Rima Harutik Avetisyan

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Research Institute of Biology
Group for Biochemical Conversion of Organic Waste and Microbiological Production
Junior Researcher

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Education

Institution	Yerevan State University
Faculty	Biology
Date	2020 - 2022
Degree name	Masters

Institution	Yerevan State University
Faculty	Biology
Date	2016 - 2020
Degree name	Bachelor

Language skills

Հայերեն Русский English

Work experience

Institution	Research Institute of Biology
Period of time	2024 till now
Rank/degree	Junior researcher

Institution	“Hydrometeorology and Monitoring Center” SNCO
Period of time	2022 - 2024
Rank/degree	Chief Specialist

Publications

Article
Integrated biohydrogen and bioelectricity production by wild-type and engineered

Escherichia coli using mixed kitchen lignocellulosic and meat waste hydrolysates
Liana Mnatsakanyan, Rima Avetisyan, Lusine Baghdasaryan, Akerke Toleugazykyzy, Kaisar Yegizbay,

Aknur Melissova, Kairat Bekbayev, Karen Trchounian, Anna Poladyan

Energy Reports 2026 109459

https://doi.org/10.1016/j.egyr.2026.109459

Article

Conversion of spent coffee grounds into bioenergy and biomass using Clostridium species: A sustainable pathway for renewable energy
Rima Avetisyan, Hripsime Petrosyan, Akerke Toleugazykyzy, Bakytzhan Bolkenov, Roza Bekbayeva,

Kairat Bekbayev, Karen Trchounian, Anna Poladyan

Industrial Crops and Products 2025 122068

Conference

Fermentation of Molasses by Clostridium spp. for Biohydrogen and Biomass Production: A Step Toward Renewable Energy and Circular Bioeconomy
Rima Avetisyan, Karen Trchounian, Anna Poladyan

2025 124-124

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

Conference

Cupriavidus necator H16 growth and H2-oxidizing Activity Using Mixture of Glycerol and Roasted Coffee Waste
R. Avetisyan, L. Mnatsakanyan, K. Trchounian, A. Poladyan

2024 152-152

https://2024.febscongress.org/
