

# AZERBAIJAN STATE AGRICULTURAL UNIVERSITY

**Name:** Vusal

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**Faculty:** Agronomy

**Department:** Biology

## **EDUCATION, SCIENTIFIC DEGREES AND SCIENTIFIC NAMES**

Technology of Azerbaijan Technological University with honors and received a bachelor's degree.

In 2000, he graduated from the graduate school of Azerbaijan Technological University with a degree in food technology with honors and received a master's degree.

In 2014 he defended his thesis "Study of phenolic compounds in the cultivation and storage of grape varieties," receiving a Ph.D. in biology.

In 2019, he received the academic title of assistant professor in biochemistry.

## **EMPLOYMENT**

From 2019 to the present - Associate Professor of Biology, ADAU;

2013 - Chief Laboratory Assistant of the Department of Food Technology of Azerbaijan Technological University;

In 2014-2015, he was an assistant at the Department of Food Technology of Azerbaijan Technological University;

In 2015-2018, he was a senior lecturer at the Department of Biology of Azerbaijan State Agrarian University;

In 2018-2019 acting assistant professor of the Department of Biology;

Since 2015, he has been holding lectures and laboratory classes in the subjects "Monitoring of reservoirs," "Biochemistry of aquatic plants," "Plant biochemistry," "Ornamental aquatic plants";

At the magistracy, he holds a lecture on the discipline "Theoretical Foundations for Assessing Hydrobiont Reserves."

He was the supervisor of 5 masters.

Author of 24 articles, 1 textbook, 5 programs.

## **RESEARCH AREA**

Study of biochemical changes in the cultivation and storage of table grape varieties.

## **PARTICIPATIONS IN THE INTERNATIONAL SEMINARS, SYMPOSIUMS AND CONFERENCES**

1. Foundation for the Development of Science under the President of the Republic of Azerbaijan. Within the framework of the II Republican Fair of Innovative Ideas of Young Scientists "New Challenges: Experience and Basics of Application of Scientific Innovative Research Works in Modern Conditions" Scientific Conference of Young Scientists, Baku, 2012
2. Technological innovations and scientific and technological progress of ATU. " Ganja, 2013
3. Ministry of Youth and Sports of the Republic of Azerbaijan, Azerbaijan Society of Young Scientists, Graduate Students and Masters. III Republican Fair of Innovative Ideas of Young Scientists Baku, 2013
4. ATU, International Scientific and Practical Conference, Ganja, 2014
5. International Scientific and Practical Conference of ATU "Study and Implementation of Creative Industrial Technologies." Ganja, 2015
6. "Modern engineering technology and environmental protection" International Scientific and Practical Conference. Kutaisi, 2016
7. "New and non-traditional plants and prospects for their use" XII International Conference, 2016, Yalta,
8. Ganja State University International Scientific and Practical Conference, Ganja, 2017.
9. International Scientific and Practical Conference, Vladikavkaz, 2017
10. International Scientific Conference "Topical Issues of Fertilizer Application in Agriculture" Mountain State Agrarian University, 2017
11. Lancaran State University, Scientific and Practical Conference, 2017.

## **SCIENTIFIC WORKS**

Author of 24 articles, 1 textbook, 5 programs.

1. V.M. Orujov, M.U. Khasanova, A.A. Nabiev. Study of long-term storage of intraduction grape varieties/Topical problems of food, weaving and light industry of ATU. Materials of the republican scientific and practical conference. 2009, Ganja, Art. 2-3.
2. Orujov V.M, Gulieva G.I., Nabiev A.A. Study of phenolic compounds in grape storage/Winemaking and viticulture, Moscow, 2009, No. 5, p. 38-39
3. V.M. Orujov, G.I. Kulieva, A.A. Nabiev. Research of quality indicators during long-term storage of various types of grapes in the refrigerating chamber/Topical problems of food, weaving and light industry of ATU. Materials of the republican scientific and practical conference. 2010, Ganja, pp. 13-14.
4. V.M. Orujov, M.I. Khasanov, A.A. Nabiev. Prospects for the Accumulation, Conservation and Sustainable Use of Grape Genetic Resources/ASAU International Scientific and Practical Conference. May 21-22, 2010
5. Nabiev A.A., Orujov V.M. Study of long-term storage of table grape varieties in the Ganja-Kazakh zone ./Scientific Innovation Center of ANAS. The role of scientific innovation in the development of the country's economy. Materials of the international scientific and practical conference. November 24-25, 2011, Baku, p.357
6. V.M. Orujov, M.K. Abadov, A.A. Kasumova, A.A. Nabiyeu. Anthocyanin Research of Various Grape Varieties/ANAS Biology and Medical Science News, Vol. 67, № 1, 2012, Baku, p.139

