

# Ela Vardan Minasyan

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Expert

## Education

Institution	Yerevan State University
Faculty	Chemistry and Pharmacology
Date	2013 - 2015
Degree name	Masters

Institution	Yerevan State University
Faculty	Chemistry
Date	2009 - 2013
Degree name	Bachelor

## Language skills

Հայերեն Русский English

## Work experience

Institution	Yerevan State University
Period of time	2021 till now
Rank/degree	Expert

Institution	SPC "Armbiotechnology" NAS RA
Period of time	2015 till now
Rank/degree	Junior Researcher

## Publications

*Article*

**Improvement of biomass and biohydrogen generation in *Parachlorella kessleri* using ethanol and brewery production wastes as cultivation media**

Jemma Manoyan, Diana Hakobyan, Lilit Gabrielyan, Iren Shahazizyan, Lusine Sahakyan, Ela Minasyan,

Liana Gabrielyan

International Journal of Hydrogen Energy 2025 400-410

*Article*

**Characterization of Citric Acid Biosynthesis by Fungi *Aspergillus niger* for Surface and**

## **Submerged Cultivation**

Melkumyan I.E., Minasyan E.V., Toplaghalsyan A.G.

Biology Bulletin 2024 S589-S597

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### *Article*

#### **Efficient isolation and characterization of functional melanin from various plant sources**

Armen E. Aghajanyan, Artur A. Hambardzumyan, Ela V. Minasyan, Gayane J. Hovhannisyan,

Karine I. Yeghiyan, Tigran M. Soghomonyan, Sona V. Avetisyan, Vehary A. Sakanyan, Avetis H. Tsaturyan

International Journal of Food Science and Technology 2024 3545-3555

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### *Article*

#### **BIO-PROTECTIVE ACTIVITY OF GRAPE MELANIN IN RELATION TO ANTIBIOTICS**

Ela V. Minasyan

Proceedings of the YSU B: Chemical and Biological Sciences 2024 151-158

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### *Article*

#### **Synthesis and evaluation of new mono- and binuclear salen complexes for the $\alpha$ -alkylation reaction of amino acid substrates as chiral phase transfer catalysts**

Anahit M. Hovhannisyan, Anna S. Tovmasyan, Anna F. Mkrtchyan, Karapet R. Ghazaryan,

Ela V. Minasyan, Olgert L. Dallakyan, Mikayel S. Chobanyan, Hayk Zakaryan, Giovanni N. Roviello,

Ashot S. Saghyan

Molecular Catalysis 2024 114618

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### *Article*

#### **Ion-chromatographic determination of common anions in drinking water in some regions of the Republic of Armenia**

Avetis Tsaturyan, Lusine Sahakyan, Lusine Hayrapetyan, Ela Minasyan, Ani Chakhoyan,

Sergey Hayrapetyan, Ashot Saghyan

Pharmacia 2024 e135658

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### *Article*

#### **Synthesis of enantiomerically enriched $\beta$ -substituted analogs of (S)- $\alpha$ -alanine containing 1-phenyl-1H-1,2,3-triazole groups**

Artavazd S. Poghosyan, Ashot S. Saghyan, Peter Langer, Ela V. Minasyan, Karapet R. Ghazaryan,

Anahit M. Hovhannisyan, Anna F. Mkrtchyan, Volodya Mirzoyan, Emma A. Khachatryan

Amino Acids 2024 67

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### *Article*

#### **Synthesis, Characterization, and Study of Catalytic Activity of Chiral Cu(II) and Ni(II) Salen Complexes in the $\alpha$ -Amino Acid C- $\alpha$ Alkylation Reaction**

Anna S. Tovmasyan, Anna F. Mkrtchyan, Hamlet N. Khachatryan, Mary V. Hayrapetyan,

Robert M. Hakobyan, Artavazd S. Poghosyan, Avetis H. Tsaturyan, Ela V. Minasyan, Viktor I. Maleev,

Vladimir A. Larionov, Armen G. Ayvazyan, Norio Shibata, Giovanni N. Roviello, Ashot S. Saghyan

