#### AZERBAIJAN STATE AGRARIAN UNIVERSITY

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**Department:** Horticulture



# **EDUCATION, ACADEMIC DEGREE AND ACADEMIC TITLE**

Bachelor's degree in Biology specialty of Faculty of Natural Sciences of Nakhchivan State University (NSU) in 2000,

Master's degree in botany specialization of NSU in 2002,

Philosophy doctor on biology in 2010,

Associate professor in the specialty of botanist in 2013,

#### JOB EXPERIENCE

2018-currently-Associate professor of the Department of Horticulture the faculty of Agronomy of ASAU;

2015-2018 Head of the ASAU Science Department, 0,5 term associated professor, Department of Horticulture;

2014-2015 Associate professor of the Department of Horticulture ASAU;

2012-2013 biology teacher, Turkish Lyceum in Nakhchivan;

2011-2014 Senior researcher, Department of Botanical of the Institute of Bioresources Nakhchivan Department of ANAS;

2008-2011 Research Fellow, Department of Botanics of the Institute of Bioresources Nakhchivan Department of ANAS;

2005-2006 biology teacher, Turkish Lyceum in Nakhchivan;

2004-2008 Junior researcher, Department of Bioresources of the Institute of Bioresources Nakhchivan Department of ANAS, a junior scientific worker, "Ideal", "Gamigaya", "Tusi";

2003-2004 Great research assistant, Department of Genefond of the Institute of Bioresources Nakhchivan Department of ANAS;

2002-2003 chief of the radio station with the rank of sergeant in Special Forces:

2001-2002 Biology teacher at NDU, Preparatory Department, Senior Lecturer in Genetics and Selection Laboratory of Nakhchivan Regional Science Center of Azerbaijan Academy of Sciences;

2000 - 2002 Biology teacher at Goydera village secondary school in Julfa,

2016-2018 Member of the Dissertation Council FD.04.131, agro-engineering, plant growing and animal husbandry in ADAU;

2019-currently-the scientific secretary of the FD 2.18 Dissertation Council's scientific seminar on 3103.06 - "Plant Protection".

From 2014, has been giving lectures and laboratory classes at the undergraduate level on "Viticulture", "Vegetable", "Ornamental horticulture", "Technology of plant products", "Research methods in horticulture", "Wild vegetable plants";

At the master's level in the specialties of fruit, vegetable, viticulture and agrogeobotany "Viticulture", "Nursery", "Grape selection", "Primary processing of grapes", "Table viticulture", "Modern problems of the field", "History of research", conducts lectures and laboratory classes on "Methods", "Wild Vegetable Plants", "Horticulture", "Seed

Production of Vegetable Plants", "Vegetable Seed Production", "Fruit Growing", "Ornamental Horticulture", "Formal Horticulture" and "Origin of Cultivated Plants".

He was the scientific adviser of about 10 masters

2013-2015- Dissertation work was an official opponent of 2 doctors of philosophy.

In 2017, gave an expert opinion on the module textbook "Plants and their use" developed for horticulture in vocational education institutions and the recommendation "Agrotechnical measures in vineyards."

In 2019, project technical assessment experts, report on "Value chain of collection, processing and packaging of wild herbs in Ismayilli district" Ministry of Agriculture of the Republic of Azerbaijan State service on management of agricultural projects and credits Agricultural competitiveness improvement project (P122812);

In 2011-2012, participated in the International Expeditions in different areas of the Nakhchivan Autonomous Republic, "The study of genetic stocks of vegetable crops, especially Spinacia and Asparagus species and collecting cell plasma samples", together with the head of the Centre for Genetic Resources, the Netherlands Dr. Christoffel Kik;

In 2010-2011, within the framework of the grant project "Diseases of stone fruit crops and the search for resistant genotypes", together with specialists from France, Turkey and Iran, 7 days participated in an international expedition to the territory of the Nakhchivan Autonomous Republic, 2 days at the Research Institute of Horticulture in Tabriz, Islamic Republic Iran;

In 2005, "Nakhchivan-Gemikaya" 4-day International Expedition, participated, 17-20 July

2018-currently Member of the Editorial Boards of international journals with an impact factor "Black Sea scientific journal of Academic Research Multidisciplinary Journal", "The Caucasus Economic and social analysis Journal", "Proceeding of the international research, education & training center Multidisciplinary Journal";

In 2018, he was an observer at all precincts of the Ganja city constituency No. 39 in the presidential elections in the Republic of Azerbaijan.

