

**СПИСОК НАУЧНЫХ ТРУДОВ И УЧЕБНЫХ ИЗДАНИЙ  
ПРЕПОДАВАТЕЛЕЙ ФИЛИАЛА «ПРОТВИНО» ГОСУДАРСТВЕННОГО  
УНИВЕРСИТЕТА «ДУБНА» ЗА 2023 ГОД**

№ п/п	Автор(ы)	Название работы	Выходные данные
1.	Губаева М.М., Питухин П.В. (Губаева М.М., Зятева О.Е., Питухин Е.А., Питухин П.В.)	Продвижение вузов в рейтингах как результат повышения эффективности управления	Перспективы науки и образования. 2023. № 1 (61). С. 740-752. <a href="https://www.elibrary.ru/download/elibrary_50331487_98049600.pdf">https://www.elibrary.ru/download/elibrary_50331487_98049600.pdf</a> (ВАК, Scopus)
2.	Евсиков А.А., Кривцов П.Н., Леонов А.П.	Лабораторный практикум по аналоговой электронике	Дубна : Гос. ун-т «Дубна», 2023. — 71, [1] с. ISBN 978-5-89847-686-1 <b>(Практикум)</b>
3.	Klimenko K.G. (Klimenko K.G., Zhokhov R.N., Khunjua T.G.)	Dual properties of dense quark matter with color superconductivity phenomenon	Phys. Rev. D Vol. 108, no.12, 125011 (2023) doi:10.1103/PhysRevD.108.125011 <b>(Scopus)</b>
4.	Коковин В.А., Сытин А.Н. (Коковин В.А., Кривцов П.Н., Сытин А.Н. Увайсов С.У.)	Аппаратные методы кибербезопасности при взаимодействии распределенных устройств автоматизированной системы	Инновационные, информационные и коммуникационные технологии: сборник трудов XX Международной научно-практической конференции. / под.ред. С.У.Увайсов – Москва, 2023, с.226-231. <b>(РИНЦ)</b>
5.	Кульман Т.Н. (Кочеткова А.В., Кульман Т.Н., Макаров А.О.)	Разработка кроссплатформенной программы удаления старых записей из архива ПТК «Систел» в рамках программы импортозамещения	«Физико-техническая информатика (СРТ2023)» Материалы Международной конференции. Нижний Новгород, 2023. С. 287-292 <b>(РИНЦ)</b>
6.	Курзуков Г.В., Кудрявов Н.М.	Курсовое проектирование по дисциплине «Технологические процессы автоматизированных производств»	Дубна: Гос. ун-т «Дубна», 2023. – 78, [2] с. ISBN 978-5-89847-671-7 <b>(Учебное пособие)</b>
7.	Leonova S.A. (Topchiev, N.P., Galper, A.M., Arkhangelskaja, I.V., ... Leonova S.A., Suchkov, S.I., Yurkin, Y.T.)	Cosmophysical Research with GAMMA-400	Physics of Atomic Nucleithis, 2023, 86(4), страницы 489–499 <b>(Scopus, Web of Science, Q3)</b>
8.	Leonova S.A. (Suchkov, S.I., Arkhangelskaja, I.V., Arkhangelskiy, A.I., ...Leonova S.A., Topchiev, N.P., Yurkin, Y.T.)	The Upcoming Gamma-400 Experiment	Universe 2023, 9(8), 369; <a href="https://doi.org/10.3390/universe9080369">https://doi.org/10.3390/universe9080369</a> <b>(Scopus, Web of Science, Q1)</b>
9.	Леонова С.А.	О происхождении английских слов атрибутивной части двухсловных терминов терминополья «электромеханическая часть автоматизированного электропривода»	В сборнике: Актуальные проблемы науки и образования. Сборник материалов II Международной научно-практической конференции. Москва, 2023. С.79-83. <b>(РИНЦ)</b>

10.	Леонова С.А.	Овладение базовой английской терминологией «автоматизированного электропривода» студентами инженерных специальностей при помощи «гипонимического» подхода и структурного анализа терминов	В сборнике: Профессиональное лингвообразование. Материалы семнадцатой международной научно-практической конференции. Нижний Новгород, 2023. С.170-174. <b>(РИНЦ)</b>
11.	Маков П.В.	Повышение эффективности уравнивания двигателей внутреннего сгорания	Инновации и инвестиции. – 2023. – №5. – С. 190-192 <b>(ВАК)</b>
12.	Маков П.В.	Сравнительный анализ одно- и двухмассовой моделей автомобиля на основе автоколебательной системы двигателя внутреннего сгорания	Экономика строительства. – 2023. – №5. – С. 39-41 <b>(ВАК)</b>
13.	Маков П.В.	Электромобиль как объект развития интеллектуальной транспортной системы	Кузнечно-штамповочное производство. Обработка материалов давлением – 2023. – №4. – С. 51-55 <b>(ВАК)</b>
14.	Масликов А.А. (Максимова О.Б., Масликов А.А.)	Межъязыковая интерференция при изучении английского языка в сфере профессиональной коммуникации как второго иностранного: пилотные исследования и математико-статистическая обработка результатов	Мир науки. Педагогика и психология. – 2023. – Т 11. – №2. – URL: <a href="https://mir-nauki.com/PDF/46PDMN223.pdf">https://mir-nauki.com/PDF/46PDMN223.pdf</a> <b>(ВАК)</b>
15.	Myagkov A.G (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	A search for heavy Higgs bosons decaying into vector bosons in same-sign two-lepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 07 (2023) 200 <b>(Scopus)</b>
16.	Myagkov A.G (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	A search for new resonances in multiple final states with a high transverse momentum ZZZ boson in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	JHEP 06 (2023) 036 <b>(Scopus)</b>
17.	Myagkov A.G (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Anomaly detection search for new resonances decaying into a Higgs boson and a generic new particle XXX in hadronic final states using $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	Phys.Rev.D 108 (2023) 052009 <b>(Scopus)</b>
18.	Myagkov A.G (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	ATLAS flavour-tagging algorithms for the LHC Run 2 pp collision dataset	Eur.Phys.J.C 83 (2023) 7, 681 <b>(Scopus)</b>
19.	Myagkov A.G (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Calibration of the light-flavour jet mistagging efficiency of the b-tagging algorithms with Z+jets events using $139 \text{ fb}^{-1}$ of ATLAS proton-proton collision data at $\sqrt{s} = 13$ TeV	Eur.Phys.J.C 83 (2023) 8, 728 <b>(Scopus)</b>
20.	Myagkov A.G (G. Aad...Myagkov A.G et al. ATLAS	Charged-hadron production in ppppp, ppp+Pb, Pb+Pb, and Xe+Xe collisions at $\sqrt{s_{NN}} = 5$ TeV with the ATLAS detector at the	JHEP 07 (2023) 074 <b>(Scopus)</b>

	Collaboration)	LHC #138	
21.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS and CMS Collaborations)	Combination of inclusive top-quark pair production cross-section measurements using ATLAS and CMS data at $\sqrt{s} = 7$ and 8 TeV	JHEP 07 (2023) 213 ( <b>Scopus</b> )
22.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Combination of searches for invisible decays of the Higgs boson using 139 fb <sup>-1</sup> of proton-proton collision data at $\sqrt{s}=13$ TeV collected with the ATLAS experiment	Phys.Lett.B 842 (2023) 137963 ( <b>Scopus</b> )
23.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Combined measurement of the Higgs boson mass from the $H \rightarrow \gamma \gamma$ and $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channels with the ATLAS detector using $\sqrt{s} = 7, 8$ and 13 TeV collision data	Phys.Rev.Lett. 131 (2023) 251802 ( <b>Scopus</b> )
24.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Comparison of inclusive and photon-tagged jet suppression in 5.02 TeV Pb+Pb collisions with ATLAS	Phys.Lett.B 846 (2023) 138154 ( <b>Scopus</b> )
25.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Constraints on spin-0 dark matter mediators and invisible Higgs decays using ATLAS 13 TeV collision data with two top quarks and missing transverse momentum in the final state	Eur.Phys.J.C 83 (2023) 6, 503 ( <b>Scopus</b> )
26.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Constraints on the Higgs boson self-coupling from single- and double-Higgs production with the ATLAS detector using pp collisions at $\sqrt{s}=13$ TeV	Phys.Lett.B 843 (2023) 137745 ( <b>Scopus</b> )
27.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Correlations between flow and transverse momentum in Xe+Xe and Pb+Pb collisions at the LHC with the ATLAS detector: A probe of the heavy-ion initial state and nuclear deformation	Phys.Rev.C 107 (2023) 5, 054910 ( <b>Scopus</b> )
28.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Cross-section measurements for the production of a Z boson in association with high-transverse-momentum jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 06 (2023) 080 ( <b>Scopus</b> )
29.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Determination of the strong coupling constant from transverse energy-energy correlations in multijet events at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 07 (2023) 085 ( <b>Scopus</b> )
30.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Differential cross-section measurements of the production of four charged leptons in association with two jets using the ATLAS detector	JHEP 01 (2024) 004 ( <b>Scopus</b> )