Molecules 2023 1180

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### *Article*

#### **Valorization of whey-based side streams for microbial biomass, molecular hydrogen, and hydrogenase production**

Anna Poladyan, Karen Trchounian, Ela Minasyan, Meri Iskandaryan, Hayarpi Aghekyan, Sargis Aghayan,

Avetis Tsaturyan, Ani Paloyan, Garabed Antranikian, Lev Khoyetsyan  
Applied Microbiology and Biotechnology 2023 4683-4696

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*Article*

**Development of an efficient method for obtaining lactose and lactulose from whey**

Tatevik Sargsyan, Avetis Tsaturyan, Lilya Arstamyana, Anyuta Sargsyan, Jaklina Saribekyan,,  
Ani Voskanyan, Ella Minasyan, Monika Israelyan, Lala Stepanyan  
Pharmacia 2023 1039-1046

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*Article*

**Antimicrobial Activity of Melanin Isolated from Wine Waste**

E. Minasyan, A. Aghajanyan, K. Karapetyan, N. Khachatryan, G. Hovhannisyan, K. Yeghyan,  
A. Tsaturyan  
Indian Journal of Microbiology 2023 7

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*Article*

**Development of the technology for producing water-soluble melanin from waste of vinary production and the study of its physicochemical properties**

Armen E. Aghajanyan, Artur A. Hambardzumyan, Ela V. Minasyan, Avetis H. Tsaturyan, Ani M. Paloyan,  
Sona V. Avetisyan, Anichka S. Hovsepyan, Ashot S. Saghyan  
European Food Research and Technology 2022 485-495

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*Article*

**Detection and development of a quantitation method for undeclared compounds in antidiabetic biologically active additives and its validation by high performance liquid chromatography**

Virab Gurgen Kirakosyan, Avetis Hovhannes Tsaturyan, Lilit Eduard Poghosyan, Ella Vardan Minasyan,  
Hayk Razmik Petrosyan, Lusine Yurik Sahakyan, Tatevik Hovhannes Sargsyan  
Pharmacia 2022 45-50

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*Article*

**STUDY OF OIL AND POMACE FROM GRAPE SEEDS FOR THE IDENTIFICATION OF PREREQUISITES OF THEIR COMPLEX PROCESSING**

T.H. SARGSYAN, A.S. DADAYAN, E.V. MINASYAN, A. M. HOVHANNISYAN, L.A. STEPANYAN,  
A.S. POGOSYAN, M.H. ISRAYELIAN, S.A. DADAYAN  
Proceedings of the YSU B: Chemical and Biological Sciences 2022 18-30

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*Article*

**COMPARATIVE STUDY OF FATTY ACID COMPOSITION OF WHITE AND BLACK SESAME OILS AND DEVELOPMENT OF A RELATIVELY EFFICIENT METHOD FOR ISOLATING THE NATURAL ANTIOXIDANT SESAMOL**

A. S. Dadayan, A. S. Poghosyan, S. G. Ghazaryan, E.V. Minasyan, A. M. Hovhannisyan, S. A. Dadayan  
Proceedings of the YSU B: Chemical and Biological Sciences 2022 203-217

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*Article*

**ISOLATION, IDENTIFICATION AND QUANTITATIVE DETERMINATION OF NIFEDIPINE FROM BIOLOGICAL MATERIAL**

S.Gh. Petrosyan, L.Yu. Sahakyan, V.G. Kirakosyan, E.V. Minasyan, S. E. Sardaryan  
Proceedings of the YSU B: Chemical and Biological Sciences 2021 204-211

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*Conference*

**The valorization of whey-based side-streams for microbial biomass, hydrogen and hydrogenase enzyme production**

Anna Poladyan, Hayarpi Aghekyan, Ella Minasyan, Karen Trchounian, Ani Paloyan, Sargis Aghayan, Garabed Antranikian, Meri Iskandaryan, Diana Ghevondyan

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*Conference*

**A NOVEL COST-EFFECTIVE APPROACH FOR PRODUCTION OF HYDROGENASE ENZYMES AND MOLECULAR HYDROGEN FROM WHEY-BASED BY-PRODUCTS**

Anna Poladyan, Meri Iskandaryan, Ofelya Karapetyan, Ela Minasyan, Anait Vassilian, Karen Trchounian, Garabed Antranikian

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