

Publications: National Technical University “Kharkiv Polytechnic Institute”

SDG3: Good Health and Well-being (2021-2024)

No	Title	Authors	Year	Scopus Source title	Abstract
1.	COVID-19 vaccinations: The unknowns, challenges, and hopes	Mohamed, K., Rzymiski, P., Islam, M.S., Makuku, R., Mushtaq, A., Khan, A., Ivanovska, M., Makka, S.A., Hashem, F., Marquez, L., Cseprekal, O., Filgueiras, I.S., Fonseca, D.L.M., Mickael, E., Ling, I., Arero, A.G., Cuschieri, S., Minakova, K., Rodríguez-Román, E., Abarikwu, S.O., Faten, A.-B., Grancini, G., Cabral-Marques, O., Rezaei, N.	2022	Journal of Medical Virology	https://www.scopus.com/record/display.url?eid=2-s2.0-85120910805&origin=resultslist
2.	Comparison of CNNs for Lung Biopsy Images Classification	Hlavcheva, D., Yaloveha, V., Podorozhniak, A., Kuchuk, H.	2021	2021 IEEE 3rd Ukraine Conference on Electrical and Computer Engineering , UKRCON 2021 - Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85118942379&origin=resultslist
3.	Concept of Vibroacoustic Diagnostics of the Fuel Injection and Electronic Cylinder Lubrication Systems of Marine Diesel Engines	Varbanets, R., Shumylo, O., Marchenko, A., Minchev, D., Kyrnats, V., Zalozh, V., Aleksandrovska, N., Brusnyk, R., Volovyk, K.	2022	Polish Maritime Research	https://www.scopus.com/record/display.url?eid=2-s2.0-85144823254&origin=resultslist
4.	Hypertensive Heart Disease: A Narrative Review Series—Part 1: Pathophysiology and Microstructural Changes	Nemtsova, V., Vischer, A.S., Burkard, T.	2023	Journal of Clinical Medicine	https://www.scopus.com/record/display.url?eid=2-s2.0-85152917070&origin=resultslist

5.	Fetal ECG signal processing and identification of hypoxic pregnancy conditions in-utero	Biloborodova, T., Scislo, L., Skarga-Bandurova, I., Sachenko, A., Molga, A., Povoroznyuk, O., Yevsieieva, Y.	2021	Mathematical Biosciences and Engineering	https://www.scopus.com/record/display.url?eid=2-s2.0-85110328768&origin=resultslist
6.	Opportunities, Threats and Risks of Implementation the Innovative Business Management Technologies in the Post-Pandemic Period COVID-19	Illiashenko, S., Bilovodska, O., Tsalko, T., Tomchuk, O., Nevmerzhytska, S., Buhas, N.	2022	WSEAS Transactions on Business and Economics	https://www.scopus.com/record/display.url?eid=2-s2.0-85135605056&origin=resultslist
7.	Hypertensive Heart Disease: A Narrative Review Series—Part 2: Macrostructural and Functional Abnormalities	Nemtsova, V., Burkard, T., Vischer, A.S.	2023	Journal of Clinical Medicine	https://www.scopus.com/record/display.url?eid=2-s2.0-85170362947&origin=resultslist
8.	Detuning of a Supercharger Rotor from Critical Rotational Velocities	Marchenko, A., Grabovskiy, A., Tkachuk, M., Shut, O., Tkachuk, M.	2021	Lecture Notes in Mechanical Engineering	https://www.scopus.com/record/display.url?eid=2-s2.0-85111264453&origin=resultslist
9.	Licensed liposomal vaccines and adjuvants in the antigen delivery system	Krasnopolsky, Y., Pylypenko, D.	2022	Biotechnology	https://www.scopus.com/record/display.url?eid=2-s2.0-85146165873&origin=resultslist
10.	Research of antispam bot algorithms for social networks	Liubchenko, N., Podorozhniak, A., Oliinyk, V.	2021	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85107228012&origin=resultslist
11.	STUDY OF BIOCATALYTIC SYNTHESIS OF PHYTOSTEROL ESTERS	Nekrasov, P.O., Berezka, T.O., Nekrasov, O.P., Gudz, O.M., Rudneva, S.I., Molchenko, S.M.	2022	Journal of Chemistry and Technologies	https://www.scopus.com/record/display.url?eid=2-s2.0-85143398069&origin=resultslist