31.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Differential $t\bar{t}$ cross-section measurements using boosted top quarks in the all-hadronic final state with $139 \text{ fb}^{-1}$ of ATLAS data	JHEP 04 (2023) 080 ( <b>Scopus</b> )
32.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Evidence for the charge asymmetry in $pp \rightarrow t\bar{t}$ production at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector	JHEP 08 (2023) 077 ( <b>Scopus</b> )
33.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS and CMS Collaboration)	Evidence for the Higgs Boson Decay to a Z Boson and a Photon at the LHC	Phys.Rev.Lett. 132 (2024) 021803 ( <b>Scopus</b> )
34.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS and CMS Collaboration)	Evidence of off-shell Higgs boson production from ZZ leptonic decay channels and constraints on its total width with the ATLAS detector	Phys.Lett.B 846 (2023) 138223 ( <b>Scopus</b> )
35.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Fast b-tagging at the high-level trigger of the ATLAS experiment in LHC Run 3	JINST 18 (2023) 11, P11006 ( <b>Scopus</b> )
36.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Fiducial and differential cross-section measurements for the vector-boson-fusion production of the Higgs boson in the $H \rightarrow WW^* \rightarrow e\nu\mu\nu$ decay channel at $13 \text{ TeV}$ with the ATLAS detector	Phys.Rev.D 108 (2023) 7, 072003 ( <b>Scopus</b> )
37.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Exclusive dielectron production in ultraperipheral Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02 \text{ TeV}$ with ATLAS	JHEP 2306 (2023) 182 ( <b>Scopus</b> )
38.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Inclusive and differential cross-sections for dilepton $t\bar{t}$ production measured in $\sqrt{s} = 13 \text{ TeV}$ pp collisions with the ATLAS detector	JHEP 07 (2023) 141 ( <b>Scopus</b> )
39.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Inclusive-photon production and its dependence on photon isolation in ppppp collisions at $\sqrt{s} = 13 \text{ TeV}$ using $139 \text{ fb}^{-1}$ of ATLAS data	JHEP 07 (2023) 086 ( <b>Scopus</b> )
40.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Luminosity determination in ppppp collisions at $\sqrt{s} = 13 \text{ TeV}$ using the ATLAS detector at the LHC	Eur.Phys.J.C 83 (2023) 10, 982 ( <b>Scopus</b> )

41.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of cross-sections for production of a ZZZ boson in association with a flavor-inclusive or doubly bbb-tagged large-radius jet in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS experiment	Phys.Rev.D 108 (2023) 1, 012022 ( <b>Scopus</b> )
42.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurements of differential cross sections of Higgs boson production through gluon fusion in the $H \rightarrow WW^* \rightarrow e\nu\mu\nu$ final state at $\sqrt{s} = 13$ TeV with the ATLAS detector	Eur.Phys.J.C 83 (2023) 9, 774 ( <b>Scopus</b> )
43.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of electroweak $Z(\nu\bar{\nu})\gamma jj$ production and limits on anomalous quartic gauge couplings in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 06 (2023) 082 ( <b>Scopus</b> )
44.	Myagkov A.G. (G. Aad...Myagkov A.G et al. ATLAS Collaboration)	Measurement of exclusive pion pair production in proton-proton collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector	Eur.Phys.J.C 83 (2023) 7, 627 ( <b>Scopus</b> )
45.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurements of Higgs boson production by gluon-gluon fusion and vector-boson fusion using $H \rightarrow WW^* \rightarrow e\nu\mu\nu$ decays in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	Phys.Rev.D 108 (2023) 032005 ( <b>Scopus</b> )
46.	Myagkov A.G. (G. Aad...Myagkov A.G et al. ATLAS Collaboration)	Measurements of multijet event isotropies using optimal transport with the ATLAS detector	JHEP 10 (2023) 060 ( <b>Scopus</b> )
47.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of muon pairs produced via $\gamma\gamma$ scattering in nonultraperipheral Pb+Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with the ATLAS detector	Phys.Rev.C 107 (2023) 5, 054907 ( <b>Scopus</b> )
48.	Myagkov A.G. (G. Aad...Myagkov A.G et al. ATLAS Collaboration)	Measurements of observables sensitive to colour reconnection in $t\bar{t}$ events with the ATLAS detector at $\sqrt{s} = 13$ TeV	Eur.Phys.J.C 83 (2023) 6, 518 ( <b>Scopus</b> )
49.	Myagkov A.G. (G. Aad...Myagkov A.G et al. ATLAS Collaboration)	Measurement of single top-quark production in the s-channel in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 06 (2023) 191 ( <b>Scopus</b> )
50.	Myagkov A.G. (G. Aad...Myagkov A.G et al. ATLAS Collaboration)	Measurement of substructure-dependent jet suppression in Pb+Pb collisions at 5.02 TeV with the ATLAS detector	Phys.Rev.C 107 (2023) 5, 054909 ( <b>Scopus</b> )

51.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of Suppression of Large-Radius Jets and Its Dependence on Substructure in Pb+Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV with the ATLAS Detector	Phys.Rev.Lett. 131 (2023) 17, 172301 ( <b>Scopus</b> )
52.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the $B_s^0 \rightarrow \mu\mu$ effective lifetime with the ATLAS detector	JHEP 09 (2023) 199 ( <b>Scopus</b> )
53.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the charge asymmetry in top-quark pair production in association with a photon with the ATLAS experiment	Phys.Lett.B 843 (2023) 137848 ( <b>Scopus</b> )
54.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the CP properties of Higgs boson interactions with $\tau$ leptons with the ATLAS detector	Eur.Phys.J.C 83 (2023) 7, 563, Eur.Phys.J.C 83 (2023) 563 ( <b>Scopus</b> )
55.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the cross-sections of the electroweak and total production of a $Z\gamma$ pair in association with two jets in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	Phys.Lett.B 846 (2023) 138222 ( <b>Scopus</b> )
56.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the $H \rightarrow \gamma\gamma$ and $H \rightarrow ZZ^* \rightarrow 4\ell$ cross-sections in pp collisions at $\sqrt{s} = 13.6$ TeV with the ATLAS detector	Eur.Phys.J.C 84 (2024) 1, 78, Eur.Phys.J.C 84 (2024) 78 ( <b>Scopus</b> )
57.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the Higgs boson mass in the $H \rightarrow ZZ^* \rightarrow 4\ell$ decay channel using $139 \text{ fb}^{-1}$ of $\sqrt{s} = 13$ TeV pp collisions recorded by the ATLAS detector at the LHC	Phys.Lett.B 843 (2023) 137880 ( <b>Scopus</b> )
58.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the Higgs boson mass with $H \rightarrow \gamma\gamma$ decays in $140 \text{ fb}^{-1}$ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	Phys.Lett.B 847 (2023) 138315 ( <b>Scopus</b> )
59.	Myagkov A.G. (G. Aad...Myagkov A.G et al. ATLAS Collaboration)	Measurement of the inclusive $t\bar{t}$ production cross section in the lepton+jets channel in pp collisions at $\sqrt{s} = 7$ TeV with the ATLAS detector using support vector machines	Phys.Rev.D 108 (2023) 3, 032014 ( <b>Scopus</b> )
60.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the nuclear modification factor of bbb-jets in 5.02 TeV Pb+Pb collisions with the ATLAS detector	Eur.Phys.J.C 83 (2023) 5, 438 ( <b>Scopus</b> )

