



Gunay Hajiyeveva

Nationality: Azerbaijani **Date of birth:** 29/04/1987 **Place of birth:** Khacmaz, Azerbaijan

Phone number: (+994) 0506493269 **Email address:** ghajiyeveva@khazar.org

Work: Mehseti Street, 1096 Baku (Azerbaijan)

WORK EXPERIENCE

Shamakhy Astrophysical Observatory named after N.Tusi – Baku, Azerbaijan

City: Baku | Country: Azerbaijan

Senior laboratory assistant

[05/01/2015 – 01/02/2017]

Shamakhy Astrophysical Observatory named after N.Tusi – Baku, Azerbaijan

City: Baku | Country: Azerbaijan

Junior researcher

[01/02/2017 – 30/04/2018]

Shamakhy Astrophysical Observatory named after N.Tusi – Baku, Azerbaijan

City: Baku | Country: Azerbaijan

Scientific worker

[30/04/2018 – Current]

Ministry of Science and Education of the Republic of Azerbaijan – Baku, Azerbaijan

City: Baku | Country: Azerbaijan

Specialist at the Support Group for Science, Higher and Secondary Specialized Education

[02/02/2024 – 03/11/2025]

Khazar University – Baku, Azerbaijan

City: Baku | Country: Azerbaijan

Vice Dean of the Graduate School of Science, Arts and Technology

[03/11/2025 – Current]

EDUCATION AND TRAINING

Bachelor of Physics

Baku State University [15/09/2004 – 30/06/2008]

City: Baku | Country: Azerbaijan | Website: <http://bsu.edu.az/> | Field(s) of study: Physics

Master of Astrophysics

Baku State University [15/09/2008 – 30/06/2010]

City: Baku | Country: Azerbaijan | Website: <http://bsu.edu.az/> | Field(s) of study: Astrophysics

PhD student in Astrophysics and Stellar Astronomy

Shamakhy Astrophysical Observatory named after N.Tusi [05/01/2015 – 05/01/2018]

City: Shamakhy | Country: Azerbaijan | Website: <https://shao.az/> | Field(s) of study: Astronomy

LANGUAGE SKILLS

Mother tongue(s): Azerbaijani

Other language(s):

Engilsh

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Russian

LISTENING B2 READING B2 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

PUBLICATIONS

[2024]

Metallicity of the star HR4294 (A5III)

Authors: Samedov Z.A., Hajiyeva G.M., Rajabova S.Sh., Rustam U.R. | Journal Name: Journal of Physics & Space Sciences | Volume, Issue and Pages: Vol.1(4), p70–74

[2024]

The fundamental parameters of the star HR6725 (F2III)

Authors: Samedov Z.A., Əliyeva Z.A., Hajiyeva G.M., Rustam U.R., Samedova N.H | Journal Name: Astronomical Journal of Azerbaijan | Volume, Issue and Pages: Vol.19(1), s.p1–66

[2024]

Investigation of p Cas (HR9045, HD224014) stellar atmosphere

Authors: Samedov Z.A., Hajiyeva G.M | Journal Name: Serbian Astronomical Journal | Volume, Issue and Pages: Vol.209, p33–38

[2023]

Fundamental parameters of supergiant star HD40589 (A0 Iab)

Authors: Samedov Z.A., Əliyeva Z.A., Rustam U.R., Hajiyeva G.M. | Journal Name: Odessa Astronomical Publications | Volume, Issue and Pages: Vol.36, p86–87

[2023]

Fundamental parameters of supergiant star HD187982 (A2 Ia)

Authors: Samedov Z.A., Baloglanov A.Sh., Hajiyeva G.M., Rajabova S.Sh | Volume, Issue and Pages: Vol.18(1), p63–68 | Publisher: Astronomical Journal of Azerbaijan

[2023]

HD207260 (A2 Iae) ifratnəhəng ulduzu spektrində Hα xətti profilinin dəyişməsi

Authors: Hacıyeva G.M., Khalilov Ə.M., Hasanova | Journal Name: AMEA-nın Xəbərləri | Volume, Issue and Pages: XLIII(2), p124–128

[2022]

Radial velocity variations of the Hα and NaI D lines for the high-latitude supergiant star 89 Her

Authors: Khalilov A.M., Hajiyeva G.M., Hasanova A.R., Hasanova A.B | Journal Name: Acta Astronomica | Volume, Issue and Pages: Vol.72(4), p297–313

[2022]

HD138917 (F0 IV) ulduzunun fundamental parametrləri

Authors: Hacıyeva G.M | Journal Name: AMEA-nın Xəbərləri | Volume, Issue and Pages: XLII(5), s.159–161

[2022]

Metallicity of the star HD80290 (F3V)

Authors: Samedov Z.A., Aliyeva Z.F., Hajiyeva G.M., Samedova N.H. | **Journal Name:** Astronomy & Astrophysics (Caucasus) | **Volume, Issue and Pages:** Vol.5, p65–70

[2021]

The fundamental parameters of the star HD 164613 (F2 II)

Authors: Samedov Z.A., Aliyeva Z.A., Rustam U.R., Hajiyeva G.M. | **Journal Name:** Modern Trends in Physics” MTP 2021 | **Volume, Issue and Pages:** p63–66

[2021]

HD 207260 (A1 Iae) star atmosphere: fundamental parameters, the abundance of elements

Authors: Samedov Z.A., Khalilov A.M., Hajiyeva G.M., Rajabova S.Sh., Samedova N.H. | **Journal Name:** Astronomical Journal of Azerbaijan | **Volume, Issue and Pages:** Vol.16(2), p80–86

[2021]

Determination of the fundamental parameters of the giant classes F and G: HR 8718 (F5 II), HR 8304 (G8 II), HR 8179 (G5 II), HR 8778 (G8 IV)

Authors: Samedov Z.A., Gadirova U.R., Hajiyeva G.M. | **Journal Name:** Astronomical Journal of Azerbaijan | **Volume, Issue and Pages:** Vol.16(2), p17–24.