From 2011 to the present, he is the head of exams for "admission", "graduation" and "trial" exams held in the regional offices of the State Examination Center (formerly the SCS) in Nakhchivan and Ganja.

In 2013, at the presidential elections in the Republic of Azerbaijan, he was a member of the precinct election commission No. 20 of the Nakhchivan city electoral district No. 4:

In 2010-2012, was an author and presenter of the "Nature and we", "Mysterious Nature" radio programs for 2 years in "Voice of Nakhchivan" radio in the Nakhchivan Autonomous Republic.

In 2010-2013, acted as an expert at seminars and discussions held in the Nakhchivan regional branch of the State Commission for the Admission of Students "In connection with errors in textbooks for secondary schools and testology."

In 2004-2007, acted as an expert at seminars and monitoring conducted on pastures and hayfields in accordance with the "State program for the rational use of summerwinter pastures, hayfields and prevention of desertification in the Nakhchivan Autonomous Republic,

Since 2013, has been the author and co-author of photographs of the flora and fauna of the Nakhchivan Autonomous Republic, published in the 2nd edition of the "Red Book" of the Republic of Azerbaijan.

Since 2017 has been an active member of the trade union committee of ADAU;

Since 2005, a member of the New Azerbaijan Party;

Member of the Azerbaijan Society of Ornithologists since 2005;

Member of the Azerbaijan Society of Botanists since 2004.

Author of about 65 scientific papers, 44 articles, 1 thesis, 2 generalizing books, 2 textbooks, 1 study guide, 14 programs.

#### RESEARCH CONDUCTED

Beginning the 2015 the geo-botanical researches with regard to the providing the modern ecologically floristically definition of Azerbaijanian part of Small Caucasian chain based on botanically-geographical differentiation as well as with regard to the scientific substantiation of protection of river basins are being performed;

In 2014-currently in Ganja-Kazakh region it was performed the scientific-research work with regard to the analysis of grape vegetation gene pool;

In 2011-2014 in order to determine the dendroflora of local and imported trees and bushes, their genesis, geographical origination and areal types the dendrofloristik scientific-research work has been performed in the region territories;

In 2003-2010 geobotanic research was carried out on "Flora, vegetation of the Gilanchay basin in Nakhchivan Autonomous Republic and its phytomeliorative importance":

In 2000-2002 years systematic researches were conducted according to the topic of master thesis "Plants of the *Liliaceae* family of the Nakhchivan Autonomous Republic and their importance".

### **GRANT PROJECTS**

In 2018–2019, "Researching Protective Effects of Polygonum carneum Extract on Indomethacin-Induced Wound Model in Rats" by the Turkish Higher Education Commission (YÖK) within the Mevlana International Exchange Program between Turkey and Azerbaijan Universities, (HEC-2018-2019- 95916564-724.01.03-E.4893) between the PhD Faculty of Pharmacy at the Ataturk University of Turkey and the Department of Pharmacy and Veterinary-Sanitary Expertise of Veterinary Medicine and Geophysics faculty of the Azerbaijan State Agrarian University), executor;

In 2018, Participant of the project implemented by the Slovenian Nova Gorica University within the framework of the Erasmus + grant agreement for the Partner Mobility for Training:

In 2017-2018, The module "Spices, Herbs and Medicinal Plants" compiled by the BP and its partners, the second phase of the AVEDNO (Creating new qualifications in vocational education) project financed under the Social Investment Initiative, project executor;

n 2017 participating in the discussions at the Aran Regional Development Center in Yevlakh, the Ministry of Economy, as a member of the working group on Aran Regional Development Plan, which prepared by the partnership of the Ministry of Economy of the Republic of Azerbaijan and with the financial support of the European Union within the framework of the Pilot Regional Development Program Technical Assistance Project (PRIP), project executor;