61.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the polarisation of W bosons produced in top-quark decays using dilepton events at $s=13$ TeV with the ATLAS experiment	Phys.Lett.B 843 (2023) 137829 ( <b>Scopus</b> )
62.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the production of a WWW boson in association with a charmed hadron in pp collisions at $s=13$ TeV $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector	Phys.Rev.D 108 (2023) 032012 ( <b>Scopus</b> )
63.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the properties of Higgs boson production at $s=13 \sqrt{s} = 13 \text{ TeV}$ in the $H \rightarrow \gamma \gamma$ channel using 139139139 $\text{fb}^{-1}$ of collision data with the ATLAS experiment	JHEP 07 (2023) 088 ( <b>Scopus</b> )
64.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the Sensitivity of Two-Particle Correlations in pp Collisions to the Presence of Hard Scatterings	Phys.Rev.Lett. 131 (2023) 16, 162301 ( <b>Scopus</b> )
65.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurements of the suppression and correlations of dijets in Pb+Pb collisions at $s_{NN}=5.02$ TeV	Phys.Rev.C 107 (2023) 5, 054908 ( <b>Scopus</b> )
66.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurements of the suppression and correlations of dijets in Xe+Xe collisions at $s_{NN}=5.44$ TeV	Phys.Rev.C 108 (2023) 2, 024906 ( <b>Scopus</b> )
67.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the top-quark mass using a leptonic invariant mass in pp collisions at $s \sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 06 (2023) 019 ( <b>Scopus</b> )
68.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the total and differential Higgs boson production cross-sections at $s \sqrt{s} = 13$ TeV with the ATLAS detector by combining the $H \rightarrow ZZ^{*} \rightarrow 4\ell$ and $H \rightarrow \gamma\gamma$ decay channels	JHEP 05 (2023) 028 ( <b>Scopus</b> )
69.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the total cross section and $\rho$ -parameter from elastic scattering in pp collisions at $s \sqrt{s} = 13$ TeV with the ATLAS detector	Eur.Phys.J.C 83 (2023) 5, 441 ( <b>Scopus</b> )
70.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of the $t\bar{t}$ production cross-section in pp collisions at $s \sqrt{s} = 5.02$ TeV with the ATLAS detector	JHEP 06 (2023) 138 ( <b>Scopus</b> )
71.	Myagkov A.G.	Measurement of the $t\bar{t}$ cross section and	Phys.Lett.B 848 (2024) 138376 ( <b>Scopus</b> )

	(Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	its ratio to the Z production cross section using pp collisions at $s=13.6$ TeV with the ATLAS detector	
72.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurements of $W+W-W^{+}W^{-}$ production in decay topologies inspired by searches for electroweak supersymmetry	Eur.Phys.J.C 83 (2023) 8, 718 ( <b>Scopus</b> )
73.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurements of $Z\gamma+Z\gamma+jets$ differential cross sections in ppppp collisions at $s=13\sqrt{s}=13s=13$ TeV with the ATLAS detector	JHEP 07 (2023) 072 ( <b>Scopus</b> )
74.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Measurement of $Z\gamma\gamma Z\gamma\gamma$ production in pp collisions at $s=13\sqrt{s}=13s=13$ TeV with the ATLAS detector	Eur.Phys.J.C 83 (2023) 6, 539 ( <b>Scopus</b> )
75.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Model-independent search for the presence of new physics in events including $H\rightarrow\gamma\gamma H\rightarrow\gamma\gamma$ with $s\sqrt{s}=13$ TeV pp data recorded by the ATLAS detector at the LHC	JHEP 07 (2023) 176 ( <b>Scopus</b> )
76.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	New techniques for jet calibration with the ATLAS detector	Eur.Phys.J.C 83 (2023) 8, 761 ( <b>Scopus</b> )
77.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Observation of an Excess of Dicharmonium Events in the Four-Muon Final State with the ATLAS Detector	Phys.Rev.Lett. 131 (2023) 15, 151902 ( <b>Scopus</b> )
78.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Observation of electroweak production of two jets and a Z-boson pair	Nature Phys. 19 (2023) 2, 237-253 ( <b>Scopus</b> )
79.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Observation of four-top-quark production in the multilepton final state with the ATLAS detector	Eur.Phys.J.C 83 (2023) 6, 496 ( <b>Scopus</b> )
80.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Observation of gauge boson joint-polarisation states in $W\pm Z$ production from pp collisions at $s=13$ TeV with the ATLAS detector	Phys.Lett.B 843 (2023) 137895 ( <b>Scopus</b> )
81.	Myagkov A.G. (Georges Aad... Myagkov A.G et al.	Observation of Single-Top-Quark Production in Association with a Photon Using the ATLAS Detector	Phys.Rev.Lett. 131 (2023) 18, 181901 ( <b>Scopus</b> )



	ATLAS Collaboration)		
82.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Observation of the $\gamma\gamma \rightarrow \tau\tau$ Process in Pb+Pb Collisions and Constraints on the $\tau$ -Lepton Anomalous Magnetic Moment with the ATLAS Detector	Phys.Rev.Lett. 131 (2023) 15, 151802 ( <b>Scopus</b> )
83.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Observation of $W\gamma\gamma W$ triboson production in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	Phys.Lett.B 848 (2024) 138400 ( <b>Scopus</b> )
84.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Observation of $WZ\gamma$ Production in pp Collisions at $\sqrt{s} = 13$ TeV with the ATLAS Detector	Phys.Rev.Lett. 132 (2024) 2, 021802 ( <b>Scopus</b> )
85.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Performance and calibration of quark/gluon-jet taggers using 140 fb <sup>-1</sup> of pp collisions at TeV with the ATLAS detector*	Chin.Phys.C 48 (2024) 2, 023001 ( <b>Scopus</b> )
86.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Performance of the reconstruction of large impact parameter tracks in the inner detector of ATLAS	Eur.Phys.J.C 83 (2023) 11, 1081 ( <b>Scopus</b> )
87.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Production of $Y(nS)$ mesons in Pb+Pb and pp collisions at 5.02 TeV	Phys.Rev.C 107 (2023) 5, 054912 ( <b>Scopus</b> )
88.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Pursuit of paired dijet resonances in the Run 2 dataset with ATLAS	Phys.Rev.D 108 (2023) 11, 112005 ( <b>Scopus</b> )
89.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search in diphoton and dielectron final states for displaced production of Higgs or Z bosons with the ATLAS detector in $\sqrt{s} = 13$ TeV pp collisions	Phys.Rev.D 108 (2023) 1, 012012 ( <b>Scopus</b> )
90.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for a light charged Higgs boson in $t \rightarrow H^\pm b$ decays, with $H^\pm \rightarrow cb$ in the lepton+jets final state in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 09 (2023) 004 ( <b>Scopus</b> )
91.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for a new heavy scalar particle decaying into a Higgs boson and a new scalar singlet in final states with one or two light leptons and a pair of $\tau$ -leptons with the ATLAS detector	JHEP 10 (2023) 009 ( <b>Scopus</b> )

92.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for a new pseudoscalar decaying into a pair of muons in events with a top-quark pair at $s=13$ TeV with the ATLAS detector	Phys.Rev.D 108 (2023) 9, 092007 ( <b>Scopus</b> )
93.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for a new scalar resonance in flavour-changing neutral-current top-quark decays $t \rightarrow qX$ $\rightarrow$ $qXt \rightarrow qX$ ( $q=u,c$ , $q=\bar{u},\bar{c}$ ), with $X \rightarrow b\bar{b}$ $\rightarrow$ $b\bar{b}X \rightarrow b\bar{b}$ , in proton-proton collisions at $s=\sqrt{s}=13$ TeV with the ATLAS detector	JHEP 07 (2023) 199 ( <b>Scopus</b> )
94.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for a new $Z'$ gauge boson in $4\mu$ events with the ATLAS experiment	JHEP 07 (2023) 090 ( <b>Scopus</b> )
95.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for an axion-like particle with forward proton scattering in association with photon pairs at ATLAS	JHEP 07 (2023) 234 ( <b>Scopus</b> )
96.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for boosted diphoton resonances in the 10 to 70 GeV mass range using $138 \text{ fb}^{-1}$ of 13 TeV pp collisions with the ATLAS detector	JHEP 07 (2023) 155 ( <b>Scopus</b> )
97.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for dark photons from Higgs boson decays via $ZHZHZH$ production with a photon plus missing transverse momentum signature from pppppp collisions at $s=\sqrt{s}=13$ TeV with the ATLAS detector	JHEP 07 (2023) 133 ( <b>Scopus</b> )
98.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for dark matter produced in association with a dark Higgs boson decaying into $W+W-W^{+}W^{-}$ in the one-lepton final state at $s=\sqrt{s}=13$ TeV using $139 \text{ fb}^{-1}$ of pppppp collisions recorded with the ATLAS detector	JHEP 07 (2023) 116 ( <b>Scopus</b> )
99.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for dark matter produced in association with a Higgs boson decaying to tau leptons at $s=\sqrt{s}=13$ TeV with the ATLAS detector	JHEP 09 (2023) 189, JHEP 09 (2023) 189 ( <b>Scopus</b> )
100.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for dark matter produced in association with a single top quark and an energetic $WWW$ boson in $s=\sqrt{s}=13$ TeV pppppp collisions with the ATLAS detector	Eur.Phys.J.C 83 (2023) 7, 603 ( <b>Scopus</b> )

