Кількість статей за 2020 рік				Тези, *кількість*
у вітчизняних виданнях	у зарубіжних виданнях	у препринтах	у наукових фахових журналах (вітчизняних і зарубіжних), що входять до міжнародних баз даних	
37	143	16	141	150

Публікації у виданнях, які індексуються у міжнародних наукометричних базах даних

Стаття	Наукометрична база даних, в якій проіндексовано журнал	Квартіль наукового журналу (Q) для статей	Адреса публікації
P.Belli, ... F. A. Danevich, ... D. V. Kasperovych, V. V. Kobychev, ... O.G. Polischuk, ... V. I. Tretyak. Search for α decay of naturally occurring osmium nuclides accompanied by γ quanta. Phys. Rev. C 102 (2020) 024605, 10 p.	Scopus WoS	Q1 Q2	https://journals.aps.org/prc/abstract/10.1103/PhysRevC.102.024605
F. A. Danevich, ... D. V. Kasperovych, ... O.G.Polischuk, ... V.I.Tretyak. First search for α decays of naturally occurring Hf nuclides with emission of γ quanta. Eur. J. Phys. A 56 (2020) 5, 10 p.	Scopus WoS	Q2 Q4	https://link.springer.com/article/10.1140/epja/s10050-019-00005-x
P.Belli, ... F.A. Danevich, ... D. V. Kasperovych, V. R. Klavdiiendko, V.V.Kobychev, ... O. G. Polischuk, V. I. Tretyak, M. M. Zarytskyy, Search for Double Beta Decay of 106Cd with an Enriched 106CdWO4 Crystal Scintillator in Coincidence with CdWO4 Scintillation Counters, Universe 6 (2020) 182.	Scopus WoS	Q2 Q3	https://www.mdpi.com/2218-1997/6/10/182
Хомич І. А., Ковалінська Т. В., Сахно В. І., Іванов Ю. В. Ефективність та перспективи реалізації заходів кваліфікації обладнання, важливого для безпеки у вітчизняній ядерній енергетиці	Scopus та WoS	Q3	https://doi.org/10.15407/jnpae2020.01
Zheltonozhsky V.A., Savrasov A.M., Zheltonozhskaya M.V., Chernyaev A.P. Excitation of 177,178Lu in reactions with bremsstrahlung with escaping of charged particles	Scopus та WoS	Q3	https://doi.org/10.1016/j.nimb.2020.04.012
Желтоножський В.О., Мизніков Д.Є., Саврасов А.М., Слісенко В.І. Дослідження	Scopus та WoS	Q3	https://doi.org/10.15407/jnpae2020.01

заселення ^{7}Be в реакціях з гальмівними γ-квантами в широкому діапазоні величин енергії			
Zheltonozhsky V.A., Zheltonozhskaya M.V., Savrasov A.M. et al. Studying the Activation of 177Lu in (γ, pxn) Reactions.	Scopus та WoS	-	https://doi.org/10.3103/S1062873820080328
Magner A.G., Sanzhur A.I., Fedotkin S.N., Levon A.I., and Shlomo S. / Level density within a micro-macroscopic approach	Scopus	-	arXiv:2006.03868 [nucl-th]
Levon A.I., Bucurescu D. ,Costache C., Fesnerman T., Hertenberger R., Ionescu A., Lica R., Magner A.G., Mihai C., Nita R., Shevchenko K.P., Turturica A.,Wirth H.-F. / High resolution study of excited states in ^{158}Gd with the (p,t) reaction	Scopus	Q1	https://doi.org/10.1103/PhysRevC.102.014308
Gaidar G.P. "Thermo-emf anisotropy and thermoefficiency parameter of the elastically deformed germanium and silicon with different doping levels"	Scopus; WoS	-	DOI: https://doi.org/10.15330/pcss.21.3.445-452
Gaidar G.P., Baranskii P.I. "Effect of different heat treatment regimes on electrical properties and microstructure of n-Si"	Scopus; EBSCO; ProQuest; Google Scholar	Q3	DOI: https://doi.org/10.21272/jnep.12(4).04003
Alef S., ..., Romaniuk M., et all. The BGO-OD experimental setup at ELSA	Scopus	-	https://link.springer.com/article/10.1140/epja/s10050-020-00107-x
I.C.Bandac, …, F.A.Danevich, …, V.I.Tretyak, ... The 0ν2β-decay CROSS experiment: preliminary results and prospects. JHEP 01(2020)018, 31 p.	Scopus WoS	Q2 Q1	https://link.springer.com/article/10.1007/JHEP01(2020)018
S.K.Agarwalla,…, V.Kobychev, ... Constraints on flavor-diagonal non-standard neutrino interactions from Borexino Phase-II. JHEP 02 (2020) 038, 29 p.	Scopus WoS	Q2 Q1	https://link.springer.com/article/10.1007/JHEP02(2020)038
E.Armengaud, ... F.A.Danevich, ... V.V.Kobychev, ... The CUPID-Mo experiment for neutrinoless double-beta decay: performance and prospects. Eur. Phys. J. C 80 (2020) 44, 15 p.	Scopus WoS	Q1 Q1	https://link.springer.com/article/10.1140/epjc/s10052-019-7578-6
E.Armengaud, ... F.A.Danevich, ... V.V.Kobychev, ... O.G.Polischuk, ... V.I.Tretyak ... Precise measurement of 2νββ decay of 100Mo with the CUPID-Mo detection technology. Eur. Phys. J. C 80 (2020) 674, 10 p.	Scopus WoS	Q1 Q1	https://link.springer.com/article/10.1140/epjc/s10052-020-8203-4
M.Agostini, ... V.Kobychev, ... Comprehensive geoneutrino analysis with Borexino. Phys. Rev. D 101 (2020) 012009, 63 p.	Scopus WoS	Q1 Q1	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.101.012009
M.Agostini, ... V.Kobychev, ... Improved measurement of 8B solar neutrinos with 1.5 kt	Scopus WoS	Q1 Q1	https://journals.aps.org/prd/abstract/10.1103/P

