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175	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	European Physics Journal C	2023	83	7	667			10.1140/epjc/s10052-023-11632-6	Ф			статья (article)	CMS Collaboration
176	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the differential tt production cross section as a function of the jet mass and extraction of the top quark mass in hadronic decays of boosted top quarks	European Physics Journal C	2023	83	7	560			10.1140/epjc/s10052-023-11587-8	Ф			статья (article)	CMS Collaboration
177	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	CMS PYTHIA 8 colour reconnection tunes based on underlying-event data	European Physics Journal C	2023	83	7	587			10.1140/epjc/s10052-023-11630-8	Ф			статья (article)	CMS Collaboration
178	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for light Higgs bosons from supersymmetric cascade decays in pp collisions at $\sqrt{s} = 13$ TeV	European Physics Journal C	2023	83	7	571			10.1140/epjc/s10052-023-11581-0	Ф			статья (article)	CMS Collaboration
179	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurements of Higgs boson production in the decay channel with a pair of τ leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV	European Physics Journal C	2023	83	7	562			10.1140/epjc/s10052-023-11452-8	Ф			статья (article)	CMS Collaboration
180	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Azimuthal correlations in Z+jets events in proton-proton collisions at $\sqrt{s} = 13$ TeV	European Physics Journal C	2023	83	9	722			10.1140/epjc/s10052-023-11833-z	Ф			статья (article)	CMS Collaboration
181	E. Kuznetsova, G. Gavrilov, V. Golovtsov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Smirnov, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	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	2023	2023	6	60			10.1007/JHEP06(2023)060	Ф			статья (article)	CMS Collaboration
182	E. Kuznetsova, G. Gavrilov, V. Golovtsov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Smirnov, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	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	2023	2023	5	228			10.1007/JHEP05(2023)228	Ф			статья (article)	CMS Collaboration
183	E. Kuznetsova, G. Gavrilov, V. Golovtsov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Smirnov, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Search for heavy resonances and quantum black holes in e μ , e τ , and $\mu\tau$ final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2023	2023	5	227			10.1007/JHEP05(2023)227	Ф			статья (article)	CMS Collaboration

184	E. Kuznetsova, G. Gavrilov, V. Golovtsov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Smirnov, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	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	2023	2023	6	81				10.1007/JHEP06(2023)081	Φ			статья (article)	CMS Collaboration
185	E. Kuznetsova, G. Gavrilov, V. Golovtsov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Smirnov, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Strange hadron collectivity in pPb and PbPb collisions	Journal of High Energy Physics	2023	2023	5	7				10.1007/JHEP05(2023)007	Φ			статья (article)	CMS Collaboration
186	E. Kuznetsova, G. Gavrilov, V. Golovtsov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Smirnov, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	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	2023	2023	5	233				10.1007/JHEP05(2023)233	Φ			статья (article)	CMS Collaboration
187	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	8	40				10.1007/JHEP08(2023)040	Φ			статья (article)	CMS Collaboration
188	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	7	110				10.1007/JHEP07(2023)110	Φ			статья (article)	CMS Collaboration
189	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	7	210				10.1007/JHEP07(2023)210	Φ			статья (article)	CMS Collaboration
190	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Azimuthal anisotropy of dijet events in PbPb collisions at $\sqrt{s(NN)} = 5.02$ TeV	Journal of High Energy Physics	2023	2023	7	139				10.1007/JHEP07(2023)139	Φ			статья (article)	CMS Collaboration
191	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	7	20				10.1007/JHEP07(2023)020	Φ			статья (article)	CMS Collaboration