101.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for dark photons in rare $ZZZ$ boson decays with the ATLAS detector	Phys.Rev.Lett. 131 (2023) 25, 251801 ( <b>Scopus</b> )
102.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for direct pair production of sleptons and charginos decaying to two leptons and neutralinos with mass splittings near the W-boson mass in $s\sqrt{s}$ = 13 TeV pp collisions with the ATLAS detector	JHEP 06 (2023) 031 ( <b>Scopus</b> )
103.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for direct production of winos and higgsinos in events with two same-charge leptons or three leptons in pp collision data at $s\sqrt{s}$ = 13 TeV with the ATLAS detector	JHEP 11 (2023) 150 ( <b>Scopus</b> )
104.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for displaced photons produced in exotic decays of the Higgs boson using 13 TeV pp collisions with the ATLAS detector	Phys.Rev.D 108 (2023) 3, 032016 ( <b>Scopus</b> )
105.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for doubly charged Higgs boson production in multi-lepton final states using $139\text{ fb}^{-1}$ of proton–proton collisions at $s\sqrt{s}$ = 13 TeV with the ATLAS detector	Eur.Phys.J.C 83 (2023) 7, 605 ( <b>Scopus</b> )
106.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for excited $\tau$ -leptons and leptoquarks in the final state with $\tau$ -leptons and jets in pp collisions at $s\sqrt{s}$ = 13 TeV with the ATLAS detector	HEP 06 (2023) 199 ( <b>Scopus</b> )
107.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for exclusive Higgs and $ZZZ$ boson decays to $\omega\gamma\omega$ and Higgs boson decays to $K^*\gamma K^*\gamma$ with the ATLAS detector	Phys.Lett.B 847 (2023) 138292 ( <b>Scopus</b> )
108.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for flavour-changing neutral-current couplings between the top quark and the photon with the ATLAS detector at $s=13$ TeV	Phys.Lett.B 842 (2023) 137379, Phys.Lett.B 847 (2024) 138286 (erratum) ( <b>Scopus</b> )
109.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for flavor-changing neutral-current couplings between the top quark and the Z boson with proton-proton collisions at $s=13$ TeV with the ATLAS detector	Phys.Rev.D 108 (2023) 3, 032019 ( <b>Scopus</b> )
110.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for flavour-changing neutral current interactions of the top quark and the Higgs boson in events with a pair of $\tau$ -leptons in pp collisions at $s\sqrt{s}$ = 13 TeV with the ATLAS detector	JHEP 2306 (2023) 155 ( <b>Scopus</b> )

111.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for heavy Higgs bosons with flavour-violating couplings in multi-lepton plus b-jets final states in pp collisions at 13 TeV with the ATLAS detector	JHEP 12 (2023) 081 ( <b>Scopus</b> )
112.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for heavy, long-lived, charged particles with large ionisation energy loss in ppppp collisions at $\sqrt{s} = 13 \text{ TeV}$ using the ATLAS experiment and the full Run 2 dataset	JHEP 2306 (2023) 158 ( <b>Scopus</b> )
113.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for heavy long-lived multi-charged particles in the full LHC Run 2 pp collision data at $\sqrt{s} = 13 \text{ TeV}$ using the ATLAS detector	hys.Lett.B 847 (2023) 138316 ( <b>Scopus</b> )
114.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for heavy Majorana or Dirac neutrinos and right-handed W gauge bosons in final states with charged leptons and jets in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector	Eur.Phys.J.C 83 (2023) 12, 1164 ( <b>Scopus</b> )
115.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for Heavy Neutral Leptons in Decays of W Bosons Using a Dilepton Displaced Vertex in $\sqrt{s} = 13 \text{ TeV}$ pp Collisions with the ATLAS Detector	Phys.Rev.Lett. 131 (2023) 6, 061803 ( <b>Scopus</b> )
116.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for heavy resonances decaying into a ZZZ or WWW boson and a Higgs boson in final states with leptons and bbb-jets in $139 \text{ fb}^{-1}$ of ppppp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector	JHEP 06 (2023) 016 ( <b>Scopus</b> )
117.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for Higgs boson pair production in association with a vector boson in pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector	Eur.Phys.J.C 83 (2023) 6, 519, Eur.Phys.J.C 83 (2023) 519 ( <b>Scopus</b> )
118.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for high-mass $W\gamma$ and $Z\gamma$ resonances using hadronic W/Z boson decays from $139 \text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector	JHEP 07 (2023) 125 ( <b>Scopus</b> )
119.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for lepton-flavour violation in high-mass dilepton final states using $139 \text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 13 \text{ TeV}$ with the ATLAS detector	JHEP 10 (2023) 082, JHEP 23 (2020) 082 ( <b>Scopus</b> )
120.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for leptonic charge asymmetry in $t\bar{t}W$ production in final states with three leptons at $\sqrt{s} = 13 \text{ TeV}$	JHEP 07 (2023) 033 ( <b>Scopus</b> )

121.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for leptoquarks decaying into the $b\tau$ final state in $pppppp$ collisions at $s = 13$ TeV with the ATLAS detector	JHEP 10 (2023) 001 ( <b>Scopus</b> )
122.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for light long-lived neutral particles that decay to collimated pairs of leptons or light hadrons in $pp$ collisions at $s = 13$ TeV with the ATLAS detector	JHEP 06 (2023) 153 ( <b>Scopus</b> )
123.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for long-lived, massive particles in events with displaced vertices and multiple jets in $pp$ collisions at $s = 13$ TeV with the ATLAS detector	JHEP 2306 (2023) 200 ( <b>Scopus</b> )
124.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for magnetic monopoles and stable particles with high electric charges in $s = 13$ TeV $pp$ collisions with the ATLAS detector	JHEP 11 (2023) 112 ( <b>Scopus</b> )
125.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for Majorana neutrinos in same-sign $WW$ scattering events from $pp$ collisions at $s = 13$ TeV	Eur.Phys.J.C 83 (2023) 9, 824 ( <b>Scopus</b> )
126.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for new phenomena in final states with photons, jets and missing transverse momentum in $pp$ collisions at $s = 13$ TeV with the ATLAS detector	JHEP 07 (2023) 021 ( <b>Scopus</b> )
127.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for new phenomena in multi-body invariant masses in events with at least one isolated lepton and two jets using $s = 13$ TeV proton–proton collision data collected by the ATLAS detector	JHEP 07 (2023) 202 ( <b>Scopus</b> )
128.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for nonresonant pair production of Higgs bosons in the $bb\bar{b}\bar{b}$ final state in $pp$ collisions at $s = 13$ TeV with the ATLAS detector	Phys.Rev.D 108 (2023) 5, 052003 ( <b>Scopus</b> )
129.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for non-resonant production of semi-visible jets using Run 2 data in ATLAS	Phys.Lett.B 848 (2024) 138324 ( <b>Scopus</b> )
130.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for pair production of third-generation leptoquarks decaying into a bottom quark and a $\tau$ -lepton with the ATLAS detector	Eur.Phys.J.C 83 (2023) 11, 1075 ( <b>Scopus</b> )

131.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for pair-production of vector-like quarks in pp collision events at $\sqrt{s}=13$ TeV with at least one leptonically decaying Z boson and a third-generation quark with the ATLAS detector	Phys.Lett.B 843 (2023) 138019 ( <b>Scopus</b> )
132.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for pair-produced scalar and vector leptoquarks decaying into third-generation quarks and first- or second-generation leptons in pp collisions with the ATLAS detector	JHEP 2306 (2023) 188 ( <b>Scopus</b> )
133.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for pair-produced vector-like top and bottom partners in events with large missing transverse momentum in pp collisions with the ATLAS detector	Eur.Phys.J.C 83 (2023) 8, 719 ( <b>Scopus</b> )
134.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for pairs of muons with small displacements in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Phys.Lett.B 846 (2023) 138172 ( <b>Scopus</b> )
135.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for periodic signals in the dielectron and diphoton invariant mass spectra using $139 \text{ fb}^{-1}$ of pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 10 (2023) 079 ( <b>Scopus</b> )
136.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for resonant and non-resonant Higgs boson pair production in the $b\bar{b}\tau^+\tau^-$ decay channel using 13 TeV pp collision data from the ATLAS detector	JHEP 07 (2023) 040 ( <b>Scopus</b> )
137.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for resonant WZ production in the fully leptonic final state in proton–proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	Eur.Phys.J.C 83 (2023) 7, 633 ( <b>Scopus</b> )
138.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for single production of vector-like T quarks decaying into Ht or Zt in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 08 (2023) 153 ( <b>Scopus</b> )
139.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for single vector-like B quark production and decay via $B \rightarrow bH(b\bar{b})$ in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 11 (2023) 168 ( <b>Scopus</b> )
140.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for supersymmetry in final states with missing transverse momentum and three or more b-jets in $139 \text{ fb}^{-1}$ of proton–proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	Eur.Phys.J.C 83 (2023) 7, 561, Eur.Phys.J.C 83 (2023) 561 ( <b>Scopus</b> )