y of Borexino exposure. Phys. Rev. D 101 (2020) 012009, 14 p.			hysRevD.101.062001
F. A. Danevich, ... D. V. Kasperovych, V. R. Klavdiienko, ... O. G. Polischuk, V. I. Tretyak. Decay scheme of 50V. Phys. Rev. C 102 (2020) 024319, 8 p.	Scopus WoS	Q1 Q2	https://journals.aps.org/prc/abstract/10.1103/PhysRevC.102.024319
P. Belli ... F. A. Danevich, ... D. V. Kasperovych, ... O. G. Polischuk, V. I. Tretyak. Measurements of ZnWO4 anisotropic response to nuclear recoils for the ADAMO project. Eur. J. Phys. A 56 (2020) 83, 11 p.	Scopus WoS	Q2 Q4	https://link.springer.com/article/10.1140/epja/s10050-020-00094-z
V.Ya.Degoda, F.A.Danevich et al. Luminescence of Li2W1-0.05Mo0.05O4 crystal under X-ray excitation. Optik 206 (2020) 164273, 7 p.	Scopus WoS	Q2 Q2	https://www.sciencedirect.com/science/article/abs/pii/S0030402620301078
R.Arnold, ... V.I.Tretyak. Search for the double-beta decay of 82Se to the excited states of 82Kr with NEMO-3. Nucl. Phys. A 996 (2020) 121701, 21 p.	Scopus WoS	Q2 Q3	https://www.sciencedirect.com/science/article/abs/pii/S0375947420300117
F.A.Danevich, ... D.V. Kasperovych, ... O.G.Polischuk, ... V.I.Tretyak. First search for 2ε and $\varepsilon\beta^+$ decay of ^{174}Hf. Nucl. Phys. A 996 (2020) 121703, 14 p.	Scopus WoS	Q2 Q3	https://www.sciencedirect.com/science/article/abs/pii/S0375947420300130
A.V.Rakhimov, ... V.I.Tretyak, ... Development of methods for the preparation of radiopure 82Se sources for the SuperNEMO neutrinoless double-beta decay experiment. Radiochim. Acta 108 (2020) 87-97.	Scopus WoS	Q3 Q3	https://www.degruyter.com/view/journals/ract/108/2/article-p87.xml?language=en
A. Aliane, ... F. A. Danevich, ... V. I. Tretyak ... First test of a Li2WO4(Mo) bolometric detector for the measurement of coherent neutrino-nucleus scattering. Nucl. Instrum. Meth. A 949 (2020) 162784, 6 p.	Scopus WoS	Q1 Q2	https://www.sciencedirect.com/science/article/abs/pii/S0168900219312306
M. Agostini, ... V. Kobychev, ... Experimental evidence of neutrinos produced in the CNO fusion cycle in the Sun, Nature 587 (2020) 577.	Scopus WoS	Q1 Q1	https://www.nature.com/articles/s41586-020-2934-0
M. Agostini, ... V. Kobychev, ... Sensitivity to neutrinos from the solar CNO cycle in Borexino, Eur. Phys. J. C 80 (2020) 1091	Scopus WoS	Q1 Q1	https://link.springer.com/article/10.1140/epjc/s10052-020-08534-2
C.Stelian, … D.V.Poda, … Experimental and numerical investigations of the Czochralski growth of Li_2MoO_4 crystals for heat-scintillation cryogenic bolometers. J. Crystal Growth 531 (2020) 125385, 5 p.	Scopus WoS	Q2 Q3	https://www.sciencedirect.com/science/article/pii/S0022024819306001
A.Jeremie (on behalf of the SuperNEMO collaboration). The SuperNEMO demonstrator double beta 24.experiment. Nu25.cl. Instrum. Meth. A 958 (226.020)162115, 2 p.	Scopus WoS	Q1 Q2	https://www.sciencedirect.com/science/article/abs/pii/S0168900219305431
D.L.Helis27., … D.V. Kasperovych28., V.V. Kobychev, … O29..G. Polischuk, …V.I.	Scopus WoS	Q2 Q4	https://link.springer.com/article/10.1007%2Fs

