



VLASENKO VOLODYMYR

Date of birth 16 December 1954

Citizenship Ukraine



Contact information *

Business address - Sumy National Agrarian University, 160, G. Kondratieva Str., Sumy, Sumy district (Ukraine), 40021
<http://snau.edu.ua/>

Phone +380993099007

E-mail – vlasenkova@ukr.net

Personal profiles in scientometric databases*

ID Scopus - 7102138164

ID Web of Science - V-4583-2018

ORCID – <https://orcid.org/0000-0002-5535-6747>

Google Scholar:

<https://scholar.google.com.ua/citations?hl=ru&user=ARjpE3QAAAAJ>

Education *

1. Bilotserkivsky Agricultural Institute (now Bilotserkivsky National Agrarian University), Soborna Square 8/1, Bila Tserkva, Kyiv region, Ukraine; Diploma of Series A-II No. 155951 in the specialty "Agronomy"

2. Sumy National Agrarian University, Sumy Ukraine; master's degree, diploma with honors M20 No. 144137 dated December 29, 2020 in the specialty "Plant Protection and Quarantine"

Academic degree *

Doctor of Agricultural Sciences (DD No. 006912 dated 8.10.2008), specialty 06.01.05-plant breeding.

Academic title *

Professor of the Department of Plant Protection, Certificate of PR No. 010106 dated 22.12.2014.





Professional work experience *

2012 -2022 head of the Department of Plant Protection,
from 2022 to the present - Professor of the Plant Protection
Department of Sumy National Agrarian University,
G. Kondratiev St., 40021, Sumy, Ukraine

Main research activities

Participation in collective research projects

*(no more than 5 positions in the last 10
years)*

1. Scientific and technical development under the state order of the Ministry of Education and Science - "Selection of promising bread wheat lines for creating varieties with group resistance to diseases" (topic registration number: 0119U102849);
2. Creation of source material with the participation of wheat-rye translocations for use in breeding highly productive varieties of bread winter and spring wheat adapted to the conditions of the north-eastern forest-steppe of Ukraine (State Registration number of the topic: 0113U004784);
3. Creation of bread winter wheat lines with 1RS rye genes that control resistance against a group of plant diseases (State Registration number of the topic: 0118U006176);
4. Phytoexpertise of seed material and food grain of grain crops (State Registration number of the topic: 0115U001875);
5. Scientific and technical development in collaboration with the Henan Institute of Science & Technology on the topic "Sselection of genotypes with an increased level of immune properties and soil drought resistance among the modern assortment of bread winter wheat" (Rubricator of scientific and technical information DK 022:2008: 20-Agricultural Sciences, 201 – Agronomy, 202 – Plant Protection and Quarantine), 2018-2021.

Main scientific achievements

Published scientific papers*

*(no more than 10 items for the last 10
years)*

1. Liu, Shunxiao, Bingli Wang, Vlasenko Volodymyr & Weihai Li. 2023. Rediscovery of two type-lost species of Rhopalopsale Klapálek, 1912 (Plecoptera: Leuctridae). Zootaxa 5360(4): 593-599. <https://doi.org/10.11646/zootaxa.5360.4.8>
<http://zoobank.org/urn:lsid:zoobank.org:pub:0E8651D4-DB19-4267-A050-555E63C764DD> (WoS Q3) and (Scopus Q2)
2. Yu Hao, Wang Liuhao, Liu Shunxiao, Chen Xiaohui, Wei Xiaoyu, Niu Chenxi, Vlasenko Volodymyr, Son Qisheng, Zhang Hngwei. (2023). Functional analysis of a NPC1 gene from the whitefly, Bemisia tabaci (Hemiptera: Aleyrodidae). Archives of Insect Biochemistry and Physiology, e22048. <https://doi.org/10.1002/arch.22048> (WoS – ENTOMOLOGY - Q1) and (Scopus -Insect Science - Q1)
3. Li, Y., Vlasenko, V., Bakumenko, O., Kovalenko, I., Bilokopytov, V., Li, D., & Li, G. (2022) Genome-Plasmon Interaction Effect on Resistance to Septoriosiis in Winter





