index

87  
g-index

276  
ext. papers

10,442  
ext. citations

3.9  
avg, IF

3.21  
L-index

#	Paper	IF	Citations
260	Positronium imaging with the novel multiphoton PET scanner. <i>Science Advances</i> , <b>2021</b> , 7, eabh4394	14.3	15
259	Synchronization and Calibration of the 24-Modules J-PET Prototype With 300-mm Axial Field of View. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-10	5.2	4
258	A bound on Planck-scale deformations of CPT from muon lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2019</b> , 794, 41-44	4.2	6
257	On Preventing and Detecting Cyber Attacks in Industrial Control System Networks. <i>Journal of Telecommunications and Information Technology</i> , <b>2019</b> , 2, 21-28	0.4	
256	Search for excited B + c states. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	13
255	Measurement of CP asymmetry in B 0 s -to D s K decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	4
254	Search for the lepton-flavour violating decays B 0 (s) -to e mu. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	15
253	First measurement of the CP-violating phase ( phi_s^{doverline{d}} ) in B 0 s -to K+K decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
252	Combination of KLOE [e+e to pi pi] measurements and determination of ( a_{mu}^{pi+pi} ) in the energy range 0.10 Journal of High Energy Physics, <b>2018</b> , 2018, 1	5.4	17
251	Measurement of branching fractions of charmless four-body D b and D b decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	8
250	Studies of the resonance structure in decays. <i>European Physical Journal C</i> , <b>2018</b> , 78, 443	4.2	11
249	Measurement of the CP asymmetry in B to D and B to D decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	1
248	Evaluation of Single-Chip, Real-Time Tomographic Data Processing on FPGA SoC Devices. <i>IEEE Transactions on Medical Imaging</i> , <b>2018</b> , 37, 2526-2535	11.7	32
247	First observation of B+ -to D + s K+K decays and a search for B+ -to D + s ? decays. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	6
246	Measurement of the running of the fine structure constant below 1 GeV with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2017</b> , 767, 485-492	4.2	18
245	Measurement of gamma quantum interaction point in plastic scintillator with WLS strips. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2017</b> , 851, 39-42	1.2	17
244	Measurement of the phase difference between short- and long-distance amplitudes in the [Formula: see text] decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 161	4.2	25

243	Study of the $D^0 p$ amplitude in $D^0 b \rightarrow D^0 p$ decays. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	33
242	Calculation of the time resolution of the J-PET tomograph using kernel density estimation. <i>Physics in Medicine and Biology</i> , <b>2017</b> , 62, 5076-5097	3.8	19
241	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
240	Study of prompt $D^0$ meson production in pPb collisions at $(\sqrt{s_{\text{NN}}})=5$ TeV. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	27
239	Study of charmonium production in hadron decays and first evidence for the decay. <i>European Physical Journal C</i> , <b>2017</b> , 77, 609	4.2	10
238	Novel scintillating material 2-(4-styrylphenyl)benzoxazole for the fully digital and MRI compatible J-PET tomograph based on plastic scintillators. <i>PLoS ONE</i> , <b>2017</b> , 12, e0186728	3.7	8
237	Measurement of the ratio of branching fractions and difference in CP asymmetries of the decays $B^+ \rightarrow \ell^+ \bar{\nu}_\ell$ and $B^+ \rightarrow \ell^+ \bar{K}^0$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	2
236	Search for the $B^0 s \rightarrow \ell^+ \ell^-$ decay. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	1
235	Observation of the suppressed decay $D^0 b \rightarrow D^0 \bar{p} \bar{n}$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	10
234	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
233	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
232	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
231	Evidence for the two-body charmless baryonic decay $(B^+ \rightarrow \bar{\nu}_\ell \Lambda^0)$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
230	Resonances and CP violation in $B^0 s$ and $(\bar{B}^0_s \rightarrow J/\psi K^+ K^-)$ decays in the mass region above the $\psi(1020)$ . <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	13
229	Study of $(\overline{b}b)$ correlations in high energy proton-proton collisions. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	5
228	Measurement of CP observables in $B^0 \rightarrow DK^*$ decays using two- and four-body D final states. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
227	Updated search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2017</b> , 77, 812	4.2	23
226	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

