

№	Авторы организации	ВСЕ авторы	Название публикации	Название источника	Источник:	DOI (Digital Object Identifier):
6	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of prompt D ⁺ and D _s ⁺ production in pPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Journal of High Energy Physics	JHEP 01 (2024) 070	10.1007/JHEP01(2024)070
7	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of CP Violation in B ⁰ → $\psi(\rightarrow\ell+\ell^-)$ KS ⁰ (→ $\pi+\pi^-$) Decays	Physical Review Letters	Phys. Rev. Lett. 132 (2024) 021801	10.1103/PhysRevLett.132.021801
18	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of Cabibbo-Suppressed Two-Body Hadronic Decays and Precision Mass Measurement of the Ω_{cc}^0 Baryon	Physical Review Letters	Phys.Rev.Lett. 132 (2024) 081802	10.1103/PhysRevLett.132.081802
19	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Enhanced Production of Λ_{b0} Baryons in High-Multiplicity pp Collisions at $\sqrt{s}=13$ TeV	Physical Review Letters	Phys.Rev.Lett. 132 (2024) 8, 081901	10.1103/PhysRevLett.132.081901
20	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Production of η and η' mesons in pp and pPb collisions	Physical Review C	Phys.Rev.C 109 (2024) 2, 024907	10.1103/PhysRevC.109.024907
21	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the Z boson production cross-section in pp collisions at $\sqrt{s} = 5.02$ TeV	Journal of High Energy Physics	JHEP 02 (2024) 070	10.1007/JHEP02(2024)070
22	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	A search for rare B → D $\mu^+\mu^-$ decays	Journal of High Energy Physics	JHEP 02 (2024) 032	10.1007/JHEP02(2024)032
23	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	A model-independent measurement of the CKM angle γ in partially reconstructed B \pm → D [*] h \pm decays with D → KS ⁰ h \pm (h = π , K)	Journal of High Energy Physics	JHEP 02 (2024) 118	10.1007/JHEP02(2024)118
24	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Helium identification with LHCb	Journal of Instrumentation	JINST 19 (2024) P02010	10.1088/1748-0221/19/02/P02010

25	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Momentum scale calibration of the LHCb spectrometer	Journal of Instrumentation	JINST 19 (2024) P02008	10.1088/1748-0221/19/02/P02008
12	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Study of $B_c^+ \rightarrow \chi_c \pi^+$ decays	Journal of High Energy Physics	JHEP 02 (2024) 173	10.1007/JHEP02(2024)173
13	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of J/ψ -pair production in pp collisions at $\sqrt{s} = 13$ TeV and study of gluon transverse-momentum dependent PDFs	Journal of High Energy Physics	JHEP 03 (2024) 088	10.1007/JHEP03(2024)088
14	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Curvature-bias corrections using a pseudomass method, JINST 19 (2024) 03	Journal of Instrumentation	JINST 19 (2024) 03, P03010	10.1088/1748-0221/19/03/P03010
15	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Fraction of χ_c Decays in Prompt J/ψ Production Measured in pPb Collisions at $\sqrt{s_{NN}}=8.16$ TeV	Physics Review Letters	Phys.Rev.Lett. 132 (2024) 10, 102302	10.1103/PhysRevLett.132.102302
16	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of $\Xi_b^0 \rightarrow \Xi_c^+ D_s^-$ and $\Xi_b^- \rightarrow \Xi_c^0 D_s^-$ decays	The European Physical Journal C	Eur.Phys.J.C 84 (2024) 3, 237	10.1140/epjc/s10052-024-12443-z
17	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the CKM angle γ in the $B^0 \rightarrow DK^* 0$ channel using self-conjugate $D \rightarrow KS^0 h^\pm$ decays	The European Physical Journal C	Eur.Phys.J.C 84 (2024) 2, 206	10.1140/epjc/s10052-023-12376-z
9	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of Ξ_c^+ production in pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV at LHCb,	Physical Review C	Phys. Rev. C 109 (2024) 044901	10.1103/PhysRevC.109.044901
10	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for CP violation in the phase space of $D^0 \rightarrow KS^0 K^\pm \pi^\mp$ decays with the energy test	Journal of High Energy Physics	JHEP 03 (2024) 107	10.1007/JHEP03(2024)107
11	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Amplitude Analysis of the $B^0 \rightarrow K^* 0 \mu^+ \mu^-$ Decay	Physical Review Letters	Phys .Rev. Lett. 132 (2024) 131801	10.1103/PhysRevLett.132.131801

