НАЦІОНАЛЬНИЙ ФОНД ДОСЛІДЖЕНЬ УКРАЇНИ

CURRICULUM VITAE

Masyk Ihor Mykolayovych

date of birth* 14.06.1978

citizenship* Ukrainian

Contact Information*	*Sumy, st. G. Kondratieva 211/A sq. 104, 40021* *+380662036857* *Masikigor@ukr.net* *https://agro.snau.edu.ua/kafedri/kafedra-roslinnictva/sklad-kafedri/14948-2/*
Personal profiles in scientometric databases*	*ORCID https://orcid.org/0000-0002-7599-210X* *Scopus: 57219294369* *https://www.scopus.com/authid/detail.uri?authorId=57219294369* *Web of science: https://publons.com/researcher/3526498/ihor-masyk/* *AAK-2126-2020* *GoogleScholar:* *https://scholar.google.com.ua/citations?user=Uv7EM1wAAAAJ&hl=uk*
Education*	*Sumy National Agrarian University* *01.09.2001-05.07.2002* *Master's degree, specialty "Agronomy",* *Master's qualification in agronomy* *diploma No. CM 19135078*
Degree*	*Candidate of Agricultural Sciences* *by specialty 06.01.13. "Herbology"* *02/10/2010 National University of Bioresources and Nature Management of U* *of the Cabinet of Ministers of Ukraine* *Diploma of DK No. 057074*
Academic status*	*Associate Professor of the Department of Agriculture, Soil Science and Agrochemistry of SNAU, 26.09. 2012, 12DC #032219*
Professional work experience* (for the last 10 years)	*Associate Professor of the Department of Agrotechnologies and Soil Science of SNAU, from September 1, 2010 to the present, Faculty of Agrotechnologies and Natural Resource Management, Sumy National Agrarian University*

Main research activity

Management of collective research projects (which received funding on a competitive basis from outside the main place of work) (no more than 5 positions in the last 10 years)	
Participation in collective research projects (no more than 5 positions in the last 10 years)	***Scientific performer.*** ***The name of the project "Scientific substantiation of agrotechnological and economic parameters of cultivation and storage of plant products in organic production (0121U109561).*** ***The level of the project is all-Ukrainian.*** ***Project implementation dates: from 01.01.2021 to 31.12.2022.*** ***Amount of project financing: UAH 1,600,000.*** *The project was implemented at the expense of expenditures from the general fund of the state budget.*
Individual research projects (which received funding on a competitive basis from a third party) (no more than 5 positions in the last 10 years)	***1. Co-executor "Improving the efficiency of short-field crop rotations with the participation of sunflower in the conditions of the land plot" 20.05.22-31.12.22. No. 20-5*** ***2. Co-executor of "Increasing the efficiency of short-field crop rotations involving corn in the conditions" 04.01.22-12.31.22. No. 30-3.*** *3. Co-executor "Optimization of sunflower cultivation technology under conditions of short-field crop rotation" 04.01.23-12.31.23. No. 30-3.*
Main scientific achievements	
Published scientific works* (no more than 10 positions in the last 10 years)	*1. Kovalenko V., Dolia M., Tonkha O., Butenko A., Onychko V., Masyk I., Onychko T., Radchenko M., Kokovikhin S. 2023. Adaptation potential of alfalfa among other crops with resource-saving technologies while preserving ecological biodiversity. Modern Phytomorphology. 17: 57–65. DOI: 10.5281/zenodo.7966080 WoS Q4* *2.Hryhoriv, Y., Butenko, A., Masyk, I., Onychko T., Davydenko G., Bondarieva L., Hotvianska A., Horbunova K., Yevtushenko Y., Vandyk M. 2023. Growth and Development of Sweet Corn Plants in the Agro–Ecological Conditions of*