141.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for $t\bar{t}H/A \rightarrow t\bar{t}t\bar{t}$ $t\bar{t}H/A \rightarrow t\bar{t}t\bar{t}$ production in the multilepton final state in proton–proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 07 (2023) 203 ( <b>Scopus</b> )
142.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for the charged-lepton-flavor-violating decay $Z \rightarrow e\mu$ in pppppp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	Phys.Rev.D 108 (2023) 032015 ( <b>Scopus</b> )
143.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for the $Z\gamma$ decay mode of new high-mass resonances in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	Phys.Lett.B 848 (2024) 138394 ( <b>Scopus</b> )
144.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for third-generation vector-like leptons in pppppp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 07 (2023) 118 ( <b>Scopus</b> )
145.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Search for vector-boson resonances decaying into a top quark and a bottom quark using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector	JHEP 12 (2023) 073 ( <b>Scopus</b> )
146.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Searches for exclusive Higgs and Z boson decays into a vector quarkonium state and a photon using $139 \text{ fb}^{-1}$ of ATLAS $\sqrt{s} = 13$ TeV proton–proton collision data	Eur.Phys.J.C 83 (2023) 9, 781 ( <b>Scopus</b> )
147.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Searches for lepton-flavour-violating decays of the Higgs boson into $e\tau$ and $\mu\tau$ in $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	JHEP 07 (2023) 166 ( <b>Scopus</b> )
148.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Searches for new phenomena in events with two leptons, jets, and missing transverse momentum in $139 \text{ fb}^{-1}$ of $\sqrt{s} = 13$ TeV pp collisions with the ATLAS detector	Eur.Phys.J.C 83 (2023) 6, 515 ( <b>Scopus</b> )
149.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Strong Constraints on Jet Quenching in Centrality-Dependent p+Pb Collisions at 5.02 TeV from ATLAS	Phys.Rev.Lett. 131 (2023) 7, 072301 ( <b>Scopus</b> )
150.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Studies of the muon momentum calibration and performance of the ATLAS detector with pp collisions at $\sqrt{s} = 13$ TeV	Eur.Phys.J.C 83 (2023) 8, 686 ( <b>Scopus</b> )

151.	Myagkov A.G. (Georges Aad... Myagkov A.G et al. ATLAS Collaboration)	Test of CP Invariance in Higgs Boson Vector-Boson-Fusion Production Using the $H \rightarrow \gamma \gamma$ Channel with the ATLAS Detector	Phys.Rev.Lett. 131 (2023) 6, 061802 ( <b>Scopus</b> )
152.	Myagkov A.G. (G. Aad...Myagkov A.G et al. ATLAS Collaboration)	Tools for estimating fake/non-prompt lepton backgrounds with the ATLAS detector at the LHC #137	JINST 18 (2023) 11, T11004 ( <b>Scopus</b> )
153.	Nurmatova E.V. (Zaytsev E.I., Nurmatova E.V. Khalabiya R.F., Stepanova I.V., Bunina L.V.)	Multi-agent System: Efficiency Enhancement and Search for Anomalies in Equipment Operation (Мультиагентная система: повышение эффективности и поиск аномалий в работе оборудования)	Lecture Notes on Data Engineering and Communications, 2023, 141, стр. 503–512 ( <b>Scopus</b> )
154.	Nurmatova E.V. (Zaytsev E.I., Nurmatova E.V. Khalabiya R.F., Stepanova I.V., Bunina L.V.)	Performance Improvement of the Multi-agent System of Knowledge Representation and Processing (Повышение производительности многоагентной системы представления и обработки знаний)	Sixth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2021), Lecture Notes in Networks and Systems, Springer, 2023, pp. 105–113. <b>doi:</b> 10.1007/978-981-19-0095-2_11 <a href="https://www.scopus.com/authid/detail.uri?authorId=57205460003">https://www.scopus.com/authid/detail.uri?authorId=57205460003</a> ( <b>Scopus</b> )
155.	Nurmatova E.V. (Nurmatova E.V. Zaytsev E.I., Khalabiya R.F., Stepanova I.V., Bunina L.V.)	System For Searching Anomalies In The Operation Equipment Of The Computing Cluster	International Scientific and practical conference «Modeling in Education 2021», AIP Conference Processing, Volume 2833, Issue 1 <a href="https://doi.org/10.1063/5.0151729">https://doi.org/10.1063/5.0151729</a> ( <b>Scopus</b> )
156.	Нурматова Е.В. (Зайцев Е.И., Нурматова Е.В.)	О подходе к управлению знаниями и разработке мультиагентной системы представления и обработки знаний	Russian Technological Journal. 2023; 11(4). С. 16-25. <b>doi:</b> 10.32362/2500-316X-2023-11-4-16-25 <a href="https://www.rjtj-mirea.ru/jour/article/view/731">https://www.rjtj-mirea.ru/jour/article/view/731</a> ( <b>БАК</b> )
157.	Нурматова Е.В.	Об оценке стоимости запросов и разработке приложения для обработки ресурсоемких запросов	Моделирование, оптимизация и информационные технологии. 2023. Т. 11. № 4 (43) <b>DOI:</b> <a href="https://doi.org/10.26102/2310-6018/2023.43.4.026">10.26102/2310-6018/2023.43.4.026</a> ( <b>БАК</b> )
158.	Нурматова Е.В. (Сенин Л.С., Нурматова Е.В.)	Особенности реализации алгоритма прогнозирования по временному ряду	В сборнике: Цифровизация правосудия: проблемы и перспективы. Материалы I Национальной научно-практической конференции. Москва, 2023. С. 132-136. <a href="https://www.elibrary.ru/item.asp?id=62498586">https://www.elibrary.ru/item.asp?id=62498586</a> ( <b>РИНЦ</b> )
159.	Нурматова Е.В. (Нурматова Е.В., Пылаев К.В.)	Подход к решению задачи диагностики сердечно-сосудистых заболеваний	В сборнике: Цифровизация правосудия: проблемы и перспективы. Материалы I Национальной научно-практической конференции. Москва, 2023. С. 104-108. <a href="https://www.elibrary.ru/download/elibrary_62498573_16474740.pdf">https://www.elibrary.ru/download/elibrary_62498573_16474740.pdf</a> ( <b>РИНЦ</b> )
160.	Нурматова Е.В. (Нурматова Е.В., Эм И.Д.)	Реализация модуля оптимизации запросов чтения данных	В сборнике: Цифровизация правосудия: проблемы и перспективы. Материалы I Национальной научно-практической конференции. Москва, 2023. С. 109-113. <a href="https://www.elibrary.ru/download/elibrary_62498575_45875527.pdf">https://www.elibrary.ru/download/elibrary_62498575_45875527.pdf</a> ( <b>РИНЦ</b> )



161.	Нурматова Е.В.	Технологии и инструменты систем управления данными	[Электронный ресурс] : практикум / Е. В. Нурматова .— М.: Российский технологический университет (РТУ МИРЭА), 2023 .— Электрон. опт. диск (ISO) <a href="https://ibc.mirea.ru/books/share/54616/">https://ibc.mirea.ru/books/share/54616/</a> ( <b>Практикум</b> )
162.	Pitukhin, P., Gubaeva, M. (Pitukhin, E., Pitukhin, P., Gubaeva, M.)	Coronavirus spread analysis in the first pandemic year	E3S Web of Conferences, 2023, 371, 03038. – DOI: <a href="https://doi.org/10.1051/e3sconf/202337103038">https://doi.org/10.1051/e3sconf/202337103038</a> ( <b>Scopus</b> )
163.	Pitukhin, P. (Pitukhin, E., Pitukhin, P., Kukolev, M.)	Rational Use of Russia's Own Workforce from the Perspective of Environmental Economics	Lecture Notes in Networks and Systems, (XV International Scientific Conference “INTERAGROMASH 2022”), 2023, 575 LNNS, pp. 2707–2718. - DOI: <a href="https://doi.org/10.1007/978-3-031-21219-2_303">https://doi.org/10.1007/978-3-031-21219-2_303</a> ( <b>Scopus</b> )
164.	Pitukhin, P. (Stepus, I., Simakova, A., Pitukhin, E., Pitukhin, P.)	Staffing the Sustainable Development of the Russian Arctic: A Professional Profile	Lecture Notes in Networks and Systems, (XV International Scientific Conference “INTERAGROMASH 2022”), 2023, 575 LNNS, pp. 2655–2668. – DOI: <a href="https://doi.org/10.1007/978-3-031-21219-2_298">https://doi.org/10.1007/978-3-031-21219-2_298</a> ( <b>Scopus</b> )
165.	Рочев В.Е.	О шкале расстояний в физике	Природа, том 1297, выпуск 9, стр.: 37 – 40, DOI: 10.7868/S0032874X23090053, опубликовано: 19/11/2023. ( <b>БАК</b> )
166.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	A search for decays of the Higgs boson to invisible particles in events with a top-antitop quark pair or a vector boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C 83 (2023) 10, 933, DOI:10.1140/epjc/s10052-023-11952-7 ( <b>Scopus</b> )
167.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Azimuthal anisotropy of dijet events in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Journal of High Energy Physics 07 (2023) 139, DOI:10.1007/JHEP07(2023)139 ( <b>Scopus</b> )
168.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Azimuthal correlations in Z +jets events in proton–proton collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C 83 (2023) 8, 722, DOI:10.1140/epjc/s10052-023-11833-z ( <b>Scopus</b> )
169.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Azimuthal Correlations within Exclusive Dijets with Large Momentum Transfer in Photon-Lead Collisions	Physical Review Letters 131 (2023) 5, 051901, DOI:10.1103/PhysRevLett.131.051901 ( <b>Scopus</b> )
170.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	CMS Pythia8 colour reconnection tunes based on underlying-event data	The European Physical Journal C 83 (2023) 7, 587, DOI:10.1140/epjc/s10052-023-11630-8 ( <b>Scopus</b> )
171.	Slabospitsky S.R. (Aad G.,... Slabospitsky S.R. et al. (ATLAS and CMS Collaboration))	Combination of inclusive top-quark pair production cross-section measurements using ATLAS and CMS data at $\sqrt{s} = 7$ and 8 TeV	Journal of High Energy Physics 07 (2023) 213, DOI:10.1007/JHEP07(2023)213 ( <b>Scopus</b> )