In 2015-2019, Under the co-ordination of the Montpellier University of France (06-10.12) within the framework of the "Erasmus +" Program for Strengthening Capacity in Developing Countries by the European Commission's Education, Audiovisual and Culture Executive Agency (EACEA) entitled "Adaptation and mutual research of the doctoral education system to European standards in Azerbaijan" Upsala (25-30.09.2016), Germany's Heidelberg (12-16.12.2016), Masaryk (02-06.10.2017), Barcelona (22-26.04.2018), Spain, Ministry of Education of Azerbaijan, ANAS, Baku State University, Azerbaijan State Economic University, University of Architecture and Construction, Khazar University, Baku Engineering University, Azerbaijan University of Languages, Azerbaijan Technical University, Nakhchivan State University and Azerbaijan State Agrarian University as Manager of the NIZAMI project (Erasmus + Capacity Building in Higher Education NIZAMI 561784- EPP-1-2015-1-FR-EPPKA2-CBHE-SP), which is implemented through exchange of experience between the universities of Azerbaijan:

In 2011-2012, Participant of the first grant competition on fundamentals applied science of botanical direction of biology, medicine and agrarian science of the Science Development Fund under the President of the Republic of Azerbaijan named "Determination of gene pool of approved medicinal plants in the Nakhchivan Autonomous Republic, productive use of approved medicinal plants with rich natural resources and scientific basis of their protection" Scientific-Research Grant Project (EIF-2011-1 (3) -82 / 55-3),

In 2010-2013 Participant of extensive scale international scientific research project "Diseases of stone fruit crops and search of resistant genotypes". Genetic Resources Institute of NAS of Azerbaijan jointly conducted by scientists in France, Germany, Turkey and China;

In 2009-2012 Participant of extensive scale international scientific research project "Course and workshop for the conservation monitoring of leopards, co-predators and prey in the Caucasus Ecoregion". Azerbaijan Office of WWF International organization on the Caucasus program, the IUCN/SSC Cat Specialist Group (hosted by KORA in Switzerland) and Bioresources Institute Nakhchivan Section of ANAS;

In 2009-2011 Participant of scientific research project of FAO – Azerbaijan "Strengthening the use of PGR using traditional plant breeding and biotechnology capabilities":

In 2007-2010, Participant of extensive scale international scientific research project "The study and collection of plant genetic resources in the South Caucasus" organized by Genetic Resources Institute of Azerbaijan NAS, U.S. Department of Agriculture and the International Centre for Agricultural Research in the Arid Areas (ICARDA);

# PARTICIPATION IN INTERNATIONAL SEMINARS, SYMPOSIUMS AND CONFERENCES

International trainings and seminars

- 1.In 2021, Azerbaijan Good Agricultural Practices (GAP), Training for Trainers (ToT), 5 days online training, German Agency for International Co-operation (GİZ), the programmer "Management of natural resources and safeguarding of ecosystem services for sustainable rural development in the South Caucasus" (ECO serve), pilot project;
- 2. In 2019, for successful completion of an intensive course (10 days) on "Plant Disease Diagnosis and Management", Mohammad Babadoost Professor of Plant Pathology University of Illinois, Urbana-Champaign United States of America, at the Azerbaijan State Agricultural University, Ganja city, Azerbaijan, His grade was a B certificate;
- 3. In 2018, Locust Monitoring and Information Management, including the Data Acquisition Management System (MTAS) and the CAPACA on Caucasus and Central Asia, "The FAO National and Regional Ground Control Program for the Caucasus and Central Asia (QMA) GCP / SEC / 004 / TUR within the Training / 5 days Training Course held at the Azerbaijan State Agrarian University in Ganja;
- 4. In 2016, The subregional seminar "Policy and research in the field of intellectual property in universities and research institutes" organized by the World Intellectual Property Organization, the Copyright Agency of the Republic of Azerbaijan, the State Committee for Standardization, Metrology and Patents and the Ministry of Education of the Republic of Azerbaijan in Baku;
- 5. ECDL module and e-Citizen program held by ECDL Fund and granted by ECDL Azerbaijan, Certificate, May 9, 2016;
- 6. Certificate on participation at theoretical-practical seminar "Production and management of seed products for the developing countries" held by National Agro-Technical Development and Service Centre of Ministry of Agriculture of China Republic, June 26 July 16 2015;