the Western Region of Ukraine. Ecological Engineering & Environmental Technology, 24 (4): 216-222. doi:10.12912/27197050/162699 Scopus Q3
3.Radchenko, M., Trotsenko, V., Butenko, A., Masyk, I., Bakumenko, O., Butenko, S., Dubovyk, O., Mikulina, M. (2023): Peculiarities of forming productivity and quality of soft spring wheat varieties. Agriculture and Forestry, 69 (4): 19-30. doi:10.17707/AgricultForest.69.4.02 Scopus Q3
4.Kovalenko V., Dolia M., Tonkha O., Butenko A., Onychko V., Masyk I., Onychko T., Radchenko M., Kokovikhin S. Adaptation potential of alfalfa among other crops with resource-saving technologies while preserving ecological biodiversity. Modern Phytomorphology. 2023. 17(2). DOI: 10.5281/zenodo.2023-17-200117 WoS Q4
5.Karbivska, U., Asanishvili, N., Butenko, A., Rozhko, V., Karpenko, O., Sykalo, O., Chernega, T., Masyk, I., Chyrva, A., Kustovska, A. Changes in Agrochemical Parameters of Sod-Podzolic Soil Depending on the Productivity of Cereal Grasses of Different Ripeness and Methods of Tillage in the Carpathian Region (2022) Journal of Ecological Engineering, 23 (1), pp. 55-63. DOI: 10.12911/22998993/143863. (Scopus).
6.Mishchenko, Y., Kovalenko, I., Butenko, A., Danko, Y., Trotsenko, V., Masyk, I., Radchenko, M., Hlupak, Z., Stavytskyi, A. Microbiological Activity of Soil Under the Influence of Post-Harvest Siderates (2022) Journal of Ecological Engineering, 23 (4), pp. 122-127. DOI: 10.12911/22998993/146612. (Scopus)
7.Karbivska, U., Masyk, I., Butenko, A., Onychko, V., Onychko, T., Kriuchko, L., Rozhko, V., Karpenko, O., Kozak, M. Nutrient Balance of Sod–Podzolic Soil Depending on the Productivity of Meadow Agrophytocenosis and Fertilization (2022) Ecological Engineering and Environmental Technology, 23 (2), pp. 70-77. DOI: 10.12912/27197050/144957. (Scopus)
8.Mishchenko, Y., Kovalenko, I., Butenko, A., Danko, Y., Trotsenko, V., Masyk, I., Zakharchenko, E., Hotvianska, A., Galyna, K., Datsko, O. Post-Harvest Siderates and Soil Hardness (2022) Ecological Engineering and Environmental Technology, 23 (3), pp. 54-63. DOI: 10.12912/27197050/147148. (Scopus)
9.Radchenko M.V. , Trotsenko V.I., Butenko A.O., Masyk I.M., Hlupak Z.I., Pshychenko O.I., Terokhina N.O., Rozhko V.M., Karpenko O.Y. (2022). Adaptation of various maize hybrids when grown for biomass. Agronomy Research, 20 (2), 404-413. https://doi.org/10.15159/AR.22.028. (Scopus)
10.Tonkha O., Butenko A., Bykova O., Kravchenko Y., Pikovska O., Kovalenko V., Evpak I., Masyk I., Zakharchenko E. (2021). Spatial Heterogeneity of Soil Silicon in Ukrainian Phaozems and Chernozems. Journal of Ecological Engineering, 22(2), pp. 111–119. https://doi.org/10.12911/22998993/130884 (Scopus).