172.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Constraints on anomalous Higgs boson couplings to vector bosons and fermions from the production of Higgs bosons using the $\tau\tau$ final state	Physical Review D 108 (2023) 3, 032013, DOI: 10.1103/PhysRevD.108.032013 ( <b>Scopus</b> )
173.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Evidence for four-top quark production in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B 844 (2023) 138076, DOI:10.1016/j.physletb.2023.138076 ( <b>Scopus</b> )
174.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	First measurement of the forward rapidity gap distribution in pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV	Physical Review D108 (2023) 9, 092004, DOI:10.1103/PhysRevD.108.092004 ( <b>Scopus</b> )
175.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	First measurement of the top quark pair production cross section in proton-proton collisions at $\sqrt{s} = 13.6$ TeV	Journal of High Energy Physics 08 (2023) 204, DOI:10.1007/JHEP08(2023)204 ( <b>Scopus</b> )
176.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of inclusive and differential cross sections for single top quark production in association with a W boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 046, DOI:10.1007/JHEP07(2023)046 ( <b>Scopus</b> )
177.	Slabospitsky S.R. (Hayrapetyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurements of inclusive and differential cross sections for the Higgs boson production and decay to four-leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 08 (2023) 040, DOI:10.1007/JHEP08(2023)040 ( <b>Scopus</b> )
178.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurements of jet multiplicity and jet transverse momentum in multijet events in proton-proton collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C 83 (2023) 8, 742, DOI:10.1140/epjc/s10052-023-11753-y ( <b>Scopus</b> )
179.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurements of the azimuthal anisotropy of prompt and nonprompt charmonia in PbPb collisions at $s_{NN} = 5.02$ TeV	Journal of High Energy Physics 10 (2023) 115, DOI:10.1007/JHEP10(2023)115 ( <b>Scopus</b> )
180.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the $B_S \rightarrow \mu^+\mu^-\mu^+\mu^-$ decay properties and search for the $B_0 \rightarrow \mu^+\mu^-\mu^+\mu^-$ decay in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B842 (2023) 137955, DOI:10.1016/j.physletb.2023.137955 ( <b>Scopus</b> )
181.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the cross section of top quark-antiquark pair production in association with a W boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 219, DOI:10.1007/JHEP07(2023)219 ( <b>Scopus</b> )
182.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the dependence of the hadron production fraction ratios $f_s/f_u$ , $f_d/f_u$ and $f_d/f_u$ on B meson kinematic variables in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review Letters 131 (2023) 121901, DOI:10.1103/PhysRevLett.131.121901 ( <b>Scopus</b> )

	Collaboration))		
183.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the differential $t\bar{t}$ production cross section as a function of the jet mass and extraction of the top quark mass in hadronic decays of boosted top quarks	The European Physical Journal C 83 (2023) 7, 560, DOI:10.1140/epjc/s10052-023-11587-8 ( <b>Scopus</b> )
184.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the electroweak production of $W\gamma\gamma$ in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review D108 (2023) 3, 032017, DOI:10.1103/PhysRevD.108.032017 ( <b>Scopus</b> )
185.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the Higgs boson inclusive and differential fiducial production cross sections in the diphoton decay channel with pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 091, DOI:10.1007/JHEP07(2023)091 ( <b>Scopus</b> )
186.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurements of the Higgs boson production cross section and couplings in the W boson pair decay channel in proton-proton collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C 83 (2023) 7, 667, DOI:10.1140/epjc/s10052-023-11632-6 ( <b>Scopus</b> )
187.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurements of Higgs boson production in the decay channel with a pair of $\tau\tau$ leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C 83 (2023) 7, 562, DOI:10.1140/epjc/s10052-023-11452-8 ( <b>Scopus</b> )
188.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the mass dependence of the transverse momentum of lepton pairs in Drell-Yan production in proton-proton collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C 83 (2023) 7, 628, DOI:10.1140/epjc/s10052-023-11631-7 ( <b>Scopus</b> )
189.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the $t\bar{t}$ charge asymmetry in events with highly Lorentz-boosted top quarks in pp collisions at $\sqrt{s} = 13$ TeV	Physics Letters B 846 (2023) 137703, DOI:10.1016/j.physletb.2023.137703 ( <b>Scopus</b> )
190.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the top quark mass using a profile likelihood approach with the lepton + jets final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	The European Physical Journal C 83 (2023) 10, 963, DOI:10.1007/JHEP09(2023)057 ( <b>Scopus</b> )
191.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Measurement of the top quark pole mass using $t\bar{t}+jet$ events in the dilepton final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 077, DOI:10.1007/JHEP07(2023)077 ( <b>Scopus</b> )
192.	Slabospitsky S.R. (Acar B.,... Slabospitsky S.R. et al., (CMS HGCAL Collaboration))	Neutron irradiation and electrical characterisation of the first 8" silicon pad sensor prototypes for the CMS calorimeter endcap upgrade	Journal of Instrumentation 18 (2023) 08, P08024, DOI:10.1088/1748-0221/18/08/P08024 ( <b>Scopus</b> )

193.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Observation of electroweak $W+W^-$ pair production in association with two jets in proton-proton collisions at $\sqrt{s} = 13\text{TeV}$	Physics Letters B 841 (2023) 137495, DOI: 10.1016/j.physletb.2022.137495 ( <b>Scopus</b> )
194.	Slabospitsky S.R. (Hayrapetyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Observation of four top quark production in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$	Physics Letters B 847 (2023) 138290, DOI:10.1016/j.physletb.2023.138290 ( <b>Scopus</b> )
195.	Slabospitsky S.R. (Hayrapetyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Observation of the rare decay of the $\eta$ meson to four muons	Physical Review Letters 131 (2023) 9, 091903, DOI:10.1103/PhysRevLett.131.091903 ( <b>Scopus</b> )
196.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Observation of triple $J/\psi$ meson production in proton-proton collisions	Nature Physics 19 (2023) 3, 338-350, Nature Physics 19 (2023) 3, 461 (erratum), DOI:10.1038/s41567-022-01838-y ( <b>Scopus</b> )
197.	Slabospitsky S.R. (Acar B.,... Slabospitsky S.R. et al., (CMS and CALICE Collaborations))	Performance of the CMS High Granularity Calorimeter prototype to charged pion beams of 20-300 GeV/c	Journal of Instrumentation 18 (2023) 08, P08014, DOI:10.1088/1748-0221/18/08/P08014 ( <b>Scopus</b> )
198.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Performance of the local reconstruction algorithms for the CMS hadron calorimeter with Run 2 data	Journal of Instrumentation 18 (2023) 11, P11017, DOI:10.1088/1748-0221/18/11/P11017 ( <b>Scopus</b> )
199.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Precision measurement of the Z boson invisible width in pp collisions at $\sqrt{s}=13\text{ TeV}$	Physics Letters B 842 (2023) 137563, DOI:10.1016/j.physletb.2022.137563 ( <b>Scopus</b> )
200.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Probing Heavy Majorana Neutrinos and the Weinberg Operator through Vector Boson Fusion Processes in Proton-Proton Collisions at $\sqrt{s} = 13\text{ TeV}$	Physical Review Letters 131 (2023) 1, 011803, DOI:10.1103/PhysRevLett.131.011803 ( <b>Scopus</b> )
201.	Slabospitsky S.R (Tumasyan, A., Adam, W., Andrejkovic, J.W., ... Slabospitsky S.R....Zhizhin, I., Zhokin, A.)	Probing Small Bjorken-x Nuclear Gluonic Structure via Coherent $J=\psi$ Photoproduction in Ultraperipheral Pb-Pb Collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$	Physical Review Letters, 2023, 131(26), 262301 ( <b>Scopus</b> )
202.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Proton reconstruction with the CMS-TOTEM Precision Proton Spectrometer	Journal of Instrumentation 18 (2023) 09, P09009, DOI:10.1088/1748-0221/18/09/P09009 ( <b>Scopus</b> )