- Triticum Aestivum* L. Alloplasmatic Lines. Journal of Microbiology, Biotechnology and Food Sciences, 11(4), 1-7. e5132. (Scopus, Web of Science) <https://doi.org/10.55251/jmbfs.5132> <https://cutt.ly/7IFQQ31> <https://office2.jmbfs.org/index.php/JMBFS/article/view/5132>
4. Liuliu Wu, Yongang Yu, Haiyan Hu, Ye Tao, Puwen Song, Dongxiao Li, Yuanyuan Guan, Huanting Gao, Xiaotian Sui, Trotsenko Volodymyr, Vlasenko Volodymyr, Halyna Zhatova and Chengwei Li (2022). A New Vesicle Transport Protein SFT2 - like (SFT2L) Enhances cadmium tolerance and reduces cadmium accumulation in common wheat grains. Journal of Agricultural and Food Chemistry, (J. Agric. Food Chem.) 2022, 70, 18, 5526–5540 <https://doi.org/10.1021/acs.jafc.1c08021> (Scopus) (Web of Science)
5. Yemets O. M., Vlasenko V. A., Demenko V.M., Tatarynova V. I., Rozhkova T. O., Burdulaniuk A. O., Bakumenko O. M., Osmachko O.M., Shcherbyna Y. M. Seymska Population of Russian Desman (*Desmana moschata* L.) in North-Eastern Part of Ukraine: A History of Formation and Current State. Indian Journal of Ecology. 47(4): 2020. 1077-1083. (Scopus) (Web of Sc.)
6. Ye Tao, Liuliu Wu, Vlasenko Volodymyr, Ping Hu, Haiyan Hu, Chengwei Li. (2024). Identification of the ribosomal protein L18 (RPL18) gene family reveals that TaRPL18-1 positively regulates powdery mildew resistance in wheat. International Journal of Biological Macromolecules. Volume 280, Part 2, November 2024, 135730. (Scopus) <https://doi.org/10.1016/j.ijbiomac.2024.135730> https://doi.org/10.1016/elsevier_cm_policy
7. Cao, Z., Bakumenko, O., Vlasenko, V., Li, W. & Cao, J. (2024). Molecular characterization and functional analysis of the ecdysone receptor isoform (EcR) from the oriental fruit moth *Grapholita molesta* (Lepidoptera: Tortricidae). Archives of Insect Biochemistry and Physiology; Volume 115, Issue 4. April 2024. e22110. (Scopus Q2) <https://doi.org/10.1002/arch.22110>
8. Cao, Z., Cao, J., Vlasenko, V., Bakumenko, O. & Li, W. (2024) Molecular characterization and functional analysis of a beta-1,3-glucan recognition protein from oriental fruit moth *Grapholita molesta* (Lepidoptera: Tortricidae). Archives of Insect Biochemistry and Physiology, January 2024, Volume 115, Issue 1. 1-16, e22068. (Scopus Q2) <http://dx.doi.org/10.1002/arch.22068> <https://authorservices.wiley.com/index.html#register>
9. Zhishan Cao, Jinjun Cao, Volodymyr Vlasenko, Xinfu Wang, Weihai Li. (2022). Transcriptome analysis of *Grapholita molesta* (Busk) (Lepidoptera: Tortricidae) larvae in response to entomopathogenic fungi *Beauveria bassiana*. Journal of Asia-Pacific Entomology. Volume 25, Issue 2, June 2022, 101926.