- Certificate on completion of the Professional Skills Program course held by CRDF Global company with regard to the seminar "Authorship of reviewed articles", Baku, 19-21 May 2015.;
- 8. At the seminar held by Technology Management Company (TMC) and CRDF Global on the subject of "The preparation of Funding Proposal Concept", Certificate, 1-3 April 2015:
- 9. In an international seminar, held jointly with the International Centre for Scientific and Technical Information (ICSTI) and Science Innovations Centre of National Academy of Sciences of the Republic of Azerbaijan (SIC), on the theme "Information and innovations: international experience and modern approaches", Certificate, 2011;
- 10. "Course and workshop for the conservation monitoring of leopards, co-predators and prey in the Caucasus Ecoregion" the course is co-organised by the WWF Caucasus Programme, the Council of Europe's Bern Convention Secretariat and the IUCN/SSC Cat Specialist Group, Republic of Georgia, Tbilisi, 16-19 May 2011;
- 11. "Training Course Documentation of Plant Genetic Resources and Use of Geographic Information Systems (GIS)", organized by Genetic Resources Institute of ANAS and the International Centre for Agricultural Research in the Arid Areas (ICARDA), Baku, March 30-31, 2011
- 12. In an international seminar, held jointly with the International Centre for Scientific and Technical Information (ICSTI) and Science Innovations Centre of National Academy of Sciences of the Republic of Azerbaijan (SIC), on the theme "Information and innovations: international experience and modern approaches" 2011. International symposiums:
- 13. In 2017, British Council Azerbaijan in partnership with the Institute of Education of the Republic of Azerbaijan, international symposium on "Higher Education and Economic Development: Innovation, Entrepreneurship and Financial Sustainability of Universities", participant,
- 14. Ismayilov A.H. Scientific and practical aspects of phytomeliorative works carried out on Gilanchay basin / Nakhchivan today: Reforms, perspectives, materials of the international symposium, 2008, p. 490-496 International conferences:
- 15. Ismayilov A.H., Ibrahimov A.Sh. Analyses of protection plants in Gilanchay basin of Ordubad region / Materials of XI International Scientific and Practical Conference "Prospective studies of science and technology 2013", 07-15 November 2013, Ecology, Geography and Geology, Think, 2013, Volume 30, p. 15-22, url: http://www.rusnauka.com/32\_PRNT\_2013/Ecologia/6\_149259.doc.htm
- 16. Talibov T.H., Ibrahimov A.Sh., Ismayilov A.H., Alakbarov R.A. Nakhchivan Autonomous Republic official medical plants taxonomic spectrum // Azerbaijan NAS Institute of Botany Transactions of the international conference dedicated to "Actual problems of the use of useful plants" October 26-28, 2011, Baku, Azerbaijan, p. 189-195
- 17. Ismayilov A.H. Guarding status plants of the Gilançay basin of Nakhchivan Autonomous Republic // Biodiversity and plant introduction, materials of the international Scientific Conference, devoted to the 75 anniversary of the Central Botanical Garden of Azerbaijan NAS, Baku, September 23-24, 2009, II part, p. 225-230 Republican conferences:
- 18. Ismayilov A.H. Collection of gene pool of grape plants in Ganja-Gazakh region and use of promising varieties in intensive horticulture / Intensive horticulture in Azerbaijan: scientific-practical conference on achievements, prospects, problems and solutions, ADAU, 2020
- 19. Ismayilov A.H. The eko-biomorphological analysis the small part of the Caucasus flora in Azerbaijan, In the republican scientific conference at the Lankaran State University on "Integration in the modern world and actual problems of science" LSU, 2017, p. 27-29

- 20. Ismayilov A.H. Desert and semi-desert vegetation of the Gilanchay basin / The development of science in Azerbaijan and regional problems, Materials of the Scientific Conference, 2005, p. 372-376
- 21. Ismayilov A.H. Distribution of species colchicum (Colchicum L.) in the flora of the Nakhichevan Autonomous Republic // Nakhchivan State University, Research the flora and fauna of the Nakhchivan Autonomous Republic, Materials of the Scientific Conference, 2002, p. 33-34

