

Publications: National Technical University “Kharkiv Polytechnic Institute”

SDG4: Quality Education (2021-2024)

№	Title	Authors	Year	Scopus Source title	Abstract
1.	Telemedical System for Monitoring the Psycho-Neurological State of Patients in the Process of Rehabilitation	Das, S., Bhowmick, P., Giri, N.C., Minakova, K., Rubanenko, O., Danylchenko, D.	2022	2022 IEEE 3rd KhPI Week on Advanced Technology, KhPI Week 2022 - Conference Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85141532824&origin=resultslis
2.	Application of big data methods in E-learning systems	Sharonova, N., Kyrychenko, I., Tereshchenko, G.	2021	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85107226061&origin=resultslis
3.	The Effectiveness of Mobile Learning Technology at the Tertiary Level During Conflicts	Holubnycha, L., Besarab, T., Pavlishcheva, Y., Romaniuk, S., Sytnykova, Y., Ahibalova, T., Alpatova, O.	2022	International Journal of Interactive Mobile Technologies	https://www.scopus.com/record/display.url?eid=2-s2.0-85144714776&origin=resultslis
4.	Multimedia technologies in foreign language learning under pandemic	Badan, A., Onishchenko, N.	2021	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85107236290&origin=resultslis
5.	Student training environment interaction: Soft skills development within e-learning	Sergeyeva, T., Festeu, D., Bronin, S., Turlakova, N.	2022	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85129673490&origin=resultslis
6.	Multidisciplinary Dimension of E-Learning in the Innovative Eco-System of a Modern University	Sergeyeva, T., Bronin, S., Turlakova, N.	2022	SIST 2022 - 2022 International Conference on Smart Information Systems and Technologies, Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85143417024&origin=resultslis
7.	Gender aspects of Емпатнy in online learning of adolescents	Pidbutska, N., Demidova, Y., Knysh, A.	2021	Journal of Education Culture and Society	https://www.scopus.com/record/display.url?eid=2-s2.0-85129752045&origin=resultslis

8.	Tools for Convergence, Actualization and Personalizing Educational Programs and Content	Deev, M., Finogeev, A., Gamidullaeva, L., Schevchenko, S., Finogeev, A.	2021	Communications in Computer and Information Science	https://www.scopus.com/record/display.url?eid=2-s2.0-85115836442&origin=resultslist
9.	Digital Technologies for Communication Simulation in Foreign Language Learning under Pandemic	Badan, A., Onishchenko, N., Zeniakin, O.	2022	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85134757283&origin=resultslist
10.	Integrating Educational Components into the Metaverse	Sergeyeva, T., Bronin, S., Turlakova, N., Iamnytskyi, S.	2023	Lecture Notes in Networks and Systems	https://www.scopus.com/record/display.url?eid=2-s2.0-85144968456&origin=resultslist
11.	Culture of Internet Communication in Professional Training of Future Specialists in Electrical Engineering	Poyasok, T., Bespartochna, O., Kvasnyk, O., Perevozniuk, V., Shapolova, V.	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-s2.0-85147326033&origin=resultslist
12.	DISTANCE LEARNING AND FACE-TO-FACE LEARNING: STUDENT PERCEPTION OF QUALITY ASSURANCE AND PROSPECTS FOR IMPROVEMENT IN EDUCATION MANAGEMENT TECHNOLOGIES	Moroz, V., Moroz, S.	2022	Turkish Online Journal of Distance Education	https://www.scopus.com/record/display.url?eid=2-s2.0-85139995360&origin=resultslist
13.	E-learning research within new European paradigm (MSCA4Ukraine multidisciplinary teamwork)	Sergeyeva, T., Bronin, S., Glazar, T., Njoo, J.	2022	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85149401517&origin=resultslist

14.	Motivation behind the Preference for Distance Education in Higher Education Students	Pidbutska, N., Chebakova, Y., Knysh, A., Shtuchenko, I., Babchuk, O.	2022	Journal of Education Culture and Society	https://www.scopus.com/record/display.url?eid=2-s2.0-85149274895&origin=resultslist
15.	THE DEPENDENCY OF AN INDIVIDUAL'S AND STATE WELL-BEING ON HIGHER EDUCATION QUALITY: ANALYSIS OF UKRAINIAN STUDENTS' AND EMPLOYERS' OPINION	Moroz, S., Moroz, V., Kalagin, Y., Grygoryeva, S., Sutula, O., Kozlova, O., Moroz, O.	2022	Financial and Credit Activity: Problems of Theory and Practice	https://www.scopus.com/record/display.url?eid=2-s2.0-85165494122&origin=resultslist
16.	Centenary of institute of education and science in power engineering, electronics and electromechanics NTU 'KhPI'	Sokol, Y., Minakova, K., Klepikov, V., Dovgalyuk, O., Tomashevskyi, R.	2021	2021 IEEE 2nd KhPI Week on Advanced Technology, KhPI Week 2021 - Conference Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85118923484&origin=resultslist
17.	Project-Based Learning for Responsible Education: Empirical Study of the Additional Value for Students	Brin, P., Krasnokutska, N., Lombardi, R., Nehme, M.	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-s2.0-85123372934&origin=resultslist
18.	Intelligent decision support agent based on fuzzy logic in athletes' adaptive e-learning systems	Hnatchuk, Y., Hnatchuk, A., Pityn, M., Hlukhov, I., Cherednichenko, O.	2021	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85104894290&origin=resultslist