30.Tretyak,… Ne31.utrinoless double beta d32.ecay searches with enri33.ched $^{116}CdWO_4$ scintillating 34.bolometers. J. Low Temp. P35.hys. 199 (2020) 467-474.			10909-019-02315-2
P. Belli, … F.A. Danevich, … D.V. Kasperovych, …O.G. Polischuk, V.I. Tretyak. Developments and improvements of radiopure $ZnWO_4$ anisotropic scintillators. JINST 15 (2020) C05055, 11 p.	Scopus WoS	Q1 Q3	https://iopscience.iop.org/article/10.1088/1748-0221/15/05/C05055/meta
A.S.Barabash, … F.A. Danevich, … D.V. Kasperovych, V.V.Kobychev,… O.G. Polischuk,… V.I.Tretyak, … Low background scintillators to investigate rare processes. JINST 15 (2020) C07037, 35 p.	Scopus WoS	Q1 Q3	https://iopscience.iop.org/article/10.1088/1748-0221/15/07/C07037/meta
M.H.Lee (on behalf of the AMoRE collaboration) AMoRE: a search for neutrinoless double-beta decay of ^{100}Mo using low-temperature molybdenum-containing crystal detectors. JINST 15 (2020) C08010, 10 p.	Scopus WoS	Q1 Q3	https://iopscience.iop.org/article/10.1088/1748-0221/15/08/C08010/meta
T. Le Noblet (on behalf of the NEMO-3 and SuperNEMO collaborations). Latest results from NEMO-3 and commissioning status of the SuperNEMO demonstrator. J. Phys.:Conf. Ser. 1342 (2020) 012029, 5 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1342/1/012029/meta
L.Ludhova (on behalf of the Borexino Collaboration). Limiting the effective magnetic moment of solar neutrinos with the Borexino detector. J. Phys.:Conf. Ser. 1342 (2020) 012033, 5 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1342/1/012033
S.Marcocci, … V.Kobychev, … The Monte Carlo simulation of the Borexino detector. J. Phys.: Conf. Ser. 1342 (2020) 012035, 8 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1342/1/012035
Z. Bagdasarian … (on behalf of the Borexino Collaboration). Analytical response function for the Borexino solar neutrino analysis. J. Phys.: Conf. Ser. 1342 (2020) 012105, 5 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1342/1/012105
D.Basilico, … (on behalf of the Borexino / SOX Collaboration). Search for sterile neutrinos with SOX: Monte Carlo studies of the experiment sensitivity and systematic effects. J. Phys.: Conf. Ser. 1342 (2020) 012107, 5 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1342/1/012107
D.Bravo-Berguno (on behalf of the Borexino Collaboration). Thermal management and modeling for precision measurements in Borexino's SOX and	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1342/1/012109

solar neutrino spectroscopy programs.J. Phys.: Conf. Ser. 1342 (2020) 012109, 5 p.			
S.Caprioli, … (on behalf of the Borexino Collaboration). Data selection strategy for solar neutrino analysis with Borexino. J. Phys.:Conf. Ser. 1342 (2020) 012110, 5 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1342/1/012110
L.Collica, … (on behalf of the Borexino/SOX Collaboration). Calibration campaign of the Borexino detector for the search of sterile neutrinos with SOX. J. Phys.: Conf. Ser. 1342 (2020) 012113, 5 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1342/1/012113
X.F.Ding, … (on behalf of the Borexino collaboration). Speeding up complex multivariate data analysis in Borexino with parallel computing based on Graphics Processing Unit. J. Phys.: Conf. Ser. 1342(2020) 012115, 5 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1342/1/012115
D.D'Angelo (on behalf of the Borexino collaboration). Ten years of cosmic muons observation with Borexino. J. Phys.: Conf. Ser. 1468 (2020) 012080, 4 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1468/1/012080
B.Schmidt (on behalf of the CUPID-Mo Collaboration). First data from the CUPID-Mo neutrinoless double beta decay experiment. J. Phys.: Conf. Ser. 1468 (2020) 012129, 4 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1468/1/012129
K.Seo (on behalf of the AMoRE Collaboration). The Status of AMoRE Double Beta Decay experiment. J. Phys.: Conf. Ser. 1468 (2020) 012130, 4 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1468/1/012130
A.Zolotarova (on behalf of the CROSS Collaboration). The CROSS experiment: search for 0ν2β decay with surface sensitive bolometers. J. Phys.: Conf. Ser. 1468 (2020) 012147, 3 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1468/1/012147
S.Kumaran (on behalf of the Borexino collaboration). Analysis strategies for the updated geoneutrino measurement with Borexino. J. Phys.: Conf. Ser. 1468 (2020) 012184, 3 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1468/1/012184
S.Zavatarelli (on behalf of the BOREXINO Collaboration). The study of solar neutrinos and of non-standard neutrino interactions with Borexino. J. Phys.: Conf. Ser. 1468 (2020) 012192, 4 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1468/1/012192
M.Pavan (on behalf of the CUPID Collaboration). CUPID: CUORE Upgrade with Particle IDentication. J. Phys.: Conf. Ser. 1468 (2020) 012210, 4 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1468/1/012210