192	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	7	91				10.1007/JHEP07(2023)091	Φ			статья (article)	CMS Collaboration
193	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	7	219				10.1007/JHEP07(2023)219	Φ			статья (article)	CMS Collaboration

194	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Searches for additional Higgs bosons and for vector leptoquarks in final states in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2023	2023	7	73				10.1007/JHEP07(2023)073	Φ			статья (article)	CMS Collaboration
195	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for CP violation in ttH and tH production in multilepton channels in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2023	2023	7	92				10.1007/JHEP07(2023)092	Φ			статья (article)	CMS Collaboration
196	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	7	148				10.1007/JHEP07(2023)148	Φ			статья (article)	CMS Collaboration
197	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	7	46				10.1007/JHEP07(2023)046	Φ			статья (article)	CMS Collaboration
198	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	7	77				10.1007/JHEP07(2023)077	Φ			статья (article)	CMS Collaboration
199	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for Higgs boson pairs decaying to WWWW, WW $\mu\mu$, and $\mu\mu\mu\mu$ in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2023	2023	7	95				10.1007/JHEP07(2023)095	Φ			статья (article)	CMS Collaboration
200	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	7	161				10.1007/JHEP07(2023)161	Φ			статья (article)	CMS Collaboration
201	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for CP violating top quark couplings in pp collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2023	2023	7	23				10.1007/JHEP07(2023)023	Φ			статья (article)	CMS Collaboration
202	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for high-mass exclusive $\gamma\gamma \rightarrow WW$ and $\gamma\gamma \rightarrow ZZ$ production in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2023	2023	7	229				10.1007/JHEP07(2023)229	Φ			статья (article)	CMS Collaboration
203	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	2023	9	204				10.1007/JHEP08(2023)204	Φ			статья (article)	CMS Collaboration

204	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for a vector-like quark $T \rightarrow tH$ via the diphoton decay mode of the Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Journal of High Energy Physics	2023	2023	9	57				10.1007/JHEP09(2023)057	Φ			статья (article)	CMS Collaboration
205	E. Kuznetsova, G. Gavrilov, V. Golovtcov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Measurements of the azimuthal anisotropy of prompt and nonprompt charmonia in PbPb collisions at $\sqrt{s_{NN}} = 5.025$ TeV	Journal of High Energy Physics	2023	10		115			JHEP 10 (2023) 115	DOI:10.1007/JHEP10(2023)115	Φ			статья (article)	CMS Collaboration
206	G. Gavrilov, V. Golovtcov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Oreshkin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Search for a high-mass dimuon resonance produced in association with b quark jets at $\sqrt{s} = 13.5$ TeV	Journal of High Energy Physics	2023	10		43			JHEP 10 (2023) 043	DOI:10.1007/JHEP10(2023)043	Φ			статья (article)	CMS Collaboration
207	G. Gavrilov, V. Golovtcov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Oreshkin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Search for new physics in multijet events with at least one photon and large missing transverse momentum in proton-proton collisions at 13 TeV	Journal of High Energy Physics	2023	10		46			JHEP 10 (2023) 046	DOI:10.1007/JHEP10(2023)046	Φ			статья (article)	CMS Collaboration
208	Gavrilov G., Golovtcov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Proton reconstruction with the CMS-TOTEM Precision Proton Spectrometer	Journal of Instrumentation	2023	18	9	P09009				10.1088/1748-0221/18/09/P09009	Φ			статья (article)	CMS Collaboration
209	E. Kuznetsova, G. Gavrilov, V. Golovtcov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, D. Sosnov, V. Sulimov, L. Uvarov	CMS Collaboration	Performance of the local reconstruction algorithms for the CMS hadron calorimeter with Run 2 data	Journal of Instrumentation	2023	18		11017			JINST 18 (2023) P11017	DOI:10.1088/1748-0221/18/11/P11017	Φ			статья (article)	CMS Collaboration