12	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Determination of short- and long-distance contributions in $B^0 \rightarrow K^*0 \mu^+ \mu^-$ decays	Physical Review D	Phys. Rev. D 109 (2024) 052009	10.1103/PhysRevD.109.052009
12	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	The LHCb Upgrade I	Journal of Instrumentation	JINST 19 (2024) 05, P05065	10.1088/1748-0221/19/05/P05065
13	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of forward charged hadron flow harmonics in peripheral PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV with the LHCb detector	Physical Review C	Phys.Rev.C 109 (2024) 5, 054908	10.1103/PhysRevC.109.054908
14	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for $B_c^+ \rightarrow \pi^+ \mu^+ \mu^-$ decays and measurement of the branching fraction ratio $B(B_c^+ \rightarrow \psi(2S)\pi^+)/B(B_c^+ \rightarrow J/\psi\pi^+)$	European Physics Journal C	Eur.Phys.J.C 84 (2024) 5, 46	10.1140/epjc/s10052-024-12669-x
15	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Prompt and nonprompt $\psi(2S)$ production in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV	Journal of High Energy Physics	JHEP 04 (2024) 111	10.1007/JHEP04(2024)111
16	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Study of CP violation in $B^0 \rightarrow DK^*(892)0$ decays with $D \rightarrow K\pi(\pi\pi)$, $\pi\pi(\pi\pi)$, and KK final states	Journal of High Energy Physics	JHEP 05 (2024) 025	10.1007/JHEP05(2024)025
17	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the branching fraction of $B^0 \rightarrow J/\psi\pi^0$ decays	Journal of High Energy Physics	JHEP 05 (2024) 065	10.1007/JHEP05(2024)065
18	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of the $B_c^+ \rightarrow J/\psi\pi^+\pi^0$ decay	Journal of High Energy Physics	JHEP 04 (2024) 151	10.1007/JHEP04(2024)151
31	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	A measurement of $\Delta\Gamma_s$	Journal of High Energy Physics	JHEP 05 (2024) 253	10.1007/JHEP05(2024)253
32	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Improved Measurement of CP Violation Parameters in $B_s^0 \rightarrow J/\psi K^+ K^-$ Decays in the Vicinity of the $\phi(1020)$ Resonance	Physical Review Letters	Phys. Rev. Lett. 132 (2024) 051802	10.1103/PhysRevLett.132.051802

33	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of $\Lambda b0 \rightarrow \Lambda c + D^-(\ast) 0 K^-$ and $\Lambda b0 \rightarrow \Lambda c + D s \ast - \Lambda$ decays	European Physics Journal C	Eur. Phys. J. C 84 (2024) 575	10.1140/epjc/s10052-024-12752-3
34	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of associated $J/\psi - \psi(2S)$ production cross-section in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	JHEP 05 (2024) 259	10.1007/JHEP05(2024)259
35	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Multiplicity dependence of $\sigma_{\psi(2S)}/\sigma_{J/\psi}$ in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	JHEP 05 (2024) 243	10.1007/JHEP05(2024)243
36	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurements of the branching fraction ratio $B(\phi \rightarrow \mu^+ \mu^-)/B(\phi \rightarrow e^+ e^-)$ with charm meson decays	Journal of High Energy Physics	JHEP 05 (2024) 293	10.1007/JHEP05(2024)293
37	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Modification of $\chi c1(3872)$ and $\psi(2S)$ Production in pPb Collisions at $s_{NN}=8.16$ TeV	Physical Review Letters	Phys. Rev. Lett. 132 (2024) 242301	10.1103/PhysRevLett.132.242301
28	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Amplitude analysis of the $\Lambda b0 \rightarrow p K^- \gamma$ decay	Journal of High Energy Physics	JHEP 06 (2024) 098	10.1007/JHEP06(2024)098
29	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	First observation of the $\Lambda b0 \rightarrow D + D^- \Lambda$ decay	Journal of High Energy Physics	JHEP 07 (2024) 140	10.1007/JHEP07(2024)140
30	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for the $B s0 \rightarrow \mu^+ \mu^- \gamma$ decay	Journal of High Energy Physics	JHEP 07 (2024) 101	10.1007/JHEP07(2024)101
26	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Amplitude analysis of the radiative decay $B s0 \rightarrow K + K^- \gamma$	Journal of High Energy Physics	JHEP 08 (2024) 093	10.1007/JHEP08(2024)093
27	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Study of b-hadron decays to $\Lambda c + h^- h'^-$ final states	Journal of High Energy Physics	JHEP 08 (2024) 132	10.1007/JHEP08(2024)132

