

## Publications: National Technical University “Kharkiv Polytechnic Institute”

### SDG12: Responsible Consumption and Production (2021-2024)

№	Title	Authors	Year	Scopus Source title	Abstract
1.	Export competitiveness of agricultural products and agricultural sustainability in China	Long, Y.	2021	Regional Sustainability	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85122741824&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85122741824&amp;origin=resultslist</a>
2.	Hairy Root Cultures as a Source of Polyphenolic Antioxidants: Flavonoids, Stilbenoids and Hydrolyzable Tannins	Malarz, J., Michalska, K., Yudina, Y.V., Stojakowska, A.	2022	Plants	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85137002566&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85137002566&amp;origin=resultslist</a>
3.	Economic business partnerships within industry 4.0: New technologies in management	Portna, O.V., Iershova, N.Y.U., Tereshchenko, D.A., Kryvytska, O.R.	2021	Montenegrin Journal of Economics	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85102937286&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85102937286&amp;origin=resultslist</a>
4.	Sustainable development in emerging economy: Using the analytical hierarchy process for corporate social responsibility decision making	Brin, P., Nehme, M.	2021	Journal of Information Technology Management	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85112249157&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85112249157&amp;origin=resultslist</a>
5.	Hairy Root Cultures as a Source of Phenolic Antioxidants: Simple Phenolics, Phenolic Acids, Phenylethanoids, and Hydroxycinnamates	Malarz, J., Yudina, Y.V., Stojakowska, A.	2023	International Journal of Molecular Sciences	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85156197075&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85156197075&amp;origin=resultslist</a>
6.	DEPOSITS AND QUALITY INDICATORS OF BROWN COAL IN UKRAINE	Miroshnichenko, D.V., Pyshyev, S.V., Lebedev, V.V., Bilets, D.Y.	2022	Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85135571899&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85135571899&amp;origin=resultslist</a>

7.	PHE (Plate Heat Exchanger) for Condensing Duties: Recent Advances and Future Prospects	Kapustenko, P., Klemeš, J.J., Arsenyeva, O., Tovazhnyansky, L.	2023	Energies	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85145775330&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85145775330&amp;origin=resultslist</a>
8.	Multi criteria analysis of municipal solid waste management and resource recovery in Poland compared to other EU countries	Vambol, V., Kowalczyk-Juško, A., Vambol, S., Khan, N.A., Mazur, A., Goroneskul, M., Kruzhilko, O.	2023	Scientific Reports	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85179305496&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85179305496&amp;origin=resultslist</a>
9.	Nanostructured CuI thin films on biodegradable nanocellulose flexible substrates for UV-shielding applications	Klochko, N.P., Barbash, V.A., Klepikova, K.S., Kopach, V.R., Yashchenko, O.V., Zhadan, D.O., Petrushenko, S.I., Dukarov, S.V., Sukhov, V.M., Khrypunova, A.L.	2021	Molecular Crystals and Liquid Crystals	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85111372558&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85111372558&amp;origin=resultslist</a>
10.	Impact of Magnetic-Pulse and Chemical-Thermal Treatment on Alloyed Steels' Surface Layer	Kostyk, K., Kuric, I., Saga, M., Kostyk, V., Ivanov, V., Kovalov, V., Pavlenko, I.	2022	Applied Sciences (Switzerland)	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85122178001&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85122178001&amp;origin=resultslist</a>
11.	PUBLIC-PRIVATE PARTNERSHIPS IN NATURAL RESOURCE MANAGEMENT AS A BASIS FOR THE IMPLEMENTATION OF THE ECOLOGICAL AND ECONOMIC SECURITY DOCTRINE OF UKRAINE'S DEVELOPMENT	Tarasenko, I., Kruhlov, V., Stepanenko, T., Moroz, G., Lebedchenko, V.	2023	Journal of Law and Sustainable Development	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85169565483&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85169565483&amp;origin=resultslist</a>