Other significant scientific achievements (no more than 5 positions in the last 10 years)	*Patent on registration of copyright for the work No. 114958* ***https://agro.snau.edu.ua/wp-content/uploads/2023/10/%D0%BF%D0%B0%D1%82%D0%B5%D0%BD%D1%82_114928.pdf*** *Patent on registration of copyright for the work No. 115988* ***https://agro.snau.edu.ua/wp-content/uploads/2023/10/%D0%BF%D0%B0%D1%82%D0%B5%D0%BD%D1%82_115988.pdf***
Presentation of scientific results	
Key (plenary) reports at national or international conferences (except for conferences that were always held in absentia format)	*1. Reserves of productive moisture in the soil under the influence of different tillage during spring barley germination in the conditions of the left-bank forest-steppe of Ukraine // Materials of the International scientific and practical conference dedicated to the 91st anniversary of the birth of Dr. S.-G. of Sciences, Professor Goncharov Mykola Demyanovich (May 25-26, 2020). – Sumy, 2020. – P.165-167.* *2. The effect of main tillage methods on soil density during the cultivation of spring barley in the conditions of the North-Eastern Forest-Steppe of Ukraine. Materials of the International scientific and practical conference dedicated to the 90th anniversary of the birth of Dr. S.-G. Sciences, Professor Goncharov Mykola Demyanovich (May 24-25, 2019). - Sumy, 2019. - P.165-167.* *3. The influence of the main tillage during corn cultivation on grain in the conditions of the Sumy region. Materials of the International scientific and practical conference dedicated to the 89th anniversary of the birth of Dr. S.-G. of Sciences, Professor Goncharov Mykola Demyanovich (May 24-25, 2018). - Sumy, 2018. - P.173-174.* *4. Greening of weed control of spring barley crops in the conditions of the North-Eastern Forest-Steppe of Ukraine. Materials of the international scientific and practical conference "Development of natural sciences: problems and solutions" - Brno, Czech Republic, April 27-28, 2018 - pp. 115-120.*
Personal speeches outside of Ukraine at the invitation of higher education institutions, research institutions or professional associations (except CIS countries) (no more than 10 positions in the	

last 10 years)	
Reports at scientific conferences* (seminars, symposia, etc.) (no more than 10 positions in the last 10 years)	*1. Soil density when using different methods of main tillage under spring barley crops. Materials of the scientific and practical conference of students, graduate students and teachers of the Sumy National University (April 19-23, 2021). – Sumy, 2021. – P. 45.* *2. Improvement of the main soil tillage when growing corn for grain in the conditions of the Left Bank Forest Steppe of Ukraine // modalidad conceptuale de development a Ştiinţei moderne: colecţie de ţvăriţi scientifique "ΛΌГОΣ" cu materiale conferentiei scientifice şi practice internationale (Vol.1), 20 noiembre 2020. - Bucureşti , Romania. - 2020. - (Vol.1). - C.92-94. https://doi.org/10.36074/20.11.2020.v1.31* *3. The use of tillage units when growing corn for grain in the conditions of the Left Bank Forest Steppe of Ukraine // Wissenschaftliche Ergebnisse und Errungenschaften: 2020: collection of scientific papers ΛΌГОΣ, 25.12.2020 Munich, DEU. – 2020.- P. 80-82.* *https://doi.org/10.36074/25.12.2020.v1.28* *4. Some technological aspects of growing corn for grain in the conditions of the Left Bank Forest Steppe // Education and science of today: intersectional issues and development of sciences of Ukraine. Collection of scientific works ΛΌГОΣ, March19, 2021 Cambridge, UK. – 2021. - Volume 2. – C.16-18.* *https://doi.org/10.36074/logos-19.03.2021.v2.03* *5. Pollution of sunflower crops due to the use of different pre-sowing tillage systems in the conditions of the Left Bank Forest Steppe of Ukraine // Science of XXI century: development, main theories and achievements: III International Scientific and Theoretical Conference, December 2, 2022. Helsinki, Republic of Finland. https://doi.org/10.36074/scientia-02.12.2022* *6. The influence of the main tillage on the density of the soil during the cultivation of corn for grain in the conditions of the Forest-Steppe of the Sumy region //Features of the development of modern science in the pandemic's era: IV International Scientific and Theoretical Conference, May 19, 2023. Berlin, Federal Republic of Germany.* *https://doi.org/10.36074/scientia-19.05.2023* *7. Soil density depending on pre-sowing tillage when growing sunflowers in the conditions of the Left Bank Forest Steppe of Ukraine // Current issues of science, prospects and challenges: IV International Scientific and Theoretical Conference, May 5, 2023. Sydney, Australia.* *https://doi.org/10.36074/scientia-05.05.2023* *8. Changes in the structural and aggregate state of the soil under the influence of the methods of main cultivation during the cultivation of oats in the conditions of the Left Bank Forest Steppe of Ukraine // II International scientific and practical conference «Scientific practice: modern and classical research methods», 15.10.2021, Boston, USA* *https://doi.org/10.36074/logos-15.10.2021.14*