L.Ludhova (on behalf of the Borexino collaboration). Updated geoneutrino measurement with Borexino. J. Phys.: Conf. Ser. 1468 (2020) 012211, 4 p.	Scopus	–	https://iopscience.iop.org/article/10.1088/1742-6596/1468/1/012211
D. Basilico on behalf of the Borexino Collaboration, A strategy for the detection of CNO solar neutrinos with the Borexino experiment, Il Nuovo Cimento C 43 (2020) 21.	Scopus	Q4	https://www.sif.it/riviste/sif/ncc/econtents/2020/043/02-03/article/1
Davydovska O.I., Nesterov V.A., Denisov V.Yu. The nucleus-nucleus potential within the extended Thomas-Fermi method and the cross-sections of subbarrier fusion and elastic scattering for the systems $^{16}O + ^{58,60,62,64}Ni$	Scopus та WoS	Q2	https://doi.org/10.1016/j.nuclphysa.2020.121994
Goroshchenko S. Ya., Nesterov A. V., Nesterov V. A. A. Complete numerical calculation of interaction energy for two uniformly charged spheroids. Heavy ions example	Scopus та WoS	Q3	https://doi.org/10.15407/jnpae2020.01.013
Babak O.V., Berezhnoy Yu.A., Mikhailyuk V.P. Born approximation for polarization observables of protons by 40Ca	Scopus та WoS	Q3	https://doi.org/10.15407/ujpe65.5.369
Kawano T., Cho Y.S., Dimitriou P., Filipescu D., Iwamoto N., Plujko V., et al. IAEA Photonuclear Data Library 2019	Scopus та WoS	Q1	https://doi.org/10.1016/j.nds.2019.12.002
Stetsenko M., Margitych T., Kryvyi S., et al., Gold Nanoparticle Self-Aggregation on Surface with 1,6-Hexanedithiol Functionalization	Scopus та WoS	Q1	https://doi.org/10.3390/nano10030512
Zheltonozhsky V.A., Zheltonozhskaya M.V., Investigation of Excitation of K Isomers 179m2Hf and 180mHf in (γ,γ′) Reactions Savrasov A.N. et al.	Scopus та WoS	Q3	https://doi.org/10.1134/S1063778820040201
Mota-Santiago P., Kremer F., Rizza G., Dufour C., V. Khomenkov, et al. Ion-shaping of single layer Au nanoparticles in amorphous silicon dioxide, silicon nitride, and at their interface	Scopus та WoS	Q1	https://doi.org/10.1103/PhysRevMaterials.4.096002
Gorbachenko O., Kadenko I., Plujko V., Solodovnyk K. Comparison of practical expressions for E1 photonstrength functions	Scopus та WoS	-	https://doi.org/10.1051/epjconf/202023903012
Kolomietz V.M., and Shlomo S. / Mean Field Theory	Scopus	-	-
Ishizuka C., Zhang X., Usang M. D., Ivanyuk F. A., and Chiba S. / Effect of the doubly magic shell closures in ^{132}Sn and ^{208}Pb on the mass distributions of fission fragments of superheavy nuclei	Scopus	Q1	https://doi.org/10.1103/PhysRevC.101.011601
Litnevsky V. L., Ivanyuk F. A., Kosenko G. I., and Chiba S. / For- mation of superheavy nuclei in $^{36}S+^{238}U$ and $^{64}Ni+^{238}U$ reactions	Scopus	Q1	https://doi.org/10.1103/PhysRevC.101.064616
Литневский В.Л., Иванюк Ф.А., Косенко Г.И. / Исследование возможности	Scopus	Q4	https://doi.org/1018500/1817-3020-2020-20-3-

замораживания некоторых степеней свободы системы при расчете процесса столкновения атомных ядер			233-242
Федоткин С.Н. / Усредненная по всем атомным электронам вероятность аннигиляции позитронов, испущенных при β^+ - распаде	Scopus	Q4	https://doi.org/10.15407/jnpae2020.01.005
Magner A.G., Gorenstein M.I., Grygoriev U.V. / Velocity and Absorption Coefficient of Sound Waves in Classical Gases	Scopus	Q3	https://doi.org/10.15407/ujpe65.3.217
Gorpinchenko D.V., Magner A.G., Bartel J. / Semiclassical and quantum shell-structure calculations of the moment of inertia	Scopus	-	arXiv:1811.03902 [nucl-th]
Shlomo S., Sanzhur A.I. / Energy density functional and sensitivity of energies of giant resonances to bulk nuclear matter properties	Scopus	Q4	https://doi.org/10.15407/jnpae2020.02.113
Abrosimov V.I., Davydovska O.I. / Isoscalar dipole response of heavy nuclei in low-energy region within the kinetic mode	Scopus	Q4	https://doi.org/10.15407/jnpae2020.02.129
Кривенко-Еметов Я.Д., Коталевич В. / Врахування скінченності ядерного файерболу у двокомпонентній моделі Ван-дер-Ваальса з притяганням між нуклонами	Scopus	Q4	
O.S. Burdo, Ya.I. Kolesnichenko "High frequency fast magnetoacoustic modes in the plasma core", Physics Letters A, (2020) 126825	Scopus	Q2	https://doi.org/10.1016/j.physleta.2020.126825
Ya.I. Kolesnichenko, A.V. Tykhyy, R.B. White "Spatial channeling in toroidal plasmas: overview and new results", Nucl. Fusion **60** (2020) 112006 .	Scopus	Q1	https://doi.org/10.1088/1741-4326/ab8182
V.G. Kiptily, Ye. Kazakov, M. Fitzgerald, …, Yu.V. Yakovenko, and JET Contributors, "Excitation of elliptical and toroidal Alfvén eigenmodes by ^{3}He-ions of the MeV-energy range in hydrogen-rich JET plasmas", Nucl. Fusion **60** (2020) 112003.	Scopus	Q1	DOI: 10.1088/1741-4326/ab79cb
V.S. Marchenko, "Impurity holes in tokamaks with electron cyclotron resonance heating of the helical core", Phys. Plasmas **27**, 022516 (2020).	Scopus	Q2	DOI:10.1063/1.5133013
V.S. Marchenko and S.N. Reznik, "Excitation of the axisymmetric Alfven eigenmodes by micro-turbulence". Phys. Plasmas 27, 114503 (2020)	Scopus	Q2	DOI:10.1063//5.0022748
M. Nocente,…, V. Goloborodko, et. al., "Generation and observation of fast deuterium ions and fusion-born alpha particles in JET D-3He plasmas with the 3-ion radio-frequency heating scenario", Nucl. Fusion **60** (2020) 124006.	Scopus	Q1	https://doi.org/10.1088/1741-4326/abb95d