225	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
224	Measurement of the $\Upsilon(nS)$ 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
223	Multichannel FPGA based MVT system for high precision time (20 ps RMS) and charge measurement. <i>Journal of Instrumentation</i> , <b>2017</b> , 12, P08001-P08001	1	37
222	J-PET: A New Technology for the Whole-body PET Imaging. <i>Acta Physica Polonica B</i> , <b>2017</b> , 48, 1567	1.9	47
221	Human Tissues Investigation Using PALS Technique. <i>Acta Physica Polonica B</i> , <b>2017</b> , 48, 1737	1.9	18
220	Three-dimensional Image Reconstruction in J-PET Using Filtered Back-projection Method. <i>Acta Physica Polonica B</i> , <b>2017</b> , 48, 1757	1.9	5
219	Commissioning of the J-PET Detector for Studies of Decays of Positronium Atoms. <i>Acta Physica Polonica B</i> , <b>2017</b> , 48, 1961	1.9	5
218	Application of the compress sensing theory for improvement of the TOF resolution in a novel J-PET instrument. <i>Nukleonika</i> , <b>2016</b> , 61, 35-39	1	1
217	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
216	A feasibility study of ortho-positronium decays measurement with the J-PET scanner based on plastic scintillators. <i>European Physical Journal C</i> , <b>2016</b> , 76, 445	4.2	41
215	Study of $D^*(*) + sJ$ 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
214	Study of $\Upsilon(2S)$ 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
213	Precision measurement of the $B^0 \rightarrow \pi^+ \pi^-$ Dalitz plot distribution with the KLOE detector. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	22
212	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
211	First observation of the decay $B^0 \rightarrow K^+ K^- \pi^0$ at LHCb. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	3
210	Observation of the $B^0 \rightarrow \pi^+ \pi^-$ decay. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	7
209	Measurement of the $B^0 \rightarrow \pi^+ \pi^-$ transition form factor with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 757, 362-367	4.2	26
208	Time resolution of the plastic scintillator strips with matrix photomultiplier readout for J-PET tomograph. <i>Physics in Medicine and Biology</i> , <b>2016</b> , 61, 2025-47	3.8	68

207	Angular analysis of the $B^0 \rightarrow K^* \mu^+ \mu^-$ 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
206	Trilateration-based reconstruction of ortho-positronium decays into three photons with the J-PET detector. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2016</b> , 819, 54-59	1.2	35
205	Determination of the $\frac{3}{4}$ Fraction from Positron Annihilation in Mesoporous Materials for Symmetry Violation Experiment with J-PET Scanner. <i>Acta Physica Polonica B</i> , <b>2016</b> , 47, 453	1.9	17
204	Sampling FEE and Trigger-less DAQ for the J-PET Scanner. <i>Acta Physica Polonica B</i> , <b>2016</b> , 47, 491	1.9	30
203	Potential of the J-PET Detector for Studies of Discrete Symmetries in Decays of Positronium Atom --- A Purely Leptonic System. <i>Acta Physica Polonica B</i> , <b>2016</b> , 47, 509	1.9	33
202	Beam Profile Investigation of the New Collimator System for the J-PET Detector. <i>Acta Physica Polonica B</i> , <b>2016</b> , 47, 537	1.9	3
201	Scatter Fraction of the J-PET Tomography Scanner. <i>Acta Physica Polonica B</i> , <b>2016</b> , 47, 549	1.9	14
200	Overview of the Software Architecture and Data Flow for the J-PET Tomography Device. <i>Acta Physica Polonica B</i> , <b>2016</b> , 47, 561	1.9	16
199	J-PET: A Novel TOF-PET Detector based on Plastic Scintillators <b>2016</b> ,		1
198	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
197	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
196	Observations of $B^0 \rightarrow K^* \mu^+ \mu^-$ and $B^0 \rightarrow K^* \mu^+ \mu^-$ 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
195	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
194	Observation of $B^0 \rightarrow K^* \mu^+ \mu^-$ and $B^0 \rightarrow K^* \mu^+ \mu^-$ 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
193	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
192	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
191	Measurement of the ratio of branching fractions ( $\frac{\mathcal{B}(B^0 \rightarrow K^* \mu^+ \mu^-)}{\mathcal{B}(B^0 \rightarrow K^* \mu^+ \mu^-)}$ ). <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	5
190	Measurement of forward W and Z production in pp collisions at ( $\sqrt{s}=8$ ) TeV. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	8