## MƏQALƏLƏR VƏ ELMI ƏSƏRLƏR

- 1. Books in the republic: Talibov T.H., Ibrahimov A.Sh., Ibrahimov A.M., Alakbarov R.A., Ismayilov A.H., Guliyev V.B., Gurbanov A.K. Official Medicinal Plants of Nakhchivan Autonomous Republic, Nakhchivan 2014, 467 p.
- 2. Books in the republic: Was an author and co-author of photos on flora and fauna of the Nakhchivan Autonomous Republic used in the second edition of the "Red Book", Baku, 2013.
- 3. Books abroad: Talybov T.G., Ibragimov A.Sh., Ibragimov A.M., Alekperov R.A., Ismayilov A.Kh., Guliev V.B., Gurbanov A.K. Medicinal plants of the Nakhchivan Autonomous Republic / edited by S.G. Mardanly. Orekhovo-Zuevo: Editorial and Publishing Department of GSTU, 2018.452 p .: col. silt +30 cards, Translation from Azerbaijani into Russian Kafarova Nadia Vladimirovna
- 4. Textbooks: Gasimov H.Z., Alakbarov R.A., Ismayilov A.H., Seyidov M.M. The origin of cultivated plants (Textbook). Nakchivan 2018, 304 p.
- 5. Textbooks: Ibadullayeva S.C., Mustafayeva I.R., Alekperov R.A., Ismayilov A.H., Gasimov H.Z., Gasimova Sh.Sh. Pharmacognosy with the basics of botany. Nakhchivan 2015, 644 p.
- 6. Course materials: Ismayilov A.H. Spices, Herbs and Medicinal Plants. Modular course materials for profession of vegetable maker in vocational education institutions, Baku 2018, 220 p.
- 7. Ələkbərova M.M., Abduləliyeva S.Ş., İsmayilov A.H. Bağçılıq və tərəvəzçilik ixtisasının (AT-050711) bakalavr səviyyəsi üçün "Üzümçülük" fənnindən proqram, 2020, 8 s
- 8. İsmayilov A.H., Abduləliyeva S.Ş., Ələkbərova M.M. Aqronomluq ixtisasının (060702) Üzümçülük ixtisaslaşmasının magistratura səviyyəsi üçün "Üzümün ilkin emalı" fənnindən program, 2020, 16 s.
- 9. Məmmədova M.M., İsmayilov A.H., Həsənova M.M., Ağayev F.F. Aqronomluq ixtisasının (060702) Tərəvəzçilik ixtisaslaşmasının magistratura səviyyəsi üçün "Tərəvəzçilik elminin müasir problemləri" fənnindən program, 2020, 12 s.
- 10. Məmmədova M.M., İsmayilov A.H., Həsənova M.M., Ağayev F.F. Aqronomluq ixtisasının (060702) Tərəvəzçilik ixtisaslaşmasının magistratura səviyyəsi üçün "Tərəvəzçilik elminin tarixi və metodologiyası" fənnindən proqram, 2020, 8 s.
- 11. Programs: Ismayilov A.H. The program of "Research Methods" for Master Degree in Agronomy (060702), Ganja 2017, 14 p.
- 12. Programs: Idrisov H.A, Ismayilov A.H., Abdulaliyeva S.Ş. The program of "Vine-growing" for master's degree in Agronomy (060702), Ganja 2017, 20 s. The articles

The articles published in international journals, periodicals

13. Natiga Ismayilzade, Abbas Ismayilov, Narmin Sadigova, Sayyara Ibadullayeva Recommended Phyto - Ameliorative Restoration of Vegetation in Ganja Surroundings Rivers, International Journal of Advanced Research in Botany (IJARB), Volume 2, Issue 1, 2016, pp 1-6. <a href="https://www.arcjournals.org/international-journal-of-advanced-research-in-botany">https://www.arcjournals.org/international-journal-of-advanced-research-in-botany</a>