<https://doi.org/10.1016/j.aspen.2022.101926> (Scopus)
10. Pivtoraiko Viktor, Kabanets Vitaliy, Vlasenko Volodymyr. (2022). Diversity of the Entomocomplex of the Grass Stand of a Hemp Field in The North-Eastern Forest-Steppe of Ukraine. Scientific Horizons. Vol. 25, No. 4. 18-29.
DOI: 10.48077/scihor.25(4).2022.18-29 (Scopus)

Other significant scientific achievements

(no more than 5 positions for the last 10 years)

1. Patent for a plant variety, Ukraine. Type: Bread wheat. Variety name: Exprompt. Patent number 50. Application number 96007012. Owner and State code: Myronivsky Institute of Wheat named after V. M. Remesla of the UAAS, UA. Authors: Zhyvotkov L. O., Shelepov V. V., Vlasenko V. A., Vasilkovsky S. P., Prokopenko L. D., Basanets A. S., Kolomiets L. A., Bershadaska L. P., Kolyuchy V. T., Kovalyshyna H.M.
2. About the authorship of the plant variety Svitanok Myronivsky, bread wheat (winter); Certificate No. 140846 / H.S.Basanets, V.A.Vlasenko, V.P. Kavunets, V.V.Kyrylenko, G.M. Kovalyshyna, L.A. Kolomiyets, V.T. Kolyuchy, V.S. Kochmarsky, S.M. Marynka, S.O. Khomenko. Application No. 10007028.
3. About the authorship of the plant variety Vezha Myronivska, bread wheat (winter); Certificate No. 180796 Demydov O. A., Vlasenko V. A., Kyrylenko V. V., Gumenyuk O. V., Zamlila N. P., Vologdina G. B., Dubovyk N. S., Khomenko S. O., Yurchenko T. V., Zaima O. A. Application No. 10012020.
4. Patent for invention (utility model) U 2021 00950. Topic: Method for calculating the bilotserkivsky index in bread wheat breeding. Author (co-authors) - Lozinska T. P., Lozinsky M. V., Vlasenko V. A., Fedoruk Yu. V.
5. Author's certificate for the work: No. 134483. Scientific work "Characteristics of adaptive traits in hybrids between varieties of bread winter wheat in the conditions of the north-eastern forest-steppe". Authors: Bakumenko O. M., Vlasenko V. A., Osmachko O. M., Burdulanyuk A. A., Tatariynova V. I., Demenko V. M., Yemets O. M., Sakhoshko M. M., Bashlay A. G., Pivtorayko V. V.

Presentation of scientific results

Keynote (plenary) presentations at conferences of national or international level (except for conferences that have always been held in absentia)

1. Bakumenko O. M., Vlasenko V. A. Features of tying winter wheat seeds when crossing varieties with introgressed components and without them // Plant Breeding and genetic science and education (Pariy readings): Materials of the VI International Scientific Conference, March 15-17. - Uman publ., 2017. - P. 18-21.
2. Vlasenko V. A., Bakumenko O. M. Genetic assessment F1-F2 of bread winter wheat created with the participation of varieties-carriers of wheat – rye translocations // Realization of the potential of varieties of grain crops - a way to solve the food problem: International Scientific and Practical Conference, October 20, 2017. – Tsentralne publ., 2017, P. 18-





Reports at scientific
conferences* (seminars,
symposia, etc.)

(no more than 10 items for the last 10
years)