12.	Corporate Social Responsibility and Countries' Reputation: A Study from a Global Strategic Management Perspective	Krasnokutskaya, N., Danko, T.	2022	Comparative CSR and Sustainability: New Accounting for Social Consequences	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85178594673&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85178594673&amp;origin=resultslist</a>
13.	INCREASING SME SUPPLY CHAIN RESILIENCE IN THE FACE OF RAPIDLY CHANGING DEMAND WITH 3D MODEL VISUALISATION	Basova, Y., Dobrotvorskiy, S., Balog, M., Iakovets, A., Chelabi, M.A., Zinchenko, A.	2023	International Journal of Mechatronics and Applied Mechanics	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85178403426&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85178403426&amp;origin=resultslist</a>
14.	Energy companies' transparency: Toward competitiveness and SDG 7 progress	Makarenko, I., Brin, P., Belgibayeva, A., Orlov, I., Oleksich, Z.	2023	Problems and Perspectives in Management	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85165546947&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85165546947&amp;origin=resultslist</a>
15.	Corporate social responsibility, competitiveness and sustainability in emerging economies: The case of Ukraine	Brin, P., Lombardi, R., Nehme, M.N., Tiscini, R.	2022	International Journal of Management and Decision Making	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85140964450&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85140964450&amp;origin=resultslist</a>
16.	Effect of the quality indices of coal on its grindability	Miroshnichenko, D., Koval, V., Bogoyavlenska, O., Pyshyev, S., Malyi, E., Chemerinskiy, M.	2022	Mining of Mineral Deposits	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85145184089&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85145184089&amp;origin=resultslist</a>
17.	Mapping the European innovation ecosystems for renewable energy: The role and impact of MNCs	Danko, T., Krasnokutskaya, N., Shyriaieva, N.	2023	2023 IEEE International Conference on Technology and Entrepreneurship, ICTE 2023	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85190710015&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85190710015&amp;origin=resultslist</a>

18.	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	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85123356835&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85123356835&amp;origin=resultslist</a>
19.	ADAPTATION OF MUNICIPAL GOVERNANCE MECHANISMS TO EUROPEAN STANDARDS	Diegtiar, O.A., Gevorkyan, A.Yu., Cherepovska, T.V., Kuzmenko, S.H., Mozhaykina, N.V.	2021	Public Policy and Administration	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85122725460&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85122725460&amp;origin=resultslist</a>
20.	A modified scheffe's simplex lattice design method in development of ceramic carriers for catalytic neutralizers of gas emissions	Ved, V., Ponomarenko, H., Ponomarenko, Y., Gorbunov, K.	2021	Chemistry Journal of Moldova	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85110688582&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85110688582&amp;origin=resultslist</a>
21.	Influence of environmental factors on functional properties of optical polymer films	Dunaieva, A., Mishurov, D., Voronkin, A., Nedilko, O., Roshal, A.	2021	Functional Materials	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85123888851&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85123888851&amp;origin=resultslist</a>
22.	Individual Heat Substations Integrated with Heat Pumps for District Heating Systems in Ukraine	Yuzbashyan, A., Polyvianchuk, A., Klemeš, J.J., Kapustenko, P., Klochok, E., Arsenyeva, O.	2021	Chemical Engineering Transactions	<a href="https://www.scopus.com/recording/display.url?eid=2-s2.0-85122507739&amp;origin=resultslist">https://www.scopus.com/recording/display.url?eid=2-s2.0-85122507739&amp;origin=resultslist</a>