- 14. Avgan B., Talibov T., Ismayilov A., Fatullayev P., Askerov E., Breitenmoser U. First hard evidence of leopard in Nakhchivan // Journal Cat News, Stampfli Publikationen AG, Bern, Switzerland, 2012, № 57, p. 33
- url: http://www.catsg.org/catnews/02\_webarchive/news-nr57-2012/content-nr57-2012.htm#Article16
- 15. Ismayilov A.H., Ibrachimov A.Sh. Endemic and relict plants of the Gilanchay basin of Ordubad region Republic of Azerbaijan // Proceedings of the Dagestan State Pedagogical University, natural and exact sciences, Makhachkala, 2009, №1, p. 75-79, url: http://elibrary.ru/item.asp?id=12913124
- The articles published in journals of republican periodicals
- 16. Novruzov A.R., Mustafaeva L.A., Iskenderov A.T., Seyidov M.M., A.H. Ismayilov Species of Rosa L. (Rosacea) genus in flora of Nakhchivan AR // Proceedings of Azerbaijan NAS, Biological sciences, 2012, Volume 67, №3, p. 137-142
- 17. Ismayilov A.H. Wood and shrubbery vegetation of Gilanchay basin // Transactions of Botanical Institute of Azerbaijan NAS, 2009, Volume 29, p. 318-319
- 18. Ismayilov A.H. Spore and the gymnosperms high plants of flora of Gilanchay basin // Proceedings of Azerbaijan NAS, Biological sciences, 2008, Volume 63, №5-6, p. 196-200
- 19. Ibrachimov A.Sh., Nabiyeva F.Kh., Ismayilov A.H. New species of Hedypnois cretica (L.) Dum. -Cours. for the flora of Nakhchivan Autonomous Republic // Reports of Azerbaijan NAS, 2008, Volume 64, №4, p. 71-74
- 20. Ismayilov A.H. Mountain-steppe vegetation of Gilanchay basin // Transactions of Botanical Institute of Azerbaijan NAS, 2007, Volume 27, p. 29-34
- 21. Ismayilov A.H. Pastures and hayfields, their effective use of Gilanchay basin // Azerbaijan Agrarian scientific, Scientific-theoretical journal, 2006, №5-6 (214), p. 180-183
- 22. Ismayilov A.H. New species extend Gilanchay lead flora of the Nakhchivan Autonomous Republic // Journal "Knowledge" "Education" Society of Azerbaijan Republic, Chemistry, Biology, Medicine, 2004, №6 (22), p. 76-78
- The articles published in journals of regional periodicals
- 23. Ismayilov A.H. Study of the gene pool introdutsirovannykh grapes in Ganja-Kazakh region // ASAU Scientific Works, Ganja, 2017, №4, p. 39-42
- 24. Ismayilov A.H. The aboriginal research of grape sprided in Ganja Gazakh regions // ASAU Scientific Works, Ganja, 2016, №4, p. 58-61
- 25. Ismayilov A.H. The systematical local and imported from the outside of some included wooden and shrubs plants, a part of Iranian origin dendroflora in the territory of Nakhichevan Autonomous Republic // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2014, №2, Volume 10, p. 135-144
- 26. Ibrachimov A.Sh., Nabiyeva F.Kh., Ismayilov A.H. Momordica charantia L. valuable ornamental, food and medicinal plants // Scientific works of the Nakhchivan State University, series of natural sciences and medicine, 2013, №2 (55), p. 75-79
- 27. Ismayilov A.H. The systematical local and imported from the outside of some included wooden and shrubs plants, a part in the Western Asia dendroflora in the territory of Nakhichevan Autonomous Republic // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2013, №2, Volume 9, p. 138-145
- 28. Ismayilov A.H. The taxonomic composition local included in the Mediterranean dendroflora and imported outside some wooden and shrubs in the territory of Nakhichevan Autonomous Republic // Scientific works of the Nakhchivan State University, series of natural sciences and medicine, 2013, №1 (49), p. 23-28
- 29. Ismayilov A.H. The taxonomic composition local included in the European dendroflora and imported outside some wooden and shrubs in the territory of Nakhichevan Autonomous Republic // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2012, Volume 8, №4, p. 169-176

