Gayane Grigor Mikoyan

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Research Institute of Biology
Laboratory of Microbiology, Bioenergetics and Biotechnology
Junior Researcher

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Junior Researcher

Education

Institution	Yerevan State University
Faculty	Faculty of Biology, Department of Biochemistry, Microbiology and Biotechnology
Date	2019 - 2021
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Biology, Department of Biochemistry, Microbiology and Biotechnology
Date	2015 - 2019
Degree name	Bachelor

Language skills

Հայերեն Русский English

Work experience

Institution	Yerevan State University
Period of time	2024 till now
Rank/degree	Junior researcher

Institution	“Esco-Pharm” LTD
Period of time	2021 - 2024
Rank/degree	chemist

Institution	"JERMUK INTERNATIONAL PEPSI-COLA BOTTLER" (LLC)
Period of time	2019 - 2020
Rank/degree	chemist-microbiologist

Publications

Article

Efficient co-valorization of sugar beet pulp/molasses hydrolysates by Escherichia coli for enhanced biohydrogen production

Ani Aghajanyan, Gayane Mikoyan, Liana Vanyan, Akerke Toleugazykyzy, Ayaulym Daniyarova, Kaisar Yegizbay, Kairat Bekbayev, Karen Trchounian

International Journal of Hydrogen Energy 2026 155559 - 155559

https://doi.org/10.1016/j.ijhydene.2026.155559

Article

Fermentation of Sugar Beet Pulp by E. coli for Enhanced Biohydrogen and Biomass Production

Gayane Mikoyan, Liana Vanyan, Akerke Toleugazykyzy, Roza Bekbayeva, Kamila Baichiyeva, Kairat Bekbayev, Karen Trchounian

Energies 2025 2648

Article

Microbial Valorization of Sunflower Husk for Sustainable Biohydrogen and Biomass Production

LIana Vanyan, Akerke Toleugazykyzy, Kaisar Yegizbay, Ayaulym Daniyarova, Lyudmila Zuloyan, Gayane Mikoyan, Anait Vassilian, Anna Poladyan, Kairat Bekbayev, Karen Trchounian

Energies 2025 3885

Conference

Growth and Hydrogen Production of Escherichia Coli BW25113 in Mixtures of Sugar Beet Pulp and Sugar Beet Molasses

Gayane Mikoyan, Liana Vanyan, Karen Trchounian, Kamila Baichiyeva, Kaisar Yegizbay, Kairat Bekbayev

2025 68-68

https://www.ysu.am/en/conference/869