210	G. Gavrilov, V. Golovtcov, Y. Ivanov, V. Kim, E. Kuznetsova, P. Levchenko, V. Murzin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Search for the Higgs boson decay to a pair of electrons in proton-proton collisions at $\sqrt{s} = 13.5$ TeV	Physical Letters B	2023	846		137783			Phys. Lett. B 846 (2023) 137783	DOI:10.1016/j.physletb.2023.137783	Φ			статья (article)	CMS Collaboration
211	G. Gavrilov, V. Golovtcov, Y. Ivanov, V. Kim, E. Kuznetsova, P. Levchenko, V. Murzin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Measurement of the $S_T \bar{b} \rightarrow tS$ charge asymmetry in events with highly Lorentz-boosted top quarks in pp collisions at $\sqrt{s} = 13$ TeV	Physical Letters B	2023	846		137703			Phys. Lett. B 846 (2023) 137703	DOI:10.1016/j.physletb.2023.137703	Φ			статья (article)	CMS Collaboration
212	G. Gavrilov, V. Golovtcov, Y. Ivanov, V. Kim, E. Kuznetsova, P. Levchenko, V. Murzin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	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 $\sqrt{s} = 13.5$ TeV	Physical Letters B	2023	846		137713			Phys. Lett. B 846 (2023) 137713	DOI:10.1016/j.physletb.2023.137713	Φ			статья (article)	CMS Collaboration
213	G. Gavrilov, V. Golovtcov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Oreshkin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Observation of four top quark production in proton-proton collisions at $\sqrt{s} = 13.5$ TeV	Physical Letters B	2023	847		138290			Phys. Lett. B 847 (2023) 138290	DOI:10.1016/j.physletb.2023.138290	Φ			статья (article)	CMS Collaboration
214	G. Gavrilov, V. Golovtcov, Y. Ivanov, V. Kim, E. Kuznetsova, P. Levchenko, V. Murzin, V. Oreshkin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	First measurement of the forward rapidity gap distribution in pPb collisions at $\sqrt{s_{NN}} = 8.165$ TeV	Physical Review D	2023	108		92004			Phys. Rev. D 108 (2023) 092004	DOI:10.1103/PhysRevD.108.092004	Φ			статья (article)	CMS Collaboration

215	G. Gavrilov, V. Golovtsov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Oreshkin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Search for the lepton-flavor violating decay of the Higgs boson and additional Higgs bosons in the $S\mu\mu S$ final state in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$	Physical Review D	2023	108	72004			Phys. Rev. D 108 (2023) 072004	DOI:10.1103/PhysRevD.108.072004	Φ			статья (article)	CMS Collaboration
216	G. Gavrilov, V. Golovtsov, Y. Ivanov, V. Kim, E. Kuznetsova, P. Levchenko, V. Murzin, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	CMS Collaboration	Observation of $S\tau S$ lepton pair production in ultraperipheral lead-lead collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$	Physical Review Letters	2023	131	151803			Phys. Rev. Lett. 131 (2023) 151803	DOI:10.1103/PhysRevLett.131.151803	Φ			статья (article)	CMS Collaboration
217	E. Kuznetsova, G. Gavrilov, V. Golovtsov, Y. Ivanov, V. Kim, P. Levchenko, V. Murzin, V. Smirnov, D. Sosnov, V. Sulimov, L. Uvarov, A. Vorobyev	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	2023	841	137495				10.1016/j.physletb.2022.137495	Φ			статья (article)	CMS Collaboration
218	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the $B^0 \rightarrow \mu^+\mu^-$ decay properties and search for the $B^0 \rightarrow \mu^+\mu^-$ decay in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$	Physics Letters B	2023	842	137955				10.1016/j.physletb.2023.137955	Φ			статья (article)	CMS Collaboration
219	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for a heavy composite Majorana neutrino in events with dilepton signatures from proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$	Physics Letters B	2023	843	137803				10.1016/j.physletb.2023.137803	Φ			статья (article)	CMS Collaboration
220	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Precision measurement of the Z boson invisible width in pp collisions at $\sqrt{s} = 13\text{ TeV}$	Physics Letters B	2023	842	137563				10.1016/j.physletb.2022.137563	Φ			статья (article)	CMS Collaboration
221	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for Higgs boson decays into Z and J/ψ and for Higgs and Z boson decays into J/ψ or Y pairs in pp collisions at $\sqrt{s} = 13\text{ TeV}$	Physics Letters B	2023	842	137534				10.1016/j.physletb.2022.137534	Φ			статья (article)	CMS Collaboration