7. Orujov V.M. Study of Innovative Technologies for Grape Storage/Foundation for the Development of Science under the President of the Republic of Azerbaijan. Materials of the scientific conference of young scientists "New Challenges: Experience and Basics of Application of Scientific and Innovative Research Works in Modern Conditions" within the framework of the II Republican Fair of Innovative Ideas of Young Scientists, July 25-27, 2012, Baku, art. 136
8. Orujov V.M, Abadov M.K, Nabiev A.A, Shubladze L.P. Study of anthocyanins in grapes during its storage//Winemaking and viticulture, Moscow, 2012, No. 3, p. 38-41
9. Orujov V.M., Nabiev A.A. Study of flavanoids, phenolic carboxylic acids, stilbenes and prostanidins in grape varieties/ANAS News on Biology and Medical Sciences, Volume 68, No. 1, 2013, Baku, page 30
10. Orujov V.M, Nabiev A.A. Study of flavonoids, phenolic carboxylic acids, stilbenes and procyanidins during grape storage//Winemaking and viticulture, Moscow, 2013, No. 1, p. 48-52
11. Orujov V.M. Study of the activity of the polyphenol oxidase enzyme depending on the degree of ripening of grape varieties/Materials of the Republican Scientific and Practical Conference of ATU "Technological Innovations and Scientific and Technological Progress." May 6-8, 2013, Ganja, p. 21.
12. Orujov V.M., Kasumova A.A., Nabiev A.A. Study of quality indicators of table grape varieties depending on their ripeness. Ganja branch of the National Academy of Sciences, 2013, No. 54, Ganja, pp. 91-97
13. Orujov V. M. Study of anthocyanins by chromato-mass spectrometry in the storage of table grape varieties/Ministry of Youth and Sports of the Republic of Azerbaijan, Azerbaijan Society of Young Scientists, Graduate Students and Masters. Materials "III Republican Fair of Innovative Ideas of Young Scientists," September 16-20, 2013, Baku, page 91
14. Orujov V.M., Kasumova A.A., Nabiev A.A. Study of biochemical indices of grape varieties stored according to variants. Scientific works of ASAU, 2013, No. 3, Ganja, pp. 25-31.
15. Orujov V.M., Kasumova A.A., Kakhramanova E.M. Study of quantitative change of vitamin C depending on the maturation time of table grape varieties. ATU, International Scientific and Practical Conference, 2014
16. Orujov V.M., Kakhramanova E.M Study of phenolic compounds during ripening and storage of grape varieties. Materials of the International Scientific and Practical Conference of ATU "Study and Implementation of Creative Industrial Technologies." Ganja, 2015, p.140
17. Orujov V.M. Establishing the relationship in changing the content of phenolic substances and vitamin C in table grape varieties during long-term refrigeration storage. "Modern engineering technology and environmental protection" International Scientific and Practical Conference. Kutaisi, 2016, p. 309
- 18.Orujov V.M., Kaziev A.T., Huseynov A.M., Kerimova R.R. Therapeutic and preventive and fodder features of wormwood. "New and non-traditional plants and prospects for their use" Proceedings of the XII International Conference, June 6-10, 2016, Yalta, p.468
19. Orujov V.M., Kaziev A.T., Medicinal properties of lemon "New and unconventional plants and prospects for their use" Materials of the XII International Conference, June 2016, Yalta, p.468
20. V.M. Orujov. Useful properties of water trefoil. International Scientific and Practical Conference, Ganja State University 2017.
21. V.M. Orujov, A.T. Kaziyev. The development of agriculture as a powerful topic of economic development of Azerbaijan. International Scientific and Practical Conference, Vladikavkaz, 2017
22. Orujov V.M., Alekperova Sh. E., Kaziev A.T., Huseynov A.M. Heavy metals and the influence of their compounds on the formation of corn seedlings. Materials of the

International Scientific Conference "Topical Issues of Fertilizer Use in Agriculture"  
Mountain State Agrarian University, 2017

23. Orujov V.M., Kaziev A.T., Mammedova N.O. Features of growing corn seeds.  
Materials of the International Scientific Conference "Current and new directions in the  
selection and seed production of crops" Mountain State Agrarian University, 2017

24. V.M. Orujov, A.M. Dzhafarov. The role of algae in the enrichment of the environment  
with oxygen. Republican Science Conference. Lankaran State University, 2017

25. Vusal Magerram oglu Orujov "Ornamental aquatic plants" Textbook, Ganja, 2018.

## **LANGUAGE SKILLS**

English

Russian