- 19.
3. Osmachko O. M., Vlasenko V. A. Transgressive variability of resistance against septoria of hybrids of bread winter wheat in the conditions of forest-steppe // Plant Breeding and genetic science and education (Pariy readings): Materials of the VI International Scientific Conference [editorial: O. O. Nepochatenko (Ed.) et al.]. - Uman publ., 2017. P.92-96.
4. Osmachko O. M., Vlasenko V. A. Features of genetic determination of immunity against brown rust in F₂ of bread winter wheat / / materials of the V International Scientific and Practical Conference of young scientists and specialists "Plant breeding, genetics and technologies of growing agricultural crops". - Tsentralnoye village, 2017, p. 95-96.
1. Shunxiao Liu, Vlasenko V.A., Hao Yu. The development and innovation of plant protection in agricultural production // 12th International Conference for Yong Scientists and Students "Innovational Processes of Economic, Social and Cultural Development: Domestic and Foreign Experiences" (April 10-11, 2019). – Ternopil, 2019. – P.172-173.
2. Cao Zhishan, Vlasenko Volodymyr. Research and application of nanoparticle-mediated RNAi Technology in pest control // Proceedings of the international scientific and practical conference «Honcharivski Chytannya» (May 2022). - Sumy NAU, 2022. - P.158-160.
3. Bakumenko O. M., Vlasenko V. A. Adaptive level of varieties of bread winter wheat created by various breeding institutions of Ukraine. scientific conf. "Scientific readings dedicated to the 100th anniversary of the birth of Professor I. V. Yashovsky"; August 14-15, 2019, NSC "Institute of Agriculture of the NAAS", Chabany village. – 2019. – P.49-52.
4. Bashlai A. G., Vlasenko V. A. Osobennosti regulirovaniya phytosanitary status of grain crops in biological agriculture // Modern Movement of Science: theses of the supplement. IX International Scientific and Practical Internet Conference, December 2-3, 2019 – Dnipro, 2019. – Vol. 1. – P. 84-87.
5. Osmachko O. M., Vlasenko V. A. Ecological aspects of winter wheat protection from *Blumeria graminis* (DC.)// International scientific and practical conference. - Lublin. Republic of Poland. 2019. – P. 81-85.
6. Bakumenko O. M., Vlasenko V. A. Evaluation of varieties of bread winter wheat carriers of introgressed components by the length of the main ear // Improving the efficiency of breeding and crop production in modern conditions: a collection of abstracts of the international scientific conference dedicated to the memory and scientific heritage of the outstanding scientist V. Y. Yuryev, July 3-5, 2019, Institute of plants named after V. Ya. Yuryev of the NAAS. Kharkiv, 2019, P. 134-137.
7. Vlasenko V. A., Bakumenko O. M. Resistance of the Chinese assortment of bread winter wheat in the conditions of Ukraine





- to leaf diseases // Materials of the Scientific and Practical Conference of Teachers, Postgraduates and Students of Sumy NAU (April 17-20, 2020). - Sumy, 2020.- P.38.
8. Vlasenko V. A., Bashlay A. G., Bakumenko O. M., Perhun M. M. Biological method of plant protection in Ukraine. Science-Practic. conf. " Honcharivski Chytannya" (Sumy, May 25-26, 2020).- Sumy, 2020. - P. 132-135.
9. Bakumenko O. M., Vlasenko V. A., Osmachko O. M. Creation of source material, resistant to adverse biological factors, as a component of ecologically oriented technologies of plant protection / / Problems of Ecology and Ecologically Oriented Plant Protection: Materials of the International Scientific and Practical Conference of the Faculty of Plant Protection of Kharkiv NAU, October 29-30, 2020. - Kharkiv: "Planeta – print", 2020.– P. 18-20.
10. Zhishan Cao, Vlasenko Volodymyr. The integrated pest management measures for fruit borer in organic orchard // Scientific readings to the 85th anniversary of the birth of V. G. Mykhailov ... : Materials of the Scientific Internet Conference. October 5, 2021, Chabany. - Vinnytsia: LLC "WORKS", 2021. - C.166-170.

Teaching activity

Main author's training courses in higher education institutions (developed on the basis of own research)

(no more than 5 items for the last 10 years)

1. Epiphytology. Level II of Higher Education, Sumy National Agrarian University, 5 ECTS credits
2. General Virology. Level I of Higher Education, Sumy National Agrarian University, 5 ECTS credits
3. Protection of ornamental and flowering plants from pests. Level I of Higher Education, Sumy National Agrarian University, 5 ECTS credits
3. Protection of ornamental and flowering plants from pests. Level I of Higher Education, Sumy National Agrarian University, 5 ECTS credits

Major author's methodological developments (textbooks, manuals, teaching materials, curricula for higher education)

(no more than 5 items for the last 10 years)