	AS FORMULATI ON COMPONEN TS OF NUTRITIO NAL SYSTEMS FOR HEALTH PURPOSES				
12.	Multi-parametric evolution of conditions leading to cancer invasion in biological systems	Dzyubak, L., Dzyubak, O., Awrejcewicz, J.	2021	Applied Mathematical Modelling	https://www.scopus.com/record/display.url?eid=2-s2.0-85091740569&origin=resultslist
13.	Viable forecasting monthly weather data using time series methods	Soomro, R., Ghauri, S.P., Marri, A.A., Vambol, S., Dung, H.T., Manzoor, N., Bano, S., Shahid, S., Asadullah, Farooq, A., Lutsenko, Y.	2023	Ecological Questions	https://www.scopus.com/record/display.url?eid=2-s2.0-85144166826&origin=resultslist
14.	Space-borne Air Quality Monitoring of Nitrogen dioxide (NO ₂) over Karachi and Lahore using Remote Sensing Tools	Rehmat, R., Rafique, L., Irfan, M., Ahmed, S.R., Lahori, A.H., Muhammadi, A., Taha, M., Vambol, S., Shulga, M.	2023	Proceedings of the Pakistan Academy of Sciences: Part B	https://www.scopus.com/record/display.url?eid=2-s2.0-85175161441&origin=resultslist
15.	Mathematical modelling of transients in the electric drive of the turnout of the mono-sleeper type with switched-inductor motor	Buriakovskiy, S.G., Maslii, A.S., Asmolova, L.V., Goncharuk, N.T.	2021	Electrical Engineering and Electromechanics	https://www.scopus.com/record/display.url?eid=2-s2.0-85120816419&origin=resultslist
16.	IMPROVING THE PROCEDURE FOR MODELING LOWFREQUENCY OSCILLATIONS OF THE FREE SURFACE LIQUID IN A	Kozhushko, A., Pelypenko, Y., Kravchenko, S., Danylenko, V.	2023	Eastern-European Journal of Enterprise Technologies	https://www.scopus.com/record/display.url?eid=2-s2.0-85158992680&origin=resultslist

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17.	Competition policy as a strategic determinant of economic development in the post-pandemic period: Management and legal aspects	Avanesova, N., Vovk, V., Reshetniak, N., Volosnikova, N., Yehorova, Y.	2021	Estudios de Economia Aplicada	https://www.scopus.com/record/display.url?eid=2-s2.0-85111017347&origin=resultslist
18.	What are molecular effects of co-administering vitamin C with artemisinin-type antimalarials? A model mass spectrometry and quantum chemical study	Pashynska, V., Stepanian, S., Gömöry, Á., Adamowicz, L.	2021	Journal of Molecular Structure	https://www.scopus.com/record/display.url?eid=2-s2.0-85100622264&origin=resultslist
19.	Liposomes: from August Wassermann to vaccines against COVID-19	Grygorieva, G., Pylypenko, D., Krasnopolsky, Y.	2023	ADMET and DMPK	https://www.scopus.com/record/display.url?eid=2-s2.0-85175071059&origin=resultslist
20.	Cybernetic one-compartment model of glycemia dynamics in glucose homeostasis disorders	Mykytyuk, M.R., Khyzhnyak, O.O., Sokol, Y.I., Lapta, S.S., Soloviova, O.I., Romanova, P.	2021	Problemi Endokrinno i Patologii	https://www.scopus.com/record/display.url?eid=2-s2.0-85117704550&origin=resultslist

21.	Scientific research on biomedical engineering in Ukraine: Origins of development	Tverytnykova, E., Gutnyk, M., Salata, H., Bachynska, N.	2021	2021 IEEE 2nd KhPI Week on Advanced Technology , KhPI Week 2021 - Conference Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85118935979&origin=resultslist
22.	NATIONAL TRENDS IN MORBIDITY AND MORTALITY FROM CIRCULATORY SYSTEM AND CEREBROVASCULAR DISEASES AND STROKES	Ognev, V.A., Mishchenko, M.M., Mishchenko, A.N., Trehub, P.O.	2022	Wiadomosci lekarskie (Warsaw, Poland : 1960)	https://www.scopus.com/record/display.url?eid=2-s2.0-85133101988&origin=resultslist
23.	Linear Regression Models for Bronchial Asthma Severity Prediction based on TSLP	Pihnastyi, O., Kozhyna, O., Voloshyn, K.	2023	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85176375983&origin=resultslist
24.	Digitalization of Education: An Urgent Need of Sustainable Teaching Process Caused by Covid 19	Brin, P., Polancic, G., Prokhorenko, O.	2021	Proceedings of the 20th IEEE International Conference on Modern Electrical and Energy Systems, MEES 2021	https://www.scopus.com/record/display.url?eid=2-s2.0-85123356835&origin=resultslist
25.	Nonlinear multiscale diffusion cancer invasion model with memory of states	Dzyubak, L., Dzyubak, O., Awrejcewicz, J.	2023	Chaos, Solitons and Fractals	https://www.scopus.com/record/display.url?eid=2-s2.0-85146423619&origin=resultslist