- 30. Talibov T.H., Ibrahimov A.SH., Ibrahimov A.M., Ismayilov A.H., Alakbarov R.A. Natural reserves of some trees and shrubs are official in common herbs territory of Nakhchivan Autonomous Republic // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2012, Volume 8, №2, p. 49-58
- 31. Talibov T.H., Ismayilov A.H. Introdusents trees and bushes used in planting of the Nakhchivan Autonomous Republic // News of the Nakhchivan Teachers Institute, 2011, №3 (27), p. 75-81
- 32. Ismayilov A.H., Novruzova E.S. Distribution ferns of the Nakhchivan Autonomous Republic // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2011, Volume 7, №4, p. 149-154
- 33. Ismayilov A.H. Butcher birch (*Betula pendula* Roth) extended in the Nakhchivan Autonomous Republic and possibility of its use // Scientific works of the Nakhchivan State University, series of natural sciences and medicine, 2011, №2 (38), p. 23-28
- 34. Ismayilov A.H. Petrofil (rock-debris) vegetation of basin Gilanchay Nakhchivan Autonomous Republic // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2011, Volume 7, №2, p. 131-135
- 35. Ismayilov A.H. Water-marsh vegetation of basin Gilanchay Nakhchivan Autonomous Republic // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2010, Volume 6, №4, p. 135-140
- 36. Ismayilov A.H. Meadow plant of the Gilanchay basin of the Nakhchivan Autonomous Republic // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2010, № 2, p. 117-124
- 37. Ismayilov A.H. Phytomeliorants the flora of Gilanchay basin // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2009, №4, p. 127-132
- 38. Ismayilov A.H. Regularities in the distribution of plants of Gilanchay basin on the altitude belts // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2009, №2, p. 149-155
- 39. Ismayilov A.H. Trees and bushes Gilanchay basin and them phytomeliorative value // Scientific works of the Nakhchivan State University, series of natural sciences and medicine, 2009, №1 (26), p. 51-57
- 40. Ibrachimov A.Sh., Ismayilov A.H. The geographical analysis of flora of Gilanchay basin // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2008, №4, p. 43-50
- 41. Ismayilov A.H. The eko-biomorphological analysis of flora Gilanchay basin // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2008, №2, p. 190-196
- 42. Ismayilov A.H. Systematic analysis of flora Gilanchay basin // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2007, №4, p. 137-144
- 43. Ismayilov A.H. Research history of flora and vegetation on Gilanchay basin // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2007, №2, p. 112-118
- 44. Ismayilov A.H. Liliaceae (*Liliaceae* Juss.) and Gentianaceae (Gentianaceae Juss.) family included in the distribution of some species to new areas of the south-western slopes of the Lesser Caucasus // News of Nakhchivan State University, 2006, №1(19), p. 46-48
- 45. Ismayilov A.H. Phryganoid mountain-xerophytic vegetation of the Gilanchay basin *II* News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2006, №5, p. 159-163
- 46. Ismayilov A.H. Early spring flora of the Gilanchay basin // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2006, №3, p. 151-157

- 47. Talibov T.H., Ibrahimov A.M., Ismayilov A.H. Nakhchivan Noah shelter // News of Nakhchivan Section of Azerbaijan NAS, the series of natural and technical sciences, 2005, №1, p. 148-152
- 48. Ismayilov A.H. Research genus Roemer (*Fritillaria* L.) in the flora of the Nakhchivan Autonomous Republic // Works of Scientific-Research Base Nakhchivan, 2002, p. 77-79 49. Ismayilov Abbas Improvement of pasture and pasture areas depends on their efficient use. The Eastern Gate, May 25, 2006, issue 92 (18.017), newspaper article, p. 3
- 50. Ibrahimov A.Sh., Nabiyeva F.H, Ismayilov A.H. Acorn bitter melon *Momordica charantia* L. is a new and useful plant for the flora of Nakhichevan Autonomous Republic, booklet, 2013
- 51. The first Diploma awarded for successful participation in the conference of Student Scientific Society of Nakhchivan State University on the theme "Study of genus Roemer (*Fritillaria* L.) in the flora of the Nakhchivan Autonomous Republic", fourth course, 2000. 52. The third Diploma awarded for successful participation in the conference of Student
- Scientific Society of Nakhchivan State University on the theme "Pests of Grain Grains in Nakhchivan Autonomous Republic", second course, 1998.
- 53. In 2017, the republican scientific conference at the Lankaran State University on "Integration in the modern world and actual problems of science", Certificate.
- 54. In 2011-2012, Participant of the first grant competition on fundamentals applied science of botanical direction of biology, medicine and agrarian science of the Science Development Fund under the President of the Republic of Azerbaijan named "Determination of gene pool of approved medicinal plants in the Nakhchivan Autonomous Republic, productive use of approved medicinal plants with rich natural resources and scientific basis of their protection" Scientific-Research Grant Project (EIF-2011-1 (3) -82 / 55-3), Certificate.
- 55. In 2017, Letter of appreciation for the organization of the International Student Olympiad held at the Saratov State Agrarian University named after N.I. Vavilova in Saratov, Russian Federation.

# **KNOWLEDGE OF LANGUAGES SKILLS**

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