[2020]

Investigation of the atmosphere of HR 8334 (v Cep, A2 Ia)

Authors: Samedov Z.A., Khalilov A.M., Hajiyeva G.M., Rajabova S.Sh. | **Journal Name:** Astronomical Journal of Azerbaijan | **Volume, Issue and Pages:** Vol.15(1), p54–58

[2020]

Investigation of the atmosphere of HR 8334 (v Cep, A2 Ia)

Authors: Samedov Z.A., Hajiyeva G.M., Rajabova S.Sh. | **Journal Name:** 7th International Conference on Control and Optimization with Industrial Applications

[2020]

Periodical variations of radial velocities and profiles of the sodium lines in the spectrum of the supergiant 89 Her (F2 Ibe)

Authors: Khalilov A.M., Hasanova A.R., Hajiyeva G.M. | **Journal Name:** Astronomical Journal of Azerbaijan | **Volume, Issue and Pages:** Vol.15(2), p71–74

[2020]

v Cep (A2 Iae) ulduzunun atmosferi: kimyəvi tərkib

Authors: Hacıyeva G.M. | **Journal Name:** AMEA-nın Xəbərləri | **Volume, Issue and Pages:** XL(2), s.199–205

[2019]

44 Cyg (F5 Iab) və HD 161796 (F3 Ib) ulduzların spektral tədqiqi

Authors: Hacıyeva G.M. | **Journal Name:** AMEA-nın Xəbərləri | **Volume, Issue and Pages:** c.XXXIX, №2, s.188–195

[2019]

Radial velocity variations of the NaI D lines for the high-latitude supergiant star 89 Her Write here the description...

Authors: Khalilov A.M., Hasanova A.R., Hajiyeva G.M. | **Journal Name:** Kinematics and Physics of Celestial Bodies | **Volume, Issue and Pages:** Vol.35(3), p143–151

[2018]

Determination of the abundance of “Metallicity”, Carbon and Sodium in the atmosphere of star HR 7847 (F5 Ib)

Authors: Samedov Z.A., Khalilov A.M., Hasanova A.R., Hajiyeva G.M., Gadirova U.R., Samedova N.H. | **Journal Name:** Astronomical Journal of Azerbaijan | **Volume, Issue and Pages:** №2, p4–11

[2018]

44 Cyg (F5 lab) ulduzunun atmosferi: fundamental parametrlər, kimyəvi tərkib

Authors: Səmədov Z.A., Xəlilov Ə.M., Həsənova Ə.R., Qədirova Ü.R., Hacıyeva G.M. | **Journal Name:** AMEA-nın Xəbərləri | **Volume, Issue and Pages:** c.XXXVIII, №5, s.188–193

[2017]

Spectroscopic variability of the supergiants stars HD 21389 and HD 187982

Authors: Maharramov Y.M., Hasanova A.R., Khalilov A.M., Baloglanov A.Sh., Hacıyeva G.M. | **Journal Name:** Astronomical Journal of Azerbaijan | **Volume, Issue and Pages:** Vol.12, №2, p59–76

[2017]

Spectroscopic study of the star HD 142983 and HD 187982

Authors: Maharramov Y.M., Hasanova A.R., Khalilov A.M., Baloglanov A.Sh., Hacıyeva G.M. | **Journal Name:** International Conference “Modern Trends in Physics” | **Volume, Issue and Pages:** p153–155

[2016]

H α and H β Profile Variations in the Spectra of Early Supergiants HD 198478 and HD 187982

Authors: Maharramov Y.M., Hasanova A.R., Khalilov A.M., Baloglanov A.Sh., Hacıyeva G.M. | **Journal Name:** Physical Science International Journal | **Volume, Issue and Pages:** Vol.12, №4, p1–11

[2016]

Исследование спектральных линий дублета натрия NaD в спектре звезды HD 161796 (F3 Ib).

Authors: Xəlilov A.M., Həsənova A.R., Hacıyeva G.M. | **Journal Name:** Astronomical Journal of Azerbaijan | **Volume, Issue and Pages:** c.XI, №3, s.25–32

[2016]

Post AGB HD 161796 (F3 Ib) ulduzu atmosferinin tədqiqi

Authors: Səmədov Z.A., Həsənova Ə.R., Qədirova Ü.R., Xəlilov Ə.M., Hacıyeva G.M. | **Journal Name:** AMEA-nın Xəbərləri | **Volume, Issue and Pages:** , c.XXXVI, №5, s.148–154

[2015]

HD 161796 (F3 Ib) ulduzunun atmosfer parametrlərinin təyini

Authors: Xəlilov Ə.M., Həsənova Ə.R., Hacıyeva G.M. | **Journal Name:** AMEA-nın Xəbərləri | **Volume, Issue and Pages:** c.XXXV, №5, s.153–157

[2015]

Линии водорода и дублета NaID в спектре сверхгиганта ϕ Cas (F0 Ia)

Authors: Həsənova Ə.R., Xəlilov A.M., Hacıyeva G.M., Adıgözəlzadə H.N. | **Journal Name:** Astronomical Journal of Azerbaijan | **Volume, Issue and Pages:** c.X, №1, s.35–42.

[2010]

BS 7386 ulduzunun fundamental parametrlərinin təyini

Authors: Səmədov Z.A., Hacıyeva G.M. | **Journal Name:** Bakı Dövlət Universitetinin Xəbərləri | **Volume, Issue and Pages:** №4, s.161–165

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