1. Vlasenko V. A., Rozhkova T. O. General mycology: a textbook. - Sumy: SNAU, 2016. - 271 p.
2. Vlasenko V. A., Bakumenko O. M. Epiphytology. Textbook for Master's students of the 1st full-time course of specialty 202 "Plant Protection and quarantine". - Sumy: SNAU, 2018.- 138 p.
3. Vlasenko V. A., Bakumenko O.M. Textbook "General Virology" for Bachelor's students of specialty 202 "Plant Protection and quarantine" of full-time education.- Sumy: SNAU publ., 2018. - 197 p.
4. Demenko V. M., Vlasenko V. A., Yemets O. M., Kabanets V. V. Protection of ornamental and flower plants from pests. Training manual.- Sumy: SNAU, 2017. – 392 p. (Protocol No. 8 of June 26, 2017)
5. Bakumenko O.M., Vlasenko V.A. Fundamentals of biological





protection of plants from harmful organisms / For applicants of higher educational institutions in the specialty "Plant Protection and Quarantine", as well as for applicants, postgraduates and teachers of higher educational institutions of biological and agronomic profile and specialists in plant protection and quarantine.- Sumy: SNAU, 2021.- 129 p. (Protocol No. 11 of 18.05.2021)

Expert activity

Membership in specialised academic councils for the defence of dissertations

(no more than 5 positions in the last 10 years)

1. Member of the specialized academic council K 55.859.03 at Sumy National Agrarian University of the Ministry of Education and Science of Ukraine and Poltava State Agrarian Academy of the Ministry of Education and Science of Ukraine (valid 2011-2017)
2. Deputy Chairman of the dissertation Council D 55.859.03 at Sumy National Agrarian University of the Ministry of Education and Science of Ukraine (valid from 2017 to the present).
3. Trained 7 postgraduates who successfully defended their dissertations and received diplomas of the scientific degree of Candidate of Sciences (3) and Doctor of Philosophy (4).

Improving scientific qualifications

Additional professional training (trainings, summer schools, educational seminars, workshops, courses, etc. to obtain relevant scientific knowledge, skills and abilities)

(no more than 5 positions in the last 10 years)

1. Certificate of advanced training of PK No. 0215510/003993 – 25 was issued by Sumy State Pedagogical University named after A. S. Makarenko on March 12, 2025 to confirm that he studied from February 03, 2025 to March 12, 2025 under the program: Technologies for teaching biological disciplines and conducting scientific research in a biological direction (a total of 6 credits-180 hours).
2. Participation in the training of the National Agency for quality assurance of Higher Education together with the British agency QAA with the support of the British Council Ukraine "Industry aspect of accreditation: international experience" for members of industry expert councils, 30 hours (1 ECTS credit). Registration number 0101 (QAA)/2022. Certificate issued on February 03, 2022.
3. Ministry of education and science, SNAU, CPKPUKPS "Quality Assurance of Higher Education", April 27 – May 4, 2020, certificate No. NPP 20032.
4. National University of Bioresources and Nature Management of Ukraine, SEI. Topic: "Optimization of the curriculum for high-quality training of specialists in the field of training "Agronomy" for the forest-steppe zone". Certificate 12SPV 105054 dated 20.03.2015.





Scientific internships abroad
(for more than 2 months, in
higher education institutions
or research institutions, except
for part-time and excluding
CIS countries)

*(no more than 5 positions in the last 10
years)*

1. Wyższa Szkoła Zarządzania i Administracji w Opolu: «Best Management Practices in Ecology and Plant Protection for Implementation in Ukraine», 1st of March to 31st of May, 2020 (180 hours, Certificate No. 091);
2. "Phytopathological monitoring of agroecosystems in Gansu province of China". Academy of Agricultural Sciences of Dingxi city, Gansu province. Certificate of internship from July 10 to August 10, 2017 (140 hours), issued by the Academy of Agricultural Sciences of Dingxi city, Gansu province, Certificate dated 10.08.2017.

Knowledge of foreign
languages

English – Level B2
Certificate No: 000203108 (08.01.2020)
Common European Framework of Reference (CEFR)
City: Kyiv