Burdo O.O., Lypska A.I., Riabchenko N.M. Peculiarities of Hematopoiesis in small rodents from the Chornobyl Exclusion Zone on the background of extreme environment //J Environ Radioact. 2020. Vol. 211: 105758;	Scopus	Q1	doi:10.1016/j.jenvrad.2018.06.023.
Гриневич Ю.П., Липська А.І., Дрозд І.П. та ін. Фізико-хімічна регуляція перекисних процесів у крові щурів за дії радіонуклідів різної тропності. //Ядерна фізика та енергетика.- 2020. -Т. 21.- № 1.- С. 79- 85.	Scopus	Q3	https://doi.org/10.15407/jnpae2020.01.079
Bezdrobna L. K., Strilchuk M, Kurochkina V. A., Fedorchenko V. I., Khomych I. A., Tsyganok T. V. Simulation of conditions for external and internal exposure of human blood to low doses of caesium-137 radionuclide in vitro to study its genotoxicity// Nucl. Phys. At. Energy 2020, volume 21, issue 2, pages 166-171.	Scopus	Q3	https://doi.org/10.15407/jnpae2020.02.166
Koval S.V., D.lF. *Gluzman L. M. *Sklyarenko T.S., *Ivanivska, M. P *Zavelevich A.A., Rodionova N. K. Hematological malignancies in Ukraine in post-Chernobyl era: sources of data and their preliminary analysis//Annals of Hematology, 2020 Jul; 99(7):1543-1550.	Scopus	Q1	Doi:10.1007/s00277-020-04076-5
Липська А.І., Родіонова Н.К., Н.М. Рябченко, Бурдо О.О., Ганжа О.Б., *Вишневський Д.О., **Ішініва Х. Оцінка стану природних популяцій дрібних гризунів з трансформованих екосистем зони відчуження ЧАЕС за комплексом біологічних показників // Ядерна фізика та енергетика .-2020. -Т. 21.- № 3 - С.	Scopus	Q3	
A. I. Levon, D. Bucurescu, C. Costache, T. Faester-mann, R. Hertenberger, A. Ionescu, R. Lica, A. G. Magner, C. Mihai, R. Mihai, C. R. Nita, S. Pascu, K. P. Shevchenko, A. A. Shevchuk, A. Turtu-rica, and H.-F. Wirth High-resolution study of excited states in 158Gd with the (p, t)reaction//Phys. Rev. C 102, 014308 – Published 13 July 2020	Scopus	Q1	DOI:https://doi.org/10.1103/PhysRevC.102.014308
S.Yu. Mezhevych, A.T. Rudchik, A.A. Rudchik, K.W. Kemper, K. Rusek, O.A. Ponkratenko, E.I. Koshchy, S.B. Sakuta. $^{13}C(^{11}B, ^{12}C)^{12}B$ reaction at 45 MeV, $^{12}C + ^{12}B$ interaction versus that of $^{12}C + ^{10,11}B$ // Acta Physica Polonica B. – 2020. – Vol. 51. – P. 1949.	Scopus	Q3	DOI: 10.5506/APhysPolB.51.1949 https://www.actaphys.uj.edu.pl/R/51/10/1949/pdf
С.Ю. Межевич, А.Т. Рудчик, К. Русек, К.В. Кемпер, А.А. Рудчик, О.А. Понкратенко, С.Б. Сакута. Механізми реакції	Scopus	Q3	DOI: 10.15407/jnpae2020.01.021