	9. Soil moisture depending on the elements of oat cultivation technology in the conditions of the Left Bank Forest Steppe of Ukraine // II international scientific and practical conference «Ricerche scientifiche e metodi della loro realizzazione: esperienza mondiale e realtà domestiche», 12.11.2021, Bologna, ITA *https://doi.org/10.36074/logos-12.11.2021.v1.26* *10. Dynamics of soil density when growing potatoes under different methods of main cultivation in the conditions of the Left Bank Forest Steppe of Ukraine // III International scientific and theoretical conference «Interdisciplinary research: scientific horizons and perspectives», 06.05.2022, Vilnius, Republic of Lithuani. – 2022. – C.127-129.* *https://doi.org/10.36074/scientia-06.05.2022*
Promotion of scientific research (no more than 10 positions in the last 10 years)	
Scientific and organizational activity	
Participation in the organizing committees of scientific events (conferences, seminars, symposia, round tables, panel discussions, etc.) (no more than 5 positions in the last 10 years)	
Participation in editorial boards of periodical scientific publications (in which anonymous peer review is mandatory) (no more than 5 positions in the	*1. Membership in the editorial board Collection of scientific articles by young scientists, postgraduate students and students of the Sumy National Agrarian University* *2. Membership in the editorial board of the Scientific and Practical Conference of teachers, graduate students and students of the Sumy National Academy of Sciences* *3. Membership in the editorial board of the All-Ukrainian scientific conference of students and post-graduate students of the Sumy NAU, dedicated to the International Student Day*

last 10 years)	
Scientific editing (arrangement) of scientific publications (no more than 5 positions in the last 10 years)	
Teaching activity	
The main author's educational courses at the ZVO (developed on the basis of own research) (no more than 5 positions in the last 10 years)	***1. Agriculture with the basics of soil science, first level of higher education (undergraduate), 4th semester, 18 weeks, Sumy National Agrarian University, 150 hours.*** *2. Crop programming, first level of higher education (undergraduate), 8th semester, 15 weeks, Sumy National Agrarian University, 90 hours.*
The main author's methodical developments (textbooks, manuals, methodical materials, educational programs for higher education) (no more than 5 positions in the last 10 years)	*1. Forecast and programming of crop yields: a study guide / Ed. O.V. Kharchenko // E.A. Zakharchenko, I.M. Masyk, V.I. Prasol, O.I. Pshichenko. – Sumy, 2020. – 94 p. ISBN 978-617-7487-60-8. Recommended for publication by the Academic Council of the Sumy NAU (protocol No. 3 dated December 9, 2019)* *2. Agro-economic and ecological justification of crop rotation: monograph / O.V. Kharchenko, Yu.G. Mishchenko, I.M. Masyk [and others]. - 2015. - 69 p.* ***3. Development of methodological recommendations on the preparation and defense of the qualification work of the Master's Higher Education Institution, specialty 201 "Agronomy". – Sumy: Sumy National Agrarian University, 2023. – 40 p.*** *The teaching method has been approved. by the FAtP council, protocol No. 12 dated 12.06.2023. collection of methodical recommendations on the preparation and defense of the qualification work of the Master's degree program, specialty 201* ***4. Development of a synopsis of lectures on the discipline "Agriculture with the basics of soil science" for students of the 2nd, 1st semester of the specialty course 202 "Protection and Quarantine of Plants" / Sumy: SNAU. - 2023. - Art. 102.*** ***The teaching method has been approved. by the council of FAtP, protocol No. 11 dated 05.22.2023 of the economy". – Sumy: Sumy National Agrarian University, 2023. – 40 p.*** *The teaching method has been approved. by the FAtP council, protocol No. 12 dated June 12, 2023.* ***5. Development of the program and methodical instructions practice (internship)***