26.	Linear Regression Approximate Models for Predicting Severe Course of Bronchial Asthma	Pihnastyi, O., Kozhyna, O., Kulik, T.	2022	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85145555092&origin=resultslist
27.	Simulation Modeling of a Hybrid Diesel Locomotive Power Plant Based on a Free-Piston Engine	Buriakovskiy, S., Asmolova, L., Obruch, I., Maslii, A., Pomazan, D.	2022	Proceedings of the 2022 IEEE 4th International Conference on Modern Electrical and Energy System, MEES 2022	https://www.scopus.com/record/display.url?eid=2-s2.0-85147324599&origin=resultslist
28.	Impact of Surrounding Infrastructure on Urban Environment: A Case Study of Karachi Metropolitan	Kausar, A., Afzal, A., Khan, O.I., Maqsoom, A., Saeed, G., Vambol, S., Trush, O., Murasov, R., Mykhailov, V.	2024	Ecological Questions	https://www.scopus.com/record/display.url?eid=2-s2.0-85181894344&origin=resultslist
29.	Impact of Covid-19 on Yamuna River water quality: Possible ways to rejuvenate the riverine ecosystem in national capital of India	Umamah, M., Sadaf, N., Khan, N.A., Mufti, A., Farooqi, I., Khan, M.A., Gauhar, M., Ali, K., Gautam, S., Khan, A.S., Dhupper, R., Vambol, S.	2024	Ecological Questions	https://www.scopus.com/record/display.url?eid=2-s2.0-85181967574&origin=resultslist
30.	Oxidization resistance and sorption properties of oleogels as new-generation fatty systems	Nekrasov, P.Î., Tkachenko, N.A., Nekrasov, Î.P., Gudz, Î.M., Berezka, T.O., Molchenko, S.M.	2021	Voprosy Khimii i Khimicheskoi Tekhnologii	https://www.scopus.com/record/display.url?eid=2-s2.0-85110937701&origin=resultslist
31.	Degradation of Reinforced Concrete Construction of Bridge Structures: Corrosion	Nenastina, T.O., Berezhna, K.V., Sakhnenko, M.D., Buhaievskiy, S.O.	2024	Materials Science	https://www.scopus.com/record/display.url?eid=2-s2.0-85196103877&origin=resultslist

	Aspect				
32.	Development and study of a microprocessor automatic control system for a mono-switch tie type with a linear inductive electric motor and a discrete speed controller.	Buriakovskiy, S.G., Asmolova, L.V., Maslii, A.S., Maslii, A.S., Obruch, I.V.	2022	Electrical Engineering and Electromechanics	https://www.scopus.com/record/display.url?eid=2-s2.0-85137359282&origin=resultslist
33.	Non-immune fetal hydrops in late pregnancy: Antenatal ultrasound monitoring and pregnancy outcomes in a series of 14 cases	Safonova, I.M., Sharmazanova, O.P., Bortniy, M.O., Shapovalova, V.V.	2021	Ukrainian Journal of Radiology and Oncology	https://www.scopus.com/record/display.url?eid=2-s2.0-85121039801&origin=resultslist
34.	Research of Spark Ignition Engine and Internal Mixture Formation Using Single-Zone, Two-Zone and Three-Zone Calculation Model of It Working Process	Korohodskiy, V., Leontiev, D., Rogovyi, A., Kryshchyna, S., Gritsuk, I., Voronkov, O., Prokopiuk, D.	2022	SAE Technical Papers	https://www.scopus.com/record/display.url?eid=2-s2.0-85138797500&origin=resultslist
35.	Providing Remote Monitoring of CVD in Specialized Medical and Diagnostic Complexes	Sokol, Y., Kolisnyk, K., Koval, S., Penkova, M.	2022	IFMBE Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85122544516&origin=resultslist