203.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Reconstruction of decays to merged photons using end-to-end deep learning with domain continuation in the CMS detector	Physical Review D108 (2023) 5, 052002, DOI:10.1103/PhysRevD.108.052002 ( <b>Scopus</b> )
204.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for a charged Higgs boson decaying into a heavy neutral Higgs boson and a W boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 09 (2023) 032, DOI:10.1007/JHEP09(2023)032 ( <b>Scopus</b> )
205.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for a heavy composite Majorana neutrino in events with dilepton signatures from proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B 843 (2023) 137803, DOI:10.1016/j.physletb.2023.137803 ( <b>Scopus</b> )
206.	Slabospitsky S.R. (Hayrapetyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for a high-mass dimuon resonance produced in association with b quark jets at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 10 (2023) 043, DOI:10.1007/JHEP10(2023)043 ( <b>Scopus</b> )
207.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for a vector-like quark $T' \rightarrow t H$ via the diphoton decay mode of the Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 09 (2023) 057, DOI:10.1007/JHEP09(2023)057 ( <b>Scopus</b> )
208.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for a massive scalar resonance decaying to a light scalar and a Higgs boson in the four b quarks final state with boosted topology	Physics Letters B 842 (2023) 137392, DOI:10.1016/j.physletb.2022.137392 ( <b>Scopus</b> )
209.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for CP violating top quark couplings in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 023, DOI:10.1007/JHEP07(2023)023 ( <b>Scopus</b> )
210.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for CP violation using $t\bar{t}$ events in the lepton+jets channel in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 06 (2023) 081, DOI:10.1007/JHEP06(2023)081 ( <b>Scopus</b> )
211.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for CPCP violation in $t\bar{t}H$ and $tH$ production in multilepton channels in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 092, DOI:10.1007/JHEP07(2023)092 ( <b>Scopus</b> )
212.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for direct pair production of supersymmetric partners of $\tau\tau$ leptons in the final state with two hadronically decaying $\tau\tau$ leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review D 108 (2023) 1, 012011, DOI:10.1103/PhysRevD.108.012011 ( <b>Scopus</b> )
213.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for electroweak production of charginos and neutralinos at $\sqrt{s}=13$ TeV in final states containing hadronic decays of WW, WZ, or WH and missing	Physics Letters B 842 (2023) 137460, DOI:10.1016/j.physletb.2022.137460 ( <b>Scopus</b> )

	Collaboration))	transverse momentum	
214.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for heavy resonances and quantum black holes in $e\mu$ , $e\tau$ , and $\mu\tau$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 05 (2023) 227, DOI:10.1007/JHEP05(2023)227 ( <b>Scopus</b> )
215.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for Higgs Boson and Observation of Z Boson through their Decay into a Charm Quark-Antiquark Pair in Boosted Topologies in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV	Physical Review Letters 131 (2023) 4, 041801, DOI:10.1103/PhysRevLett.131.041801 ( <b>Scopus</b> )
216.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for Higgs Boson Decay to a Charm Quark-Antiquark Pair in Proton-Proton Collisions at $\sqrt{s} = 13$ TeV	Physical Review Letters 131 (2023) 6, 061801, DOI:10.1103/PhysRevLett.131.061801 ( <b>Scopus</b> )
217.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for Higgs boson decays to a Z boson and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 05 (2023) 233, DOI:10.1007/JHEP05(2023)233 ( <b>Scopus</b> )
218.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for Higgs boson decays into Z and $J/\psi$ and for Higgs and Z boson decays into $J/\psi$ or Y pairs in pp collisions at $\sqrt{s} = 13$ TeV	Physics Letters B 842 (2023) 137534, DOI:10.1016/j.physletb.2022.137534 ( <b>Scopus</b> )
219.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for Higgs boson pairs decaying to $WW^*WW^*$ , $WW^*\tau\tau$ , and $\tau\tau\tau\tau$ in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 095, DOI:10.1007/JHEP07(2023)095 ( <b>Scopus</b> )
220.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for high-mass exclusive $\gamma\gamma \rightarrow WW\gamma\gamma \rightarrow WW$ and $\gamma\gamma \rightarrow ZZ\gamma\gamma \rightarrow ZZ$ production in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 229, DOI:10.1007/JHEP07(2023)229 ( <b>Scopus</b> )
221.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for light Higgs bosons from supersymmetric cascade decays in pppp collisions at $\sqrt{s} = \text{TeV}$	The European Physical Journal C 83 (2023) 7, 571, DOI:10.1140/epjc/s10052-023-11581-0 ( <b>Scopus</b> )
222.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for long-lived particles decaying to a pair of muons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 05 (2023) 228, DOI:10.1007/JHEP05(2023)228 ( <b>Scopus</b> )
223.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for long-lived particles using out-of-time trackless jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 210, DOI:10.1007/JHEP07(2023)210 ( <b>Scopus</b> )

224.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for medium effects using jets from bottom quarks in PbPb collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Physics Letters B 844 (2023) 137849, DOI:10.1016/j.physletb.2023.137849 ( <b>Scopus</b> )
225.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for narrow resonances in the b- tagged dijet mass spectrum in proton- proton collisions at $\sqrt{s} = 13$ TeV	Physical Review D108 (2023) 1, 012009, DOI:10.1103/PhysRevD.108.012009 ( <b>Scopus</b> )
226.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for new heavy resonances decaying to WW, WZ, ZZ, WH, or ZH boson pairs in the all-jets final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B 844 (2023) 137813, DOI:10.1016/j.physletb.2023.137813 ( <b>Scopus</b> )
227.	Slabospitsky S.R. (Hayrapetyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for new physics in multijet events with at least one photon and large missing transverse momentum in proton- proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 10 (2023) 046, DOI:10.1007/JHEP10(2023)046 ( <b>Scopus</b> )
228.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for new physics in the $\tau$ lepton plus missing transverse momentum final state in proton-proton collisions at $\sqrt{s} =$ 13 TeV	Journal of High Energy Physics 09 (2023) 051, DOI:10.1007/JHEP09(2023)051 ( <b>Scopus</b> )
229.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for nonresonant Higgs boson pair production in final state with two bottom quarks and two tau leptons in proton- proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B 842 (2023) 137531, DOI:10.1016/j.physletb.2022.137531 ( <b>Scopus</b> )
230.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for nonresonant Higgs boson pair production in the four leptons plus twob jets final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 06 (2023) 130, DOI:10.1007/JHEP06(2023)130 ( <b>Scopus</b> )
231.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for Nonresonant Pair Production of Highly Energetic Higgs Bosons Decaying to Bottom Quarks	Physical Review Letters 131 (2023) 4, 041803, DOI:10.1103/PhysRevLett.131.041803 ( <b>Scopus</b> )
232.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for pair-produced vector-like leptons in final states with third- generation leptons and at least three b quark jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B 846 (2023) 137713, DOI:10.1016/j.physletb.2023.137713 ( <b>Scopus</b> )
233.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for pair production of vector-like quarks in leptonic final states in proton- proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 020, DOI:10.1007/JHEP07(2023)020 ( <b>Scopus</b> )
234.	Slabospitsky S.R (Tumasyan, A., Adam, W., Andrejkovic, J.W., ... Slabospitsky	Search for the Higgs boson decay to a pair of electrons in proton-proton collisions at $s=13$ TeV	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 846, 137783 ( <b>Scopus</b> )