$^{13}C(^{11}B,^{12}C)^{12}B$ при енергії 45 МеВ та взаємодії ядер $^{12}C+^{12}B$, $^{12}C+^{10,11}B$ // Ядерна фізика та енергетика. – 2020. – Т. 21(1). – С. 21.			URL: http://jnpae.kinr.kiev.ua/21.1/html/21.1.0021.html
А.Т. Рудчик, А.А. Рудчик, О.О. Чепурнов, К. Русек, К.В. Кемпер, Є.І. Кощий, С.Ю. Межевич, Вал.М. Пірнак, О.А. Понкратенко, А. Столяж, Р. Сюдак, А.П. Ільїн, Б.В. Міщенко, Ю.М. Степаненко, В.В. Улещенко, Ю.О. Ширма. Пружне та непружне розсіяння іонів ^{10}B ядрами ^{6}Li при енергії 51 МеВ // Ядерна фізика та енергетика. – 2020. – Т. 21(1). – С. 29.	Scopus	Q3	DOI: 10.15407/jnpae2020.01.029 URL: http://jnpae.kinr.kiev.ua/21.1/html/21.1.0029.html
В.В. Улещенко, К. Кемпер, Є.І. Кощий, С.М. Лук'янов, О.А. Понкратенко, А.А. Рудчик, А.Т. Рудчик, К. Русек, Ю.М. Степаненко, Ю.О. Ширма. Енергетична залежність пружного розсіяння дейтронів на ізотопах берилію // Ядерна фізика та енергетика. – 2020. – Т. 21(2). – С. 137.	Scopus	Q3	DOI: 10.15407/jnpae2020.02.137 URL: http://jnpae.kinr.kiev.ua/21.2/html/21.2.0137.html
Juliette Alimena, … , Igor Kostiuk, … et al. Searching for long-lived particles beyond the Standard Model at the Large Hadron Collider**.** Journal of Physics G: Nuclear and Particle Physics. – 2020. – V. 47. – No. 9.	Scopus WoS	Q1 Q2	https://doi.org/10.1088/1361-6471/ab4574
R. Aaij, …V. Dobishuk, ..., S. Koliev, …,I. Kostiuk, …, O.Kot, …,V.Pugatch et al. (LHCb Collaboration).,Amplitude analysis of the $B^+\to\pi^+\pi^+\pi^-B^+\to\pi^+\pi^+\pi^-$ decay. Phys. Rev. D101 (2020) 012006.	Scopus WoS	Q1 Q1	https://doi.org/10.1103/PhysRevD.101.012006
R. Aaij, …V. Dobishuk, ..., S. Koliev, …,I. Kostiuk, …, O.Kot, …,V.Pugatch et al. (LHCb Collaboration).,Observation of several sources of CPCP violation in $B^+\to\pi^+\pi^+\pi^-B^+\to\pi^+\pi^+\pi^-$ decays,Phys. Rev. Lett. 124 (2020) 031801	Scopus WoS	Q1 Q1	https://doi.org/10.1103/PhysRevLett.124.031801
R. Aaij, …V. Dobishuk, ..., S. Koliev, …,I. Kostiuk, …, O.Kot, …,V.Pugatch et al. (LHCb Collaboration).,Measurement of $\psi(2S)\psi(2S)$ production cross-sections in proton-proton collisions at $s\sqrt{=}7s=7$ and 13 TeV,Eur. Phys. J. C80 (2020) 185	Scopus WoS	Q1 Q1	https://doi.org/10.1140/epjc/s10052-020-7638-y
R. Aaij, …V. Dobishuk, ..., S. Koliev, …,I. Kostiuk, …, O.Kot, …,V.Pugatch et al. (LHCb Collaboration).,Observation of new resonances in the $\Lambda 0b\pi^+\pi^-\Lambda b0\pi^+\pi^-$ system,Phys. Rev. Lett. 123 (2019) 152001	Scopus WoS	Q1 Q1	https://doi.org/10.1103/PhysRevLett.123.152001
RR. Aaij, …V. Dobishuk, ..., S. Koliev, …,I. Kostiuk, …, O.Kot, …,V.Pugatch et al. (LHCb Collaboration).,Amplitude analysis of the $B^+\to\pi^+\pi^+\pi^-B^+\to\pi^+\pi^+\pi^-$ decay,Phys.	Scopus WoS	Q1 Q1	https://doi.org/10.1103/PhysRevD.101.012006

Rev. D101 (2020) 012006			
R. Aaij, …V. Dobishuk, ..., S. Koliev, …,I. Kostiuk, …, O.Kot, …,V.Pugatch et al. (LHCb Collaboration).,Observation of several sources of CPCP violation in B+⟶π+π+π−B+⟶π+π+π− decays,Phys. Rev. Lett. 124 (2020) 031801	Scopus WoS	Q1 Q1	https://doi.org/10.1103/PhysRevLett.124.031801
R. Aaij, …V. Dobishuk, ..., S. Koliev, …,I. Kostiuk, …, O.Kot, …,V.Pugatch et al. (LHCb Collaboration).,Measurement of ψ(2S)ψ(2S) production cross-sections in proton-proton collisions at s√=7s=7 and 13 TeV,Eur. Phys. J. C80 (2020) 185	Scopus WoS	Q1 Q1	https://doi.org/10.1140/epjc/s10052-020-7638-y
R. Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Amplitude analysis of the $B^+ \to \pi^+\pi^+\pi^-$, Phys. Rev. D 101, 012006	Scopus WoS	Q1 Q1	https://doi.org/10.1103/PhysRevD.101.012006
R. Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), First branching fraction measurement of the suppressed decay $\Xi_c^0 \to \pi^-\Lambda_c^+$, Phys. Rev. D 102 (2020) 071101	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevD.102.071101
R. Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Observation of enhanced double parton scattering in proton-lead collisions at $\sqrt{s_{NN}} = 8.16$TeV, Phys. Rev. Lett. 125 (2020) 212001	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevLett.125.212001
R. Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), First observation of the decay $B^0 \to D^0\overline{D}{}^0K^+\pi^-$, PhysRevD.102.051102	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevD.102.051102
R. Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Searches for low-mass dimuon resonances, JHEP 2010 (2020) 156	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP10(2020)156
R. Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Observation of structure in the J/ψ-pair mass spectrum, Sci. Bull. 2020 (2020) 65	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1016/j.scib.2020.08.032
R. Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Search for CP violation in $\Xi_c^+ \to pK^-\pi^+$ decays using model-independent techniques, Eur. Phys. J. C 80 (2020) 986	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1140/epjc/s10052-020-8365-0
R. Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Study of the $\psi_2(3823)$ and $\chi_{c1}(3872)$states in	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP08(2020)123