23.	Metallographic Determination of the Number and Sizes of Grains Depending on Structural and Phase Changes in the Metal of Welded Steam Pipe Joints	Harashchenko, O., Dmytryk, V., Berezutskyi, V., Syrenko, T.	2022	Lecture Notes in Mechanical Engineering	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85131961002&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85131961002&amp;origin=resultslist</a>
24.	Exploring the influence of modern technologies in education: Evaluating the effects of e-learning and remote instruction on academic performance	Subota, L., Buts, Z., Bashmanivskyi, O., Taranenko, H., Lutsenko, I.	2024	Multidisciplinary Reviews	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85200360760&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85200360760&amp;origin=resultslist</a>
25.	The Efficiency of Adaptive Slicing Group of Rationally Oriented Products for Layered Manufacturing	Garashchenko, Y., Dasic, P.	2023	Lecture Notes in Mechanical Engineering	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85138760496&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85138760496&amp;origin=resultslist</a>
26.	Management of Innovations Investment at the Industrial Enterprises	Ivakhnenko, A., Gorovyi, D., Ivanov, V., Basova, Y., Pavlenko, I., Trojanowska, J.	2024	Lecture Notes in Mechanical Engineering	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85200456552&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85200456552&amp;origin=resultslist</a>
27.	Management of Information Resources at Industrial Companies	Gorovyi, D., Basova, Y., Lynnyk, O., Pavlenko, I., Trojanowska, J.	2024	Lecture Notes in Mechanical Engineering	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85200381914&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85200381914&amp;origin=resultslist</a>
28.	Increasing the accuracy of measuring the physicochemical parameters of wastewater samples when implementing a new informative method	Sebko, V.V., Zdorenko, V.G., Zashchepkina, N.M., Barylko, S.V.	2023	Journal of Achievements in Materials and Manufacturing Engineering	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85165129752&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85165129752&amp;origin=resultslist</a>

29.	Identifying the system of value factors of green consumer choice	Potrashkova, L., Zaruba, V., Raiko, D., Yevsyeyev, O.	2024	Innovative Marketing	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85188176975&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85188176975&amp;origin=resultslist</a>
30.	Examining the Link Between Corporate Sustainability and Financial Performance: An Empirical Study with Implications for Post-Conflict Ukraine	Krasnokutska, N., Koptieva, H., Cirella, G.T., Kruhlova, O.	2024	Contributions to Economics	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85185955193&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85185955193&amp;origin=resultslist</a>
31.	Agricultural waste in Libya as a resource for biochar and methane production: An analytical study	Elmnifi, M., Almaktar, M., Vambol, S., Trush, O., Sydorenko, V., Mykhailov, V.	2024	Ecological Questions	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85181942349&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85181942349&amp;origin=resultslist</a>
32.	Prospects of Biogas for High-temperature Heat-technological Complexes in Glass Industry	Koshelnik, O., Puhachova, T., Kruhliakova, O., Pavlova, V., Martynenko, V., Tarasenko, O.	2023	Proceedings of the 5th International Conference on Modern Electrical and Energy System, MEES 2023	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85184994305&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85184994305&amp;origin=resultslist</a>
33.	THE IMPACT OF INNOVATION SUPPORT ON THE SUSTAINABLE DEVELOPMENT OF ENTERPRISES	Ippolitova, I., Komandrovskaya, V., Darid, A.-H., Andreytsev, V., Symonenko, O.	2024	Financial and Credit Activity: Problems of Theory and Practice	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85186896759&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85186896759&amp;origin=resultslist</a>
34.	POSITIONING OF ENTREPRENEURIAL SYSTEMS OF THE ORGANIC PRODUCTS PRODUCTION IN THE CONDITIONS OF GLOBALIZATION AND INNOVATIVE ECONOMICS: MANAGERIAL ASPECT	Varaksina, E., Savenko, O., Nihatova, O., Skrypyuk, V., Kolesnyk, T., Ivanova, T., Rudyka, V., Ovcharuk, O.	2022	Journal of Hygienic Engineering and Design	<a href="https://www.scopus.com/record/display.url?eid=2-s2.0-85143286191&amp;origin=resultslist">https://www.scopus.com/record/display.url?eid=2-s2.0-85143286191&amp;origin=resultslist</a>

35.	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	<a href="https://www.scopus.com/reCORD/display.url?eid=2-s2.0-85185001759&amp;origin=resultslist">https://www.scopus.com/reCORD/display.url?eid=2-s2.0-85185001759&amp;origin=resultslist</a>
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