	abroad by students of Faculty of Agrotechnologies and Natural Resource Management specialties 201 "Agronomy", 202 "Protection and quarantine of plants" - Sumy: Sumy National Agrarian University, 2021. - 37 p. *The teaching method has been approved. by the FAtP council, protocol No. 3 dated 10/19/2021.4.*
Supervision of scientific works (scientific supervision or consulting of dissertation research that has been successfully defended) (no more than 5 positions in the last 10 years)	
Expert activity	
Membership in specialized academic councils for dissertation defense (no more than 5 positions in the last 10 years)	
Participation in expert councils (supervisory, advisory, expert or other councils of scientific, educational or research institutions, enterprises, cultural institutions, scientific publishing houses outside	

the main place of work) (no more than 5 positions in the last 10 years)	
Participation in competition commissions (jury) (all-Ukrainian or international competitions, Olympiads, tournaments of research projects, scientific papers, etc.) (no more than 5 positions in the last 10 years)	
Scientific and expert activities for authorities (scientific and expert conclusions, comments, conclusions, etc. made at the request or order of authorities and self-government bodies, state structures, institutions, etc.) (no more than 5 positions in the last 10 years)	

Scientific review of publications and projects (the number of anonymous reviews of manuscripts of scientific works submitted for publication in international scientific journals over the past 5 years; author reviews of scientific publications published in professional periodicals) (no more than 5 positions in the last 5 years)	
Honors and awards	
Honorary titles and statuses (honored worker of science and technology, academician, doctorhonorisca usa, etc.)	
Laureate of a prize (awards, honors) of international or national level, awarded on a competitive basis (no more than 5 positions in the last 10 years)	

Awards or honors for scientific achievements (from institutions, departments, authorities and local self-government bodies, etc.) (no more than 5 positions in the last 10 years)	
Improvement of scientific qualifications	
Additional professional schools (trainings, summer schools, educational seminars, master classes, courses, etc., to acquire relevant scientific knowledge, skills and abilities) (no more than 5 positions in the last 10 years)	
Scientific internships abroad (lasting more than 2 months, in higher education institutions or research institutions, except correspondence and with the exception of CIS	***International training program for managers of educational and scientific institutions, as well as pedagogical and scientific-pedagogical workers "Together with Nobel Laureates: Values, Experience, Knowledge, Competences and Technologies for the Formation of a Successful Personality and Transformation of the Surrounding World". International Historical Biographical Institute (Dubai - New York - Rome - Burgas - Jerusalem - Beijing)*** *(JANUARY 13 – MARCH 11, 2023)*

countries) (no more than 5 positions in the last 10 years)	
Membership in independent scientific organizations (non-institutional professional academic associations, societies, unions, unions of researchers, except trade unions) (no more than 5 positions in the last 10 years)	*Member of the union of the Sumy branch of the "Ukrainian Society of Soil Scientists and Agrochemists".*
Additional information about other important scientific achievements, qualifications, competences, or types of scientific activity that are significant for the implementation of the submitted research/development project (no more than 5 positions in the last 10 years)	*Performer of scientific and research topics at the stationary field experiment of the Department of Agrotechnologies and Soil Science, Faculty of Agrotechnologies and Natural Resource Management of the National Academy of Sciences.*
Proficiency in foreign languages*	*English – Level B2* *№ 000994503* *09.07.19*