189	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
188	Measurements of the S-wave fraction in $B^0 \rightarrow K^+ K^-$ decays and the $B^0 \rightarrow K^*(892)^0 K^+ K^-$ differential branching fraction. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	48
187	Limit on the production of a new vector boson in $e^+ e^- \rightarrow \mu^+ \mu^-$ with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2016</b> , 757, 356-361	4.2	56
186	Model-independent measurement of the CKM angle $\Gamma$ using $B^0 \rightarrow D K^0$ decays with $D \rightarrow K^0 S^+ K^-$ and $K^0 S^+ K^+ K^-$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	6
185	GPU Accelerated Image Reconstruction in a Two-Strip J-PET Tomograph. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 1500-1504	0.6	1
184	Analysis Framework for the J-PET Scanner. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 1491-1494	0.6	16
183	Multiple Scattering and Accidental Coincidences in the J-PET Detector Simulated Using GATE Package. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 1505-1512	0.6	11
182	A novel method for the line-of-response and time-of-flight reconstruction in TOF-PET detectors based on a library of synchronized model signals. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2015</b> , 775, 54-62	1.2	52
181	Hit Time and Hit Position Reconstruction in the J-PET Detector Based on a Library of Averaged Model Signals. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 1495-1499	0.6	5
180	A Pilot Study of the Novel J-PET Plastic Scintillator with 2-(4-styrylphenyl)benzoxazole as a Wavelength Shifter. <i>Acta Physica Polonica A</i> , <b>2015</b> , 127, 1487-1490	0.6	5
179	Search for long-lived particles decaying to jet pairs. <i>European Physical Journal C</i> , <b>2015</b> , 75, 152	4.2	26
178	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
177	Search for the lepton flavour violating decay $\tau \rightarrow \mu \nu \nu$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	22
176	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
175	Measurement of the $[ \text{Formula: see text} ]$ production cross-section in proton-proton collisions via the decay $[ \text{Formula: see text} ]$ . <i>European Physical Journal C</i> , <b>2015</b> , 75, 311	4.2	41
174	Search for dark Higgsstrahlung in $e^+ e^- \rightarrow \mu^+ \mu^-$ and missing energy events with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 747, 365-372	4.2	17
173	A novel TOF-PET detector based on plastic scintillators <b>2015</b> ,		1
172	Studies of unicellular microorganisms <i>Saccharomyces cerevisiae</i> by means of positron annihilation lifetime spectroscopy. <i>Nukleonika</i> , <b>2015</b> , 60, 749-753	1	10

171	Processing optimization with parallel computing for the J-PET scanner. <i>Nukleonika</i> , <b>2015</b> , 60, 745-748	1	4
170	PALS investigations of free volumes thermal expansion of J-PET plastic scintillator synthesized in polystyrene matrix. <i>Nukleonika</i> , <b>2015</b> , 60, 777-781	1	4
169	Limit on the production of a low-mass vector boson in $e^+e^- \rightarrow \mu^+\mu^-$ with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 750, 633-637	4-2	58
168	Measurement of CP asymmetries and polarisation fractions in $(\{B\}_s^0 \rightarrow \{K\}^{\ast 0} \overline{K}^{\ast 0})$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	6
167	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
166	Search for the $\overline{D}^0 \rightarrow b^- \overline{K}^0$ and $D^0 \rightarrow b^- K^0$ decays with the LHCb detector. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	6
165	Measurement of the exclusive $\overline{D}^0$ 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
164	Measurement of the $B^0 \rightarrow \tau^+ \tau^-$ 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
163	Forward production of $\overline{D}^0$ 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
162	Measurement of the forward-backward asymmetry in $Z/\gamma \rightarrow b^- \overline{K}^0$ decays and determination of the effective weak mixing angle. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	22
161	First observation and measurement of the branching fraction for the decay $B^0 \rightarrow \tau^+ \tau^- K^0$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	4
160	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
159	Measurement of CP violation parameters and polarisation fractions in $(\{B\}_s^0 \rightarrow \{J\}/\psi \overline{K}^{\ast 0})$ decays. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	12
158	Measurement of forward Z $\rightarrow \tau^+ \tau^-$ production at $(\sqrt{s}=8)$ TeV. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	17
157	Search for the decay $(\{B\}_s^0 \rightarrow \overline{D}^0 \{f\}_0(980))$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	10
156	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
155	Angular analysis and differential branching fraction of the decay $B^0 \rightarrow \tau^+ \tau^- \mu^+ \mu^-$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	138
154	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