28	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	First observation of $\Lambda b^0 \rightarrow \Sigma c^{(*)+} + D^{(*)-} K^-$ decays	Physical Review D	Phys.Rev.D 110 (2024) 3, L031104	10.1103/PhysRevD.110.L031104
29	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for prompt production of pentaquarks in charm hadron final states	Physical Review D	Phys.Rev.D 110 (2024) 3, 032001	10.1103/PhysRevD.110.032001
30	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Tracking of charged particles with nanosecond lifetimes at LHCb	European Physical Journal C	Eur.Phys.J.C 84 (2024) 7, 76	10.1140/epjc/s10052-024-12993-2
13	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Amplitude analysis and branching fraction measurement of $B^+ \rightarrow D^{*0} \mu^+ \pi^+$ decays	Journal of High Energy Physics	JHEP 08 (2024) 165	10.1007/JHEP08(2024)165
14	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Comprehensive analysis of local and nonlocal amplitudes in the $B^0 \rightarrow K^{*0} \mu^+ \mu^-$ decay	Journal of High Energy Physics	JHEP 09 (2024) 026	10.1007/JHEP09(2024)026
15	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for Time-Dependent CP Violation in $D^0 \rightarrow \pi^+ \pi^- \pi^0$ Decays	Physical Review Letters	Phys.Rev.Lett. 133 (2024) 10, 101803	10.1103/PhysRevLett.133.101803
22	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of New Charmonium or Charmoniumlike States in $B^+ \rightarrow D^{*0} \mu^+ K^+$ Decays	Physical Review Letters	Phys.Rev.Lett. 133 (2024) 131902	10.1103/PhysRevLett.133.131902
23	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Precision measurement of the Ξ_b^- -baryon lifetime	Physical Review D	Phys.Rev.D 110 (2024) 072002	10.1103/PhysRevD.110.072002
24	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for the lepton-flavor violating decay $B_s^0 \rightarrow \phi \mu^\pm \tau^\mp$	Physical Review D	Phys.Rev.D 110 (2024) 072014	10.1103/PhysRevD.110.072014
25	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Search for the rare decay of charmed baryon Λ_c^+ into the $p \mu^+ \mu^-$ final state	Physical Review D	Phys.Rev.D 110 (2024) 052007	10.1103/PhysRevD.110.052007

26	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Transverse polarization measurement of Λ hyperons in pNe collisions at $\sqrt{s_{NN}} = 68.4$ GeV with the LHCb detector	Journal of High Energy Physics	JHEP 09 (2024) 082	10.1007/JHEP09(2024)082
18	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Observation of muonic Dalitz decays of χ_{c1} mesons and precise spectroscopy of hidden-beauty states	Journal of High Energy Physics	JHEP 10 (2024) 122	10.1007/JHEP10(2024)122
23	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Measurement of the effective leptonic weak mixing angle	Journal of High Energy Physics	JHEP 12 (2024) 026	10.1007/JHEP12(2024)026
24	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Study of charmonium production via the decay to $pp^{\bar{}}$ at $\sqrt{s} = 13$ TeV	Eur. Phys. J. C	Eur.Phys.J.C 84 (2024) 12, 1274	10.1140/epjc/s10052-024-13478-y
25	Bondar N., Chubykin A., Chulikov V., Dzyuba A., Ilin D., Kravchenko P., Neustroev P., Sagidova N., Spiridenkov E., Voropaev V.	LHCb Collaboration	Study of the rare decay $J/\psi \rightarrow \mu^+\mu^-\mu^+\mu^-$	Journal of High Energy Physics	JHEP 12 (2024) 062	10.1007/JHEP12(2024)062
6	Gavrilov G.E., Dzyuba A.A., Maev O.E., Suyasova M.V.	Gavrilov G.E., Buzoverya M.E., Arkhipov A.Yu., Dzyuba A.A., Karpov I.A., Maev O.E., Suyasova M.V.	Searching for Centers of Point Emissions on the Cathode of a Multiwire Proportional Chamber via Atomic Force Microscopy	Bulletin of the Russian Academy of Sciences: Physics	ISSN 1062-8738, Bulletin of the Russian Academy of Sciences: Physics, 2024 © Pleiades Publishing, Ltd., 2024.	10.1134/S1062873824707426