36.	Model of the monitoring process for early diagnosis of patients' health	Melnyk, K., Borysova, N., Smolin, P., Dehtiarova, I., Gasan, I., Voida, A.	2021	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85121266885&origin=resultslist
37.	THE EFFECT OF HARDENING ACTIVATORS ON THE PHYSICAL AND MECHANICAL PROPERTIES OF SLAG-ALKALINE BINDING MATERIALS	Shabanova, G.M., Korogodska, A.M., Shumeiko, V.M., Shchukina, L.P., Lisachuk, G.V., Kryvobok, R.V., Sakhnenko, M.D.	2023	Voprosy Khimii i Khimicheskoi Tekhnologii	https://www.scopus.com/record/display.url?eid=2-s2.0-85178478316&origin=resultslist
38.	Possibilities of Differential Diagnosis of Atopic Dermatitis and Rash in COVID-19 Using Telemedicine Technologies	Avrunin, O., Nosova, Y., Trubitsin, A., Sokol, Y., Kolisnyk, K., Kolisnyk, V.	2021	2021 IEEE 8th International Conference on Problems of Infocommunications, Science and Technology, PIC S and T 2021 - Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85130879351&origin=resultslist
39.	DYNAMICS OF THE LEVELS OF ASYMMETRIC DIMETHYLARGININE AND PLASMINOGEN ACTIVATOR INHIBITOR TYPE 1 IN PATIENTS WITH ACUTE ST-SEGMENT	Minukhina, D.V., Kravchun, P.G., Minukhin, D.V., Yevtushenko, D.A., Kritsak, V.V., Tkachenko, V.V.	2024	Clinical and Preventive Medicine	https://www.scopus.com/record/display.url?eid=2-s2.0-85188249355&origin=resultslist

	ELEVATION MYOCARDIAL INFARCTION AND TYPE 2 DIABETES MELLITUS DEPENDING ON THE REPERFUSION STRATEGY				
40.	Phytochemical Analysis of Anthocyanins Extracted from the Flowers of Two Dahlia Cultivars and their Cytotoxic Properties	Gontova, T., Mashtaler, V., Romanova, S., Maloshtan, L., Shanaida, M.	2024	Biomedical and Pharmacology Journal	https://www.scopus.com/record/display.url?eid=2-s2.0-85198047948&origin=resultslist
41.	Comparison of Metrological Characteristics of Measuring Transducer of Parameters Frequency-Modulated Signals	Yenikieiev, O., Zakharenkov, D., Gasanov, M., Yevsyukova, F., Naboka, O., Borysenko, A., Pavlova, N.	2023	Lecture Notes in Networks and Systems	https://www.scopus.com/record/display.url?eid=2-s2.0-85171975847&origin=resultslist
42.	Comparison of Machine Learning Methods for a Diabetes Prediction Information System	Shmatko, O., Korol, O., Tkachov, A., Otenko, V.	2021	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85128887765&origin=resultslist
43.	Analysis of a City's Heat Island Effect on the Micro-Climature Parameters within Cities	Sharma, R., Rahman, K.A., Tyshchenko, V., Illiash, O., Mezentseva, I.	2023	Proceedings of the Pakistan Academy of Sciences: Part A	https://www.scopus.com/record/display.url?eid=2-s2.0-85171990274&origin=resultslist
44.	Innovative Technology to Combat Sars-Cov Using a Finely Dispersed Catching Medium and Microwave	Aleksenko, B.A., Dobrotvorskiy, S., Basova, Y., Sokol, Y., Edl, M., Dobrovolska, L.	2023	Lecture Notes in Networks and Systems	https://www.scopus.com/record/display.url?eid=2-s2.0-85137973970&origin=resultslist