222	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for electroweak production of charginos and neutralinos at $\sqrt{s} = 13\text{ TeV}$ in final states containing hadronic decays of WW, WZ, or WH and missing transverse momentum	Physics Letters B	2023	842	137460				10.1016/j.physletb.2022.137460	Φ			статья (article)	CMS Collaboration
223	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	842	137392				10.1016/j.physletb.2022.137392	Φ			статья (article)	CMS Collaboration
224	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Evidence for four-top quark production in proton-proton collisions at $\sqrt{s} = 13\text{ TeV}$	Physics Letters B	2023	844	138076				10.1016/j.physletb.2023.138076	Φ			статья (article)	CMS Collaboration
225	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smirnov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for medium effects using jets from bottom quarks in PbPb collisions at $\sqrt{s_{NN}} = 5.02\text{ TeV}$	Physics Letters B	2023	844	137849				10.1016/j.physletb.2023.137849	Φ			статья (article)	CMS Collaboration

226	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	2023	844		137813			10.1016/j.physletb.2023.137813	Φ			статья (article)	CMS Collaboration
227	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Two-particle azimuthal correlations in γ p interactions using pPb collisions at $\sqrt{s_{NN}} = 8.16$ TeV	Physics Letters B	2023	844		137905			10.1016/j.physletb.2023.137905	Φ			статья (article)	CMS Collaboration
228	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for new physics using effective field theory in 13 TeV pp collision events that contain a top quark pair and a boosted Z or Higgs boson	Physics Review D	2023	108	3	32008			10.1103/PhysRevD.108.032008	Φ			статья (article)	CMS Collaboration
229	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	production of supersymmetric partners of τ leptons in the final state with two hadronically decaying τ leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Review D	2023	108	1	12011			10.1103/PhysRevD.108.012011	Φ			статья (article)	CMS Collaboration
230	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	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	Physics Review D	2023	108	3	32013			10.1103/PhysRevD.108.032013	Φ			статья (article)	CMS Collaboration
231	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for narrow resonances in the b-tagged dijet mass spectrum in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Review D	2023	108	3	12009			10.1103/PhysRevD.108.012009	Φ			статья (article)	CMS Collaboration
232	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of the electroweak production of $W\gamma$ in association with two jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Review D	2023	108	1	32017			10.1103/PhysRevD.108.032017	Φ			статья (article)	CMS Collaboration
233	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Oreshkin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Measurement of differential cross sections for the production of a Z boson in association with jets in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Review D	2023	108	5	52004			10.1103/PhysRevD.108.052004	Φ			статья (article)	CMS Collaboration
234	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for boosted Higgs boson decay to a charm quark-antiquark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Review Letters	2023	131	4	41801			10.1103/PhysRevLett.131.041801	Φ			статья (article)	CMS Collaboration
235	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Probing heavy Majorana neutrinos and the Weinberg operator through vector boson fusion processes in proton-proton collisions at $\sqrt{s} = 13$ TeV	Physics Review Letters	2023	131	1	11803			10.1103/PhysRevLett.131.011803	Φ			статья (article)	CMS Collaboration
236	Gavrilov G., Golovtsov V., Ivanov Y., Kim V., Kuznetsova E., Murzin V., Smimov V., Sosnov D., Sulimov V., Uvarov L., Vorobyev A.	CMS Collaboration	Search for nonresonant pair production of highly energetic Higgs bosons decaying to bottom quarks	Physics Review Letters	2023	131	4	41803			10.1103/PhysRevLett.131.041803	Φ			статья (article)	CMS Collaboration