$B^+ \to (J/\psi\pi^+\pi^-)K+$ decays, JHEP 2008 (2020) 123			
R. Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Study of the lineshape of the $\chi_{c1}(3872)$ state, Phys. Rev. D 102 (2020) 092005	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevD.102.092005
R.Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Measurement of the $\Lambda_b^0 \to J/\psi\Lambda$ angular distribution and the Λ_b^0 polarisation in pp collisions, JHEP 2006 (2020) 110	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP06(2020)110
R.Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Precision measurement of the B_c^+ meson mass, JHEP 2007 (2020) 123	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP07(2020)123
R.Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Observation of new Ξ_c^0 baryons decaying to $\Lambda_c^+ K^-$, PhysRevLett.124.222001	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevLett.124.222001
R.Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Measurement of CP-averaged observables in the $B^0 \to K^{*0}\mu^+\mu^-$ decay, Phys. Rev. Lett. 125 (2020) 011802	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevLett.125.011802
R.Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Search for the rare decay $B_s^0 \to e^+e^-$ decay $B^0 \to e^+e^-$, Phys. Rev. Lett. 124 (2020) 211802	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevLett.124.211802
R.Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Measurement of CP observables in $B^\pm \to DK^\pm$ and $B^\pm \to D\pi^\pm$ with $D \to K_S^0 K^\pm\pi^\mp$ decays, JHEP 2006 (2020) 058	Scopus WoS	Q2 Q1	https://cds.cern.ch/ejournals.py?publication=JHEP&volume=2006&year=2020&page=058
R.Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Measurement of the branching fraction of the decay $B_s^0 \to K_S^0$, Phys. Rev. D 102 (2020) 012011	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevD.102.012011
R.Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Observation of a new baryon state in the $\Lambda_b^0\pi^+\pi^-$ mass spectrum, JHEP 2006 (2020) 136	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP06(2020)136
R.Aaij, ...V. Dobishuk, ..., S. Koliev, ..., I. Kostiuk, ..., O.Kot, ..., V.Pugatch et al. (LHCb Collaboration), Measurement of |Vcb| with $B_s^0 \to D_s^{(*)-}\mu^+\nu_\mu$ decays, Phys. Rev. D 101	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevD.101.072004

(2020) 072004			
D0 collaboration (....M.S. Borysova….), Studies of X(3872) and ψ(2S) production in pp^{-} collisions at 1.96 TeV // Phys.Rev.D 102 (2020) 7, 072005, e-Print: 2007.13420 [hep-ex]	Scopus WoS	Q1 Q1	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.102.072005
Obikhod T.V., Petrenko I.A. B-tagging and searches for new physics beyond the Standard Model // PROBLEMS OF ATOMIC SCIENCE AND TECHNOLOGY. – 2020. - N5(129). Series: Nuclear Physics Investigations (74). - P.3-7, arXiv:1901.07885 [hep-ph].	Scopus WoS	Q4 Q4	https://vant.kipt.kharkov.ua/ARTICLE/VANT_2020_5/article_2020_5_3.pdf
Obikhod T.V., Petrenko I.A. Investigations of electroweak symmetry breaking mechanism for Higgs boson decays into four fermions // Problems of atomic science and technology. – 2020. – N5(129). Series: Nuclear Physics Investigations (74). - P.8-12, arXiv:2004.00364 [hep-ph].	Scopus WoS	Q4 Q4	https://arxiv.org/abs/2004.00364
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), First observation of the decay B 0 → D0 D 0 K + π − ,Phys. Rev. D102 (2020) 051102, arXiv:2007.04280.	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevD.102.051102
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Searches for low-mass dimuon resonances, JHEP 10 (2020) 156, arXiv:2007.03923.	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP10(2020)156
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Search for CP violation in Ξc + → pK −π + decays with model-independent techniques, Eur. Phys. J. C80 (2020) 986, arXiv:2006.03145.	Scopus WoS	Q1 Q1	http://dx.doi.org/https://doi.org/10.1140/epjc/s10052-020-8365-0
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Study of the 2(3823) and χc (3872) states in B + → (J/ψ π + π−)K + decays, JHEP 08 (2020) 123, arXiv:2005.13422.	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP08(2020)123
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Measurement of the Λ0 b → J/ψ Λ angular distribution and the Λ polarisation in pp collisions, JHEP 06 (2020) 110, arXiv:2004.10563.	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP06(2020)110
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Precision measurement of the Bc + meson mass, JHEP 07 (2020) 123, arXiv:2004.08163.	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP07(2020)123
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevLett.124.22