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45.	THE RESULTS OF SURFACE WASTEWATER TREATMENT OF A MACHINE-BUILDING ENTERPRISE FROM PETROLEUM PRODUCT CONTAMINATION	Bosiuk, A., Shkop, A., Kulinich, S., Loboiko, V., Sakun, A., Shestopalov, O., Filenko, O.	2024	International Journal of Mechatronics and Applied Mechanics	https://www.scopus.com/record/display.url?eid=2-s2.0-85197353596&origin=resultslist
46.	Role of plasma 8-OXO-2'-deoxyguanosine in target organ damage in patients with hypertension and type 2 diabetes	Nemtsova, V., Shalimova, A., Kolesnikova, O., Vysotska, O., Zlatkina, V., Zhelezniakova, N.	2022	Arterial Hypertension (Poland)	https://www.scopus.com/record/display.url?eid=2-s2.0-85133687491&origin=resultslist
47.	PRACTICAL ASPECTS AND RESULTS OF COGNITIVE THERAPY IN THE EARLY RECOVERY PERIOD OF ISCHEMIC STROKE	Morozova, O.G., Kosheleva, A.N., Fedak, B.S., Ponomaryov, V.I., Yaroshevskiy, A.A., Kravchenko, I.M., Reminiak, I.V.	2022	Wiadomosci lekarskie (Warsaw, Poland : 1960)	https://www.scopus.com/record/display.url?eid=2-s2.0-85145345630&origin=resultslist
48.	"Artificial pancreas", providing the natural normal glycemic profile in the patient with DM	Sokol, Y., Lapta, S., Solovyova, O., Makarov, V., Karapetyan, A., Semerenko, Y.	2023	2023 IEEE 4th KhPI Week on Advanced Technology, KhPI Week 2023 - Conference Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85179521663&origin=resultslist

49.	Influence Of Cuts In The Housing And Armature Of The Forced Electromagnet Of The Fuel Injection System On Its Speed	Baida, Y.I., Pantelyat, M.G., Vyrovets, S.V.	2023	Advances in Electrical and Electronic Engineering	https://www.scopus.com/record/display.url?eid=2-s2.0-85174568571&origin=resultslist
50.	Use of Neural Network-based Models to Predict the Severity of Bronchial Asthma in Children	Pihnastyi, O., Kozhyna, O., Karpushenko, I.	2024	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85195972798&origin=resultslist
51.	Automatic insulin correction system	Sokol, Y., Lapta, S., Kolisnyk, K., Makarov, V., Semerenko, Y., Mikityuk, M., Khizhnyak, O., Solovyova, O., Goncharova, O.	2022	2022 IEEE 3rd KhPI Week on Advanced Technology , KhPI Week 2022 - Conference Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85141519411&origin=resultslist
52.	Hypertensive Heart Disease: A Narrative Review Series—Part 3: Vasculature, Biomarkers and the Matrix of Hypertensive Heart Disease	Nemtsova, V., Vischer, A.S., Burkard, T.	2024	Journal of Clinical Medicine	https://www.scopus.com/record/display.url?eid=2-s2.0-85183429154&origin=resultslist
53.	Comparison of Object Detection Algorithms for the Task of Detecting Possible Road Accident	Byzkrovnyi, O., Chupryna, A., Smelyakov, K., Sharonova, N., Repikhov, V.	2023	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85159782804&origin=resultslist

54.	Is there still hope for the prophylactic hepatitis C vaccine? A review of different approaches	Rzymiski, P., Jibril, A.T., Rahmah, L., Abarikwu, S.O., Hashem, F., Lawati, A.A., Morrison, F.M.M., Marquez, L.P., Mohamed, K., Khan, A., Mushtaq, S., Minakova, K., Poniedziałek, B., Zarębska-Michaluk, D., Flisiak, R.	2024	Journal of Medical Virology	https://www.scopus.com/record/display.url?eid=2-s2.0-85203175564&origin=resultslist
55.	PROGNOSTIC ROLE OF VASCULAR ENDOTHELIAL GROWTH FACTOR IN THE CARDIOVASCULAR COMPLICATIONS DEVELOPMENT IN PATIENTS WITH POLYMORBID PATHOLOGY : THE COMBINED COURSE OF HYPERTENSION, TYPE 2 DIABETES MELLITUS AND SUBCLINICAL HYPOTHYROIDISM	Nemtsova, V.D., Vysotska, O.V., Strashnenko, H.M., Borodkina, H.M., Utytskykh, T.O., Balym, Y.P.	2022	Wiadomosci lekarskie (Warsaw, Poland : 1960)	https://www.scopus.com/record/display.url?eid=2-s2.0-85147317926&origin=resultslist
56.	FUNCTIONAL CHARACTERISTICS OF THE CARDIOVASCULAR SYSTEM OF PATIENTS WITH ISCHEMIC HEART DISEASE WITH OBESITY	Zlatkina, V.V., Nemtsova, V.D., Fedak, B.S., Ponomaryov, V.I., Zhelezniakova, N.M., Mishchenko, O.M., Horban, D.V.	2023	Wiadomosci lekarskie (Warsaw, Poland : 1960)	https://www.scopus.com/record/display.url?eid=2-s2.0-85183713081&origin=resultslist