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235.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for resonant and nonresonant production of pairs of dijet resonances in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 161, DOI:10.1007/JHEP07(2023)161 ( <b>Scopus</b> )
236.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for supersymmetry in final states with a single electron or muon using angular correlations and heavy-object identification in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 09 (2023) 149, DOI:10.1007/JHEP09(2023)149 ( <b>Scopus</b> )
237.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for the exotic decay of the Higgs boson into two light pseudoscalars with four photons in the final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 148, DOI:10.1007/JHEP07(2023)148 ( <b>Scopus</b> )
238.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for the Higgs boson decay to a pair of electrons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Letters B 846 (2023) 137783, DOI:10.1016/j.physletb.2023.137783 ( <b>Scopus</b> )
239.	Slabospitsky S.R. (Hayrapetyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for the lepton-flavor violating decay of the Higgs boson and additional Higgs bosons in the $e\mu\mu$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physical Review D 108 (2023) 7, 072004, DOI:10.1103/PhysRevD.108.072004 ( <b>Scopus</b> )
240.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for top squarks in the four-body decay mode with single lepton final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 06 (2023) 060, DOI:10.1007/JHEP06(2023)060 ( <b>Scopus</b> )
241.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Search for top squark pair production in a final state with at least one hadronically decaying tau lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 110 ( <b>Scopus</b> )
242.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Searches for additional Higgs bosons and for vector leptoquarks in $\tau\tau\tau$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics 07 (2023) 073, DOI:10.1007/JHEP07(2023)073 ( <b>Scopus</b> )
243.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Strange hadron collectivity in pPb and PbPb collisions	Journal of High Energy Physics 05 (2023) 007, DOI:10.1007/JHEP05(2023)007 ( <b>Scopus</b> )
244.	Slabospitsky S.R. (Tumasyan A.,... Slabospitsky S.R. et al. (CMS Collaboration))	Two-particle azimuthal correlations in $\gamma p$ interactions using pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV	Physics Letters B 844 (2023) 137905, DOI:10.1016/j.physletb.2023.137905 ( <b>Scopus</b> )
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247.	Khokhlov Yu.A. (Alexeev, G.D., Alexeev, M.G., Amoroso, A., ... Khokhlov Yu.A....Zemlyanichki na, E., Ziembicki, M.)	Double J/ψ production in pion-nucleon scattering at COMPASS	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2023, 838, 137702 <b>(Scopus)</b>
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250.	Черноверская В.В. (Нгуен Д. Х., Фам С. Х., Увайсов С.У., Черноверская В.В.)	Метод имитации отжига в задачах диагностирования аналоговых радиоэлектронных устройств	Фундаментальные, поисковые, прикладные исследования и инновационные проекты: сборник трудов Национальной научно- практической конференции./ под.ред. С.У.Увайсова – Москва: Ассоциация выпускников и сотрудников ВВИА им. проф. Жуковского, 2023, с.472-483 <a href="https://drive.google.com/file/d/1IRyVFjMDSL4oom3MTPHo_EASfAO0ooXR/view">https://drive.google.com/file/d/1IRyVFjMDSL4oom3MTPHo_EASfAO0ooXR/view</a> <b>(РИНЦ)</b>
251.	Черноверская В.В. (Увайсов С.У., Черноверская В.В., Иванов И.А., Раевский Г.П., Увайсова А.С.)	Методика обеспечения контролепригодности радиоэлектронных устройств	САПР электроники. Владимир: Издательство ООО «Научно- исследовательский институт «АСОНИКА». 2023. №3 (3) стр.70-80 <a href="https://asonika-online.ru/journal/issues">https://asonika-online.ru/journal/issues</a>
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254.	Черновверская В.В. (Увайсов С.У., Черновверская В.В., Нгуен К.Д., Лыу Н.Т.)	Применение искусственной нейронной сети в задаче ультразвуковой диагностики дефектов печатных плат радиоэлектронных устройств	Моделирование, оптимизация и информационные технологии. – 2023. – Т. 11, № 2(41). – С. 27-28. – DOI 10.26102/2310-6018/2023.41.2.020. <b>(ВАК)</b>
255.	Черновверская В.В. (Иванов В.С., Черновверская В.В., Воруничев Д.С. [и др.]	Программа автоматического размещения базовых станций транкинговых систем связи	Свидетельство о государственной регистрации программы для ЭВМ № 2023666635 Российская Федерация. № 2023665607: заявл. 24.07.2023: опубл. 02.08.2023 <b>(Программа для ЭВМ)</b>
256.	Черновверская В.В. (Увайсов С.У., Черновверская В.В., Нгуен К.Д., Лыу Н.Т.)	Программа идентификации конструктивных дефектов печатных плат на основе метода акустической эмиссии и применения искусственной нейронной сети	Свидетельство о государственной регистрации программы для ЭВМ № 2023683848 Российская Федерация. № 2023683035: заявл. 01.11.2023: опубл. 10.11.2023 <b>(Программа для ЭВМ)</b>
257.	Черновверская В.В. (Увайсов С.У., Черновверская В.В., Нгуен К.Д.)	Программа ультразвуковой диагностики конструктивных дефектов печатных плат с применением искусственной нейронной сети	Свидетельство о государственной регистрации программы для ЭВМ № 2023619947 Российская Федерация. № 2023618080: заявл. 27.04.2023: опубл. 17.05.2023 <b>(Программа для ЭВМ)</b>
258.	Черновверская В.В. (Сухих В.В., Черновверская В.В.)	Проектирование приемного узла ретранслятора базовой станции транкинговых систем связи	Инновационные идеи молодых исследователей: Сборник научных статей по материалам XII Международной научно-практической конференции, Уфа, 13 июня 2023 года. – Уфа: Общество с ограниченной ответственностью "Научно-издательский центр "Вестник науки", 2023. – С. 37-44. <b>(РИНЦ)</b>
259.	Shapkin M.M. (Aaij, R., Abdelmotteleb, A.S.W., Abellan Beteta, C.,... Shapkin M. ...Zuliani, D., Zunica, G.)	Erratum to: Observation of the $B \rightarrow J\psi \eta' K$	Journal of High Energy Physics, 2023, 2023(10), 150 <b>(Scopus)</b>
260.	Shapkin M.M. (Cao, L., Bernlochner, F., Tackmann, K.,... Shapkin M. ...Zhilich, V., Zhukova, V.)	First Simultaneous Determination of Inclusive and Exclusive $ V_{ub} $	Physical Review Letters, 2023, 131(21), 211801 <b>(Scopus)</b>
261.	Shapkin M.M. (Aaij, R., Abdelmotteleb, A.S.W., Abellan Beteta, C.,... Shapkin M. ...Zuliani, D., Zunica, G.)	Measurement of the $\Lambda_b^0 \rightarrow \Lambda (1520)\mu^+\mu^-$ Differential Branching Fraction	Physical Review Letters, 2023, 131(15), 151801 <b>(Scopus)</b>
262.	Shapkin M.M. (Aaij, R., Abdelmotteleb, A.S.W., Abellan Beteta, C.,... Shapkin M. ...Zuliani, D., Zunica, G.)	Measurement of the CKM angle $\gamma$ using the $B \pm \rightarrow D^* h \pm$ channels	Journal of High Energy Physics, 2023, 2023(12), 13 <b>(Scopus)</b>
263.	Shapkin M.M. (Aaij, R., Abdelmotteleb, A.S.W., Abellan Beteta, C.,... Shapkin M. ...Zuliani, D.,	Precision Measurement of CP Violation in the Penguin-Mediated	Physical Review Letters, 2023, 131(17), 171802 <b>(Scopus)</b>

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264.	Shapkin M.M. (Aaij, R., Abdelmotteleb, A.S.W., Abellan Beteta, C., Shapkin M....Zuliani, D., Zunica, G.)	Observation of New Baryons in the $\Xi_b^- \pi^+ \pi^-$ and $\Xi_b^0 \pi^+ \pi^-$ Systems	Physical Review Letters, 2023, 131(17), 171901 ( <b>Scopus</b> )
265.	Shapkin M.M. (Aaij, R., Abdelmotteleb, A.S.W., Abellan Beteta, C., Shapkin M....Zuliani, D., Zunica, G.)	Observation of the decays $B(s)0 \rightarrow Ds1(2536)^{\mp} K^{\pm}$	Journal of High Energy Physics, 2023, 2023(10), 106 ( <b>Scopus</b> )
266.	Shapkin M.M. (Aaij, R., Abdelmotteleb, A.S.W., Abellan Beteta, C.,... Shapkin M. ...Zuliani, D., Zunica, G.)	Precision Measurement of CP Violation in the Penguin-Mediated Decay $Bs0 \rightarrow \phi\phi$	Physical Review Letters, 2023, 131(17), 171802 ( <b>Scopus</b> )
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268.	Shapkin M.M. (Moon, H.K., Won, E., Adachi, I.,... Shapkin M. ...Zhilich, V., Zhukova, V.)	Search for CP violation in $D(s)^+ \rightarrow k^+ K_S^0 h^+ h^-$ ( $h=K, \pi$ ) decays and observation of the Cabibbo-suppressed decay $Ds^+ \rightarrow k^+ K^- K_S^0 \pi^+$	Physical Review D, 2023, 108(11), L111102 ( <b>Scopus</b> )
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