153	Angular analysis of the $B^0 \rightarrow K^* e^+ e^-$ decay in the low- $q^2$ region. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	20
152	Determination of the branching fractions of $B^0 \rightarrow S K^+$ and $B^0 \rightarrow D^* K^+$ . <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5-4	5
151	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
150	Study of the Dalitz decay $\pi^+ \rightarrow e^+ e^- \pi^+$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2015</b> , 742, 1-6	4-2	20
149	Searches for discrete symmetries violation in ortho-positronium decay using the J-PET detector. <i>Nukleonika</i> , <b>2015</b> , 60, 729-732	1	3
148	Reconstruction of hit time and hit position of annihilation quanta in the J-PET detector using the Mahalanobis distance. <i>Nukleonika</i> , <b>2015</b> , 60, 765-769	1	7
147	Study of $J/\psi$ 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	60
146	Test of a single module of the J-PET scanner based on plastic scintillators. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 764, 317-321	1-2	66
145	A high-statistics measurement of transverse spin effects in dihadron production from muon-proton semi-inclusive deep-inelastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 124-131	4-2	43
144	Measurement of azimuthal hadron asymmetries in semi-inclusive deep inelastic scattering off unpolarised nucleons. <i>Nuclear Physics B</i> , <b>2014</b> , 886, 1046-1077	2-8	40
143	Novel method for hit-position reconstruction using voltage signals in plastic scintillators and its application to Positron Emission Tomography. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , <b>2014</b> , 764, 186-192	1-2	35
142	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. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	18
141	Measurement of polarization amplitudes and CP asymmetries in $B^0 \rightarrow K^* (892)^0$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	8
140	Angular analysis of charged and neutral $B \rightarrow K \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	18
139	Evidence for the decay $(\text{B}_{\text{charm}}^+ \rightarrow \{\psi(3770) \text{ left/ right}\})$ . <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	16
138	Differential branching fractions and isospin asymmetries of $B \rightarrow K^* \pi$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	142
137	Measurement of CP asymmetry in $D^0 \rightarrow K^* K^+$ and $D^0 \rightarrow \rho^+ K^+$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	42
136	Study of $(\psi)$ 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