19.	Improvement of the Methodology of Building a System of Phase Synchronization of Coherent Demodulators in Telecommunication Control Systems and Distance Learning	Jawad, H.M., Abu-Alshaer, M.J., Yevseiev, S., Kornienko, V., Turovsky, O.	2022	ISMSIT 2022 - 6th International Symposium on Multidisciplinary Studies and Innovative Technologies, Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85142792820&origin=resultslist
20.	DEMOGRAPHICS' IMPACT ON ECONOMIC GROWTH IN CENTRAL EUROPE AND THE BALTIC STATES	Khachatryan, V., Nepyaliuk, A., Pasichnyi, M., Nasibova, O., Tabenska, J.	2023	ECONOMICS - Innovative and Economics Research Journal	https://www.scopus.com/record/display.url?eid=2-s2.0-85181679029&origin=resultslist
21.	An adaptive algorithm for effective selection of training content for IT professionals	Sokol, V., Bilova, M., Druzhynin, A., Cherkun, N., Perepelytsia, I.	2021	CEUR Workshop Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85107208118&origin=resultslist
22.	COGNITIVE TECHNOLOGIES FOR MODELING MIGRATION PROCESSES IN EDUCATION	Sergienko, O., Mashchenko, M., Gavkalova, N., Chernova, N., Lola, Y.	2022	Public Policy and Administration	https://www.scopus.com/record/display.url?eid=2-s2.0-85141585038&origin=resultslist
23.	Analysis of the use of innovative technologies in simulation training to improve the quality of the educational process: experience of medical HEIs in Ukraine during the war	Yuryk, O., Zlobin, O., Vainahii, O., Fedosieieva, O., Shaulko, O.	2024	Academia (Greece)	https://www.scopus.com/record/display.url?eid=2-s2.0-85199353341&origin=resultslist

24.	Competence Approach in Modern Engineering Education of Ukraine: Assessment of Development	Shevchenko, A.S., Shevchenko, V.V., Shumskyi, O.L., Shtefan, L.V., Duniev, O.O., Shayda, V.P.	2023	Proceedings of the 5th International Conference on Modern Electrical and Energy System, MEES 2023	https://www.scopus.com/record/display.url?eid=2-s2.0-85184993413&origin=resultslis
25.	Upgrading Master's Training for Higher Education Instructors in the Digital Era: Public Health Education as an Example	Kasyanova, O., Kvasnyk, O., Bodnia, I., Rudnyeva, I., Bespartochna, O., Poyasok, T.	2024	South Eastern European Journal of Public Health	https://www.scopus.com/record/display.url?eid=2-s2.0-85203194310&origin=resultslis
26.	Mikhail Ziegler, the First Professor of Metallurgy at Warsaw Polytechnic, and His Contribution for Developing our Knowledge about Steels	Zhurylo, D., Levchenko, V.	2023	Studia Historiae Scientiarum	https://www.scopus.com/record/display.url?eid=2-s2.0-85174200550&origin=resultslis
27.	INTEGRATION OF IOT WITH CLOUD, FOG, AND EDGE COMPUTING: A REVIEW	Kuchuk, H., Malokhvii, E.	2024	Advanced Information Systems	https://www.scopus.com/record/display.url?eid=2-s2.0-85196402981&origin=resultslis
28.	Influence of Nordic walking on the physical condition of NTU «KhPI» students	Azarenkova, L.	2021	Slobozhanskyi Herald of Science and Sport	https://www.scopus.com/record/display.url?eid=2-s2.0-85162858065&origin=resultslis
29.	DEVISING THE POLICY OF FUNDS ALLOCATION IN THE DECISION-MAKING PROCESS UNDER THE BUDGET AND TAX MANAGEMENT	Kuzmynchuk, N., Mardus, N., Davydov, O., Yevtushenko, V., Melen, O., Kharchenko, A.	2022	Eastern-European Journal of Enterprise Technologies	https://www.scopus.com/record/display.url?eid=2-s2.0-85126106750&origin=resultslis

