



## Leyla Ibrahimli

**Date of birth:** 17/01/1993 | **Nationality:** Azerbaijani | **Phone:** (+90) 5384950903 (Mobile) |

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**Address:** Boğaziçi University, Chemistry Department, Bebek, 34342, Istanbul, Turkey (Work)

### ABOUT MYSELF

I am wholeheartedly dedicated to the pursuit of knowledge and discovery. My commitment to continuous learning and hard work defines me.

### WORK EXPERIENCE

01/10/2024 – CURRENT Istanbul, Turkey

#### UNIVERSITY RESEARCH ASSISTANT IZMIR INSTITUTE OF TECHNOLOGY

- Assuming a role in the MSCA co-funded project titled “**Targeted Drug Delivery for Oncology Applications**” at Boğaziçi University.

01/01/2024 – CURRENT Baku, Azerbaijan

#### IB MYP PHYSICS TEACHER EUROPEAN AZERBAIJAN SCHOOL

- Design, prepare and deliver a high-quality curriculum with **laboratory** sessions for secondary grades within the **IB** framework.

20/09/2023 – CURRENT Baku, Azerbaijan

#### IB MYP CHEMISTRY AND SCIENCE TEACHER EUROPEAN AZERBAIJAN SCHOOL

Design, prepare and deliver a high-quality curriculum with **laboratory** sessions for secondary grades within the **IB** framework.

20/08/2022 – 20/08/2023 Baku, Azerbaijan

#### KS3 SCIENCE TEACHER LANDAU SCHOOL

- Design, prepare and deliver a high-quality curriculum with **laboratory** sessions for secondary grades within the **Cambridge** framework.
- Preparing students for the **International Science and Chemistry fairs and olympiads**.

01/09/2016 – 31/07/2019 Baku, Azerbaijan

#### HIGH LEVEL CHEMISTRY TEACHER ZEKA KURSU

- Guiding students for state universities entrance exam

01/07/2016 – 31/08/2016 Baku, Azerbaijan

#### CHEMISTRY LABORATORY ASSISTANT QAFQAZ UNIVERSITY

- Supported the development and optimization of experimental procedures for ongoing projects.

## ● EDUCATION AND TRAINING

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01/09/2020 – 30/07/2024 Baku, Azerbaijan

**HONOUR MSC DEGREE** Baku State University

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- In-depth Knowledge of Organic Chemistry: Mastering the principles and intricacies of organic chemistry, I developed a profound understanding of various reactions, mechanisms, and the properties of carbonyl compounds.
- Laboratory Techniques and Experimental Skills: Engaging in practical applications, I gained hands-on experience in laboratory techniques, including synthesis, purification, and characterization of organic compounds. This honed my proficiency in executing condensation reactions with precision.
- Analytical Thinking and Problem-Solving: The study and research involved in my thesis sharpened my analytical thinking and problem-solving skills. I learned to critically analyze experimental results, troubleshoot issues, and devise effective solutions.
- Data Interpretation and Research Methodology: Conducting extensive literature reviews and experimental investigations, I honed my skills in data interpretation and research methodology. This included evaluating existing scientific literature, identifying gaps, and formulating research questions.
- Communication and Reporting: Presenting my findings through written reports and oral presentations, I developed strong communication skills. This includes the ability to convey complex scientific concepts in a clear and accessible manner.
- Collaborative Work: Engaging in group projects and collaborative research, I cultivated effective teamwork and interpersonal skills. This allowed me to contribute positively to group dynamics and work seamlessly with peers and faculty.
- Time Management and Project Coordination: Successfully completing a thesis requires effective time management and project coordination. I developed the ability to prioritize tasks, meet deadlines, and manage a large-scale research project efficiently.
- Professional Science English: The degree program was taught completely in English.

**Website** [http://bsu.edu.az/en/welcome\\_to\\_baku\\_state\\_university](http://bsu.edu.az/en/welcome_to_baku_state_university) | **Field of study** Organic Chemistry | **Final grade** 97.85/100 |

**Level in EQF** EQF level 7 | **National classification** NQF level 9 | **Type of credits** ECTS | **Number of credits** 120 |

**Thesis** "Condensation reactions of carbonyl compounds"

**Link** [https://drive.google.com/file/d/17H24vHyKFRcrvw\\_hl6LmV9ItWJAV\\_zDo/view?usp=sharing](https://drive.google.com/file/d/17H24vHyKFRcrvw_hl6LmV9ItWJAV_zDo/view?usp=sharing)