135	Observation of the $D^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	29
134	Observation of the $B^0 \rightarrow \pi^+ \pi^- \pi^0$ decay. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	5
133	Study of the kinematic dependences of $D^0$ production in pp collisions and a measurement of the $D^0 \rightarrow \pi^+ \pi^- \pi^0$ branching fraction. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5-4	30
132	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
131	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
130	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
129	Test of CPT and Lorentz symmetry in entangled neutral kaons with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 730, 89-94	4-2	43
128	Transverse target spin asymmetries in exclusive . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 731, 19-26	4-2	13
127	Search for light vector boson production in $e^+e^- \rightarrow \mu^+\mu^- \gamma$ interactions with the KLOE experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 736, 459-464	4-2	68
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125	3D PET image reconstruction based on the maximum likelihood estimation method (MLEM) algorithm. <i>Bio-Algorithms and Med-Systems</i> , <b>2014</b> , 10, 1-7	1-2	9
124	Simulations of $\mu$ quanta scattering in a single module of the J-PET detector. <i>Bio-Algorithms and Med-Systems</i> , <b>2014</b> , 10,	1-2	4
123	Measurement of the absolute branching ratio of the $K^+ \rightarrow \pi^+ \pi^0$ decay with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2014</b> , 738, 128-133	4-2	3
122	Trigger-less and reconfigurable data acquisition system for positron emission tomography. <i>Bio-Algorithms and Med-Systems</i> , <b>2014</b> , 10,	1-2	12
121	J-PET analysis framework for the prototype TOF-PET detector. <i>Bio-Algorithms and Med-Systems</i> , <b>2014</b> , 10,	1-2	4
120	A novel method for calibration and monitoring of time synchronization of TOF-PET scanners by means of cosmic rays. <i>Bio-Algorithms and Med-Systems</i> , <b>2014</b> , 10,	1-2	3
119	Plastic scintillators for positron emission tomography obtained by the bulk polymerization method. <i>Bio-Algorithms and Med-Systems</i> , <b>2014</b> , 10,	1-2	6
118	Database and data structure for the novel TOF-PET detector developed for the J-PET project. <i>Bio-Algorithms and Med-Systems</i> , <b>2014</b> , 10,	1-2	3

117	Application of WLS strips for position determination in strip PET tomograph based on plastic scintillators. <i>Bio-Algorithms and Med-Systems</i> , <b>2014</b> , 10,	1.2	2
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115	Search for CP violation using T-odd correlations in $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	16
114	Search for CP violation in $D^0 \rightarrow K^+ K^- \pi^0$ and $D^0 \rightarrow K^+ K^- \pi^0$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	8
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111	Measurement of the CKM angle $\Gamma$ using $B^0 \rightarrow D^+ K^-$ with $D^0 \rightarrow K^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	19
110	Measurement of CP asymmetry in $B^0 \rightarrow D^+ K^-$ decays. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	10
109	Measurement of the forward W boson cross-section in pp collisions at $(\sqrt{s}=7)$ TeV. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	14
108	Calibration of photomultipliers gain used in the J-PET detector. <i>Bio-Algorithms and Med-Systems</i> , <b>2014</b> , 10,	1.2	5
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106	Grand Canonical Minority Game as a Sign Predictor. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> , 201-212	0.4	
105	Precision measurement of $\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 720, 336-343	4.2	100
104	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
103	Hadron transverse momentum distributions in muon deep inelastic scattering at 160 GeV/c. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	48
102	Search for the doubly charmed baryon $(\Xi_{cc}^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	41
101	Study of $\Sigma(1385)$ and $\Sigma(1321)$ hyperon and antihyperon production in deep inelastic muon scattering. <i>European Physical Journal C</i> , <b>2013</b> , 73, 1	4.2	6
100	Observation of the decay $(B_c^+ \rightarrow \pi^+ K^+)$ . <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	20

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96	Measurement of $\chi$ with the KLOE detector. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2013</b> , 718, 910-914	4.2	25
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90	Transverse spin effects in hadron-pair production from semi-inclusive deep inelastic scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 713, 10-16	4.2	55
89	Exclusive $\chi$ muoproduction on transversely polarised protons and deuterons. <i>Nuclear Physics B</i> , <b>2012</b> , 865, 1-20	2.8	15
88	$D^*$ and $D$ meson production in muon nucleon interactions at 160 GeV/c. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	5
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4	Thermodynamics of systems of finite sequences. <i>Journal of Physics A</i> , <b>1990</b> , 23, L121-L125		1
3	Source parameters deduced from Bose-Einstein correlations of two and three soft pions in symmetric heavy-ion interactions at 650 A MeV. <i>Zeitschrift für Physik A, Atomic Nuclei</i> , <b>1989</b> , 333, 193-202		5
2	Further evidence for the anomalous interaction of $^3\text{He}$ secondary nuclei with protons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 196, 255-258	4.2	3
1	Evidence for the anomalous behaviour of $Z = 2$ secondary nuclei in hydrogen. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 166, 453-458	4.2	15