30.	Work-in-Progress: Multi-stage Students' Self-control Realization at Minimum Teachers' Support	Shapo, V., Volovshchykov, V.	2022	Lecture Notes in Networks and Systems	https://www.scopus.com/record/display.url?eid=2-s2.0-85124661295&origin=resultslis
31.	Evaluating Training Methods for Future Technical Specialists	Cherkashyn, A., Asieieva, I., Koshkarov, Y., Melnyk, T., Panfilov, Y.	2024	Journal of Technical Education and Training	https://www.scopus.com/record/display.url?eid=2-s2.0-85197582479&origin=resultslis
32.	MOTIVATION OF THE VALUE ATTITUDE TO THE HEALTH OF STUDENTS OF CHEMICAL SPECIALTIES IN THE PROCESS OF THEIR PROFESSIONAL TRAINING	Rodighina, V.P., Kurii, O.V., Babadzhanyan, V.V.	2022	Rehabilitation and Recreation	https://www.scopus.com/record/display.url?eid=2-s2.0-85188620119&origin=resultslis
33.	GRADE POINT AVERAGE: THE RELATIONSHIP WITH RESULTS OF ENTRANCE ASSESSMENT, LEARNING MOTIVATION, ACHIEVEMENT MOTIVATION, AND PERCEPTION OF TEACHER LEADERSHIP	Sereda, N., Reznik, S., Solodovnyk, T., Bogdan, Z., Romanovskyi, O.	2024	Journal on Efficiency and Responsibility in Education and Science	https://www.scopus.com/record/display.url?eid=2-s2.0-85190360595&origin=resultslis
34.	Analysis of the experience and prospects of the implementation of the Moodle platform for the organization of distance learning in Ukrainian universities	Vyshkivska, V., Sylenko, Y., Golikova, O., Tsehelnik, T., Patlaichuk, O.	2024	Vide. Tehnologija. Resursi - Environment, Technology, Resources	https://www.scopus.com/record/display.url?eid=2-s2.0-85200219198&origin=resultslis

35.	Information service for users with special educational needs	Palyey, T.L., Novosolova, S.Y.	2021	University Library at a New Stage of Social Communications Development. Conference Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85124886348&origin=resultslis
36.	Dynamics of health and physical development indicators of cadets during their professional training in the field environment	Prontenko, K.V., Yuriev, S.O., Babaiev, Y.G., Zimnikov, O.O., Shchur, T.H., Abramenko, O.O., Borzilo, O.Y.	2024	Wiadomosci lekarskie (Warsaw, Poland : 1960)	https://www.scopus.com/record/display.url?eid=2-s2.0-85200828263&origin=resultslis
37.	The Experience of Developing Social Responsibility in the Next Generation of Engineers at Ukrainian Universities	Saienko, N., Iliencko, O., Solodovnyk, T., Ptushka, A., Bogdan, Z.	2024	Vide. Tehnologija. Resursi - Environment, Technology, Resources	https://www.scopus.com/record/display.url?eid=2-s2.0-85200271280&origin=resultslis
38.	Sovereign green bonds as an unconventional tool to address climate change	Manda, V.K., Yadav, A., Shivani, Sangwan, V., Vambol, S.	2024	Ecological Questions	https://www.scopus.com/record/display.url?eid=2-s2.0-85189884192&origin=resultslis
39.	Reflection of the COVID-19 Pandemic in the Linguistic Consciousness of Ukrainian Students	Goroshko, O., Poliakova, T., Zasiekin, A.	2024	Psycholinguistics	https://www.scopus.com/record/display.url?eid=2-s2.0-85192179677&origin=resultslis
40.	Digital transformation in education: Navigating its impact amidst war	Kaplia, O., Ostapenko, E., Tanko, Y., Kaleniuk, S., Dulibskyy, A.	2024	Multidisciplinary Science Journal	https://www.scopus.com/record/display.url?eid=2-s2.0-85194411002&origin=resultslis

41.	Promoting Sustainable Development Literacy: Strategies to Enhance Students' Understanding of the SDGs	Brin, P., Prokhorenko, O., Danko, T., Shyriaieva, N., Chumakova, A., Serbin, R.	2023	Proceedings of the 5th International Conference on Modern Electrical and Energy System, MEES 2023	https://www.scopus.com/record/display.url?eid=2-s2.0-85185001759&origin=resultslist
42.	THE ROLE OF LEADERSHIP QUALITIES IN THE FORMATION OF PROFESSIONAL COMPETENCE AND THE IMAGE OF FUTURE SPECIALISTS	Cherkashyn, A., Hren, L., Asieieva, I., Kurbanova, H., Kurbanova, M.	2023	Youth Voice Journal	https://www.scopus.com/record/display.url?eid=2-s2.0-85181939798&origin=resultslist
43.	Competencies in Higher Education Standards of Ukraine: Definition, Content and Requirements for the Formation Level	Shevchenko, A.S., Shevchenko, V.V., Prus, V.V.	2024	Lecture Notes in Networks and Systems	https://www.scopus.com/record/display.url?eid=2-s2.0-85187807915&origin=resultslist
44.	Determining Implementation Approaches of Effective Digital Competencies Training	Breslavets, O.Yu., Hlavcheva, Y.M.	2022	University Library at a New Stage of Social Communications Development. Conference Proceedings	https://www.scopus.com/record/display.url?eid=2-s2.0-85148854743&origin=resultslist
45.	Mechanisms of State Management of Personnel Development of the Health Care System	Khanina, O., Hladchenko, A., Lavrentii, D., Kuzmenko, H., Kruhlov, V., Kryzyna, O.	2024	Economic Affairs (New Delhi)	https://www.scopus.com/record/display.url?eid=2-s2.0-85191779640&origin=resultslist