57.	Reflection of the COVID-19 Pandemic in the Linguistic Consciousness of Ukrainian Students	Goroshko, O., Poliakova, T., Zasiakin, A.	2024	Psycholinguistics	https://www.scopus.com/record/display.url?eid=2-s2.0-85192179677&origin=resultslist
58.	DETERMINATION OF SOMATIC, NEUROLOGICAL AND PSYCHO-EMOTIONAL MANIFESTATIONS OF THE ACUTE AND POSTCOVID PERIOD IN PATIENTS WITH A MILD COURSE OF COVID-19 IN WARTIME	Fedak, B.S., Ponomaryov, V.I., Ponomaryova, V.V., Kravchenko, I.M., Morozova, O.G., Yaroshevskiy, O.A., Mishchenko, O.M.	2023	Wiadomosci lekarskie (Warsaw, Poland : 1960)	https://www.scopus.com/record/display.url?eid=2-s2.0-85183773823&origin=resultslist
59.	Improving the Automatic Operating System of an Insulin Pump by Using Computer Modeling	Sokol, E.I., Lapta, S.S., Soloviova, O.I.	2023	Cybernetics and Systems Analysis	https://www.scopus.com/record/display.url?eid=2-s2.0-85165637656&origin=resultslist
60.	4-Quadrant Interpretation of the Speed Spot Plot Asymmetry for Arrhythmia Detection	Sokol, Y.I., Shyshkin, M.A., Butova, O.A., Akhiezer, O.B., Dunaievskaya, O.I.	2022	IFMBE Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85122497930&origin=resultslist
61.	Spatial-Temporal Analysis of Ambient Air Quality in Karachi through Geostatistical Interpolation (IDW) Technique	Idress, M., Nergis, Y., Afzal, A., Ahmed, S.R., Vambol, V., Vambol, S., Butt, J.A., Sharif, M., Yeremenko, S.	2023	Journal of Environmental Accounting and Management	https://www.scopus.com/record/display.url?eid=2-s2.0-85170688610&origin=resultslist

62.	PREVALENC E OF ANXIETY AND DEPRESSION IN PATIENTS AFTER BRAIN STROKE	Mishchenko, M.M., Ognev, V.A., Mishchenko, O.M., Ponomaryov, V.I.	2023	Clinical and Preventive Medicine	https://www.scopus.com/record/display.url?eid=2-s2.0-85174844318&origin=resultslist
63.	Current status of cervical cancer brachytherapy technologies: scientometric analysis	Artamonova, N.O., Sukhina, O.M., Pavlichenko, Y.V.	2022	Ukrainian Journal of Radiology and Oncology	https://www.scopus.com/record/display.url?eid=2-s2.0-85144226448&origin=resultslist
64.	Choosing the optimal quantity of factors for prediction the severity of bronchial asthma in children using linear regression models	Pihnastyi, O., Kozhyna, O., Kulik, T.	2021	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85121277888&origin=resultslist
65.	Improvement of Cardiovascular System Diseases Diagnostics by Using Multiparametri c Data	Shyshkin, M., Holdobin, S., Butova, O.	2024	IFMBE Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85174438298&origin=resultslist
66.	An approximate method for constructing linear regression models for prediction of a severe bronchial asthma course	Pihnastyi, O., Kozhyna, O.	2021	2021 IEEE 12th Internationa l Conference on Electronics and Information Technologi es, ELIT 2021 - Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85124692221&origin=resultslist

67.	Usage of the Computational Intelligence to Create Algorithms for Determination the Number of Lightning Strokes to Objects of Critical Infrastructure	Rezinkina, M., Rezinkin, O.	2022	2022 IEEE 3rd KhPI Week on Advanced Technology , KhPI Week 2022 - Conference Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85141453863&origin=resultslist
68.	Role of pressmud compost for reducing toxic metals availability and improving plant growth in polluted soil: Challenges and recommendations	Lahori, A.H., Tunio, M., Ahmed, S.R., Mierzwa-Hersztek, M., Vambol, V., Afzal, A., Kausar, A., Vambol, S., Umar, A., Muhammad, A.	2024	Science of the Total Environment	https://www.scopus.com/record/display.url?eid=2-s2.0-85201192792&origin=resultslist