01/09/2011 – 30/07/2016 Baku, Azerbaijan

**HONOUR BSC DEGREE** Qafqaz University

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- Proficiency in analysing complex data and drawing meaningful conclusions.
- Ability to design and execute experiments with precision.
- Strong understanding of various analytical techniques used in chemistry.
- Hands-on experience with a wide range of laboratory equipment and instrumentation.
- Skillful in conducting experiments, making observations, and recording accurate data.
- Knowledge of safety protocols and adherence to laboratory best practices.
- Developed problem-solving skills through tackling theoretical and practical challenges in chemistry.
- Capacity to identify issues and devise effective solutions.
- Experience in conducting independent research projects.
- Literature review and synthesis of information from various sources.
- Competence in presenting research findings both orally and in written form.
- Developed a critical mindset to evaluate scientific literature and experimental results.
- Ability to question assumptions and think analytically.
- Proficient in using scientific software and data analysis tools.
- Familiarity with computational chemistry techniques.

**Website** <https://beu.edu.az/en> | **Field of study** Chemistry Teacher Education | **Final grade** 92.58/100 | **Level in EQF** EQF level 6 |

**National classification** NQF level 8 | **Type of credits** ECTS | **Number of credits** 272

**Link** <https://drive.google.com/drive/folders/1h-OpQ4sFMgaYdhWDZyae9m7KzvtqCcXmp?usp=sharing>

01/10/2024 Istanbul, Turkey

**PHD IN BIOMEDICAL ENGINEERING** Boğaziçi University

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**Website** <https://bme.bogazici.edu.tr> | **Level in EQF** EQF level 8

## ● PUBLICATIONS

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2016

## THE RESEARCH OF THE REACTION OF O-ACYLATION OF PHENOL WITH SEOKAR-2

ISBN:978-9952-468-61-8

Ch. K.RASULOV, Y.I.AFANDİZADA, L.H.İBRAHİMLİ, N.M.SALMANOVA, M.M.ÇALIŞKAN- QU and ANAS

Link <https://drive.google.com/file/d/1s0XUskLB5qE4Pby3mg4Q-lhr3rfdH5-q/view?usp=sharing>

2016

## CATALITIC REACTIONS OF 2,4- AND 3,4- DIMETHYLPHENOL AND METHANOL

ISBN:978-9952-468-61-8

Mustafa Alagozoglu, Leyla Ibrahimli-Qafqaz university

Link <https://drive.google.com/file/d/1s0XUskLB5qE4Pby3mg4Q-lhr3rfdH5-q/view?usp=sharing>

2022

## SYNTHESIS OF 4-AZIDO-2-(4-SUBSLIPHENYL)-5-(3-NITROPHENYL)-2H-1,2,3-TRIAZOLES

Afag Abdullayeva, Sabina Bagirova, Nigar Ahmadova, Leyla Ibrahimli, Namig Shikhaliyev

Link <https://drive.google.com/file/d/1s0XUskLB5qE4Pby3mg4Q-lhr3rfdH5-q/view?usp=sharing>

2022

## SYNTHESIS AND SOLVOLYSIS REACTIONS OF DICHLORODIAZADIENES BASED ON SALICYL ALDEHYDE

Ulviyya Asgarova, Sevinj Mukhtarova, Leyla Ibrahimli, Abel Maharramov, Namig Shikhaliyev

Link <https://drive.google.com/file/d/1s0XUskLB5qE4Pby3mg4Q-lhr3rfdH5-q/view?usp=sharing>

2022

## SYNTHESIS OF 1-(2,2-DICHLORO-(PERFLUOROPHENYL)VINYL)-2 PHENYLDIAZENES BASED ON PERFLUORBENZALDEHYDE

Ulviyya Asgarova, Leyla Ibrahimli, Abel Maharramov, Elvina Gocayeva, Namig Shikhaliyev

Link <https://drive.google.com/file/d/1s0XUskLB5qE4Pby3mg4Q-lhr3rfdH5-q/view?usp=sharing>

### LANGUAGE SKILLS

Mother tongue(s): **AZERBAIJANI**

Other language(s):

|                | UNDERSTANDING |         | SPEAKING          |                    | WRITING |
|----------------|---------------|---------|-------------------|--------------------|---------|
|                | Listening     | Reading | Spoken production | Spoken interaction |         |
| <b>ENGLISH</b> | C2            | C2      | C2                | C2                 | C2      |
| <b>TURKISH</b> | C1            | C2      | C1                | C1                 | B2      |
| <b>RUSSIAN</b> | A2            | A2      | A2                | A2                 | A2      |
| <b>GERMAN</b>  | A1            | A1      | A1                | A1                 | A1      |

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

### DIGITAL SKILLS

Microsoft Office | Microsoft Excel | 3D printing