Collaboration), Observation of new Ξc 0 baryons decaying to Λ+c K −,Phys. Rev. Lett. 124 (2020) 222001, arXiv:2003.13649.			2001
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Measurement of CP -averaged observables in the B 0 → K ∗0 μ+ μ− decay, Phys. Rev. Lett. 125 (2020) 011802, arXiv:2003.04831.	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevLett.125.011802
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Search for the lepton flavour violating decay B + → K + μ−τ + using Bs2∗0 decays, JHEP 06 (2020) 129, arXiv:2003.04352.	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP06(2020)129
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Search for the rare decays Bs 0 → e +e− and B 0 → e+ e−, Phys. Rev. Lett. 124 (2020) 211802, arXiv:2003.03999.	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevLett.124.211802
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Measurement of CP observables in B ± → DK ± and B ± → Dπ ± with D → KS 0K ±π ∓ decays, JHEP 06 (2020) 58, arXiv:2002.08858.	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP06(2020)058
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Measurement of the branching fraction of the decay Bs 0 → KS 0 KS 0 , Phys. Rev. D102 (2020) 012011, arXiv:2002.08229.	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevD.102.012011
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Observation of a new baryon state in the Λ0 b π+ π − mass spectrum, JHEP 06 (2020) 136, arXiv:2002.05112.	Scopus WoS	Q2 Q1	http://dx.doi.org/10.1007/JHEP06(2020)136
R. Aaij, …,V. Dobishuk, ...,S. Koliev, …,I. Kostiuk, …,O. Kot,…,V. Pugatch *et al.* (LHCb Collaboration), Measurement of |Vcb | with B 0 s → Ds(∗)− μ+ ν decays, Phys. Rev. D100 (2020) 072004, arXiv:2001.03225.	Scopus WoS	Q1 Q1	http://dx.doi.org/10.1103/PhysRevD.101.072004
Sirakov I., Capote R., Gritzay O., Kim H.I., Kopecky S., Kos B., Paradela C., Pronyaev V.G., Schillebeeckx P. and Trkov A. Evaluation of cross sections for neutron interactions with 238U in the energy region between 5 keV and 150 keV.	Scopus, WoS	Q1/Q2	Eur. Phys. J. A.-2017.-53: 199. https://doi.org/10.1140/epja/i2017-12394-2
Gritzay O., Grymalo A., Pshenychnyi V., Venedyktov V., Shachov V. Determination of the total neutron cross section for natural hafnium in the energy range 2–145keV.	Scopus, WoS	Q1/Q2	Nucl. Phys A 996 (2020) 121693. doi.org/10.1016/j.nuclphysa.2020.121693

Terletsky O.V., Ryabchenko S.M., Sugakov V.I., Vertsimakha G.V., Karczewski G. Hybridization of Direct and Indirect Exciton States in Double Quantum Wells CdMgTe/$Cd_{0.95}Mn_{0.05}Te$/CdMgTe/CdTe/CdMgTe	Scopus	Q4	https://doi.org/10.15407/nnn.18.02.241
Dzyublik A.Ya. Excitation of ^{229m}Th in the electron bridge via continuum, as a scattering process	Scopus WoS	Q1	https://doi.org/10.1103/PhysRevC.102.024604
Chernyuk A.A., Sugakov V.I. Spatialstructuresofislandsof electron-hole liquidinsemiconductorquantumwells	Scopus WoS	Q2	https://doi.org/10.1016/j.physleta.2019.126185
Khotyayintsev V.M., Khotyayintseva O.M., Aksonov A.V., Gulik V., Pavlovych V.M. Reactivityandpowerregulationincandlereactors	Scopus WoS	Q1	https://doi.org/10.1016/j.anucene.2020.107631
Mykhaylovskyy V.V.,Sugakov V.I. Dynamics of the excitonic condensed phase pulses in coupled quantum wells	Scopus WoS	Q3	https://doi.org/10.1063/10.0001057
Sugakov V., Ostapenko N., Ostapenko Y., Kerita O., Strelchuk V., Kolomys O. Experimental and modeling study of charge carriers release from traps by interaction with molecular vibrations in silicon organic polymers	Scopus WoS	Q4	https://doi.org/10.1080/15421406.2020.1731079
І.О.Павленко, О.В.Сваричевська, А.Д.Саженюк, О.В.Святун, С.В.Телецька. Аналіз динаміки показників сумарної питомої β-активності осідаючого пилу та атмосферних випадінь в санітарно-захисній зоні реактора ВВР-М ІЯД НАНУ за 2014–2018 рр.	Scopus WoS	Q4 (ESCI)	https://doi.org/10.15407/jnpae2020.01.058
О. В. Коваленко1,*, О. О. Кряжич2, Г. М. Веремійченко1,О. А. Волох/ Дослідження адсорбції тритію термічно обробленими глинистими мінералами	Scopus WoS	Q4 (ESCI)	https://doi.org/10.15407/jnpae2020.02.195
L.K.Bezdrobna*,M.V.Strilchuk,V.A.Kurochkina,V.I.Fedorchenko,I.A.Khomych,T.V.Tsyganok / Simulation of conditions for external and internal exposure of human blood to low doses of 137Cs radionuclide in vitro to study its genotoxicity	Scopus WoS	Q4 (ESCI)	https://doi.org/10.15407/jnpae2020.02.166
V. M. Lashkin, Stable three-dimensional Langmuir vortex soliton	Scopus	Q1	https://doi.org/10.1063/1.5144659
V. M. Lashkin, Blow-up solitons at the nonlinear stage of the two-stream instability in quantum plasmas	Scopus	Q2	https://iopscience.iop.org/article/10.1209/0295-5075/130/30001
V. M. Lashkin , Short-wavelength soliton in a fully degenerate quantum plasma	Scopus	Q1	https://doi.org/10.1063/5.0025184
A.V. Hladkovska, M. Semenenko, S. Antonin, R. Redko,. Resonant tunnelling field emission with Si-sponge like structures	Scopus	Q2	https://doi.org/10.1063/5.0020527

В.Ф. Вірко, Ю.В. Вірко. Вплив неодорідного магнітного поля на геліконний розряд, збуджуваний різними антенами	Scopus	Q4	https://doi.org/10.15407/ujpe64.3.223