

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

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. Yeghyan, Tigran M. Soghomonyan, Sona V. Avetisyan, Vehary A. Sakanyan, Avetis H. Tsaturyan
International Journal of Food Science and Technology 2024 3545-3555

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

Article

Synthesis and evaluation of new mono- and binuclear salen complexes for the C α -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

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

Article

Synthesis of enantiomerically enriched β -substituted analogs of (S)- α -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

Article

Synthesis, Characterization, and Study of Catalytic Activity of Chiral Cu(II) and Ni(II) Salen Complexes in the α -Amino Acid C- α 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

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,

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

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

Article

Development of the technology for producing water-soluble melanin from waste of vinery 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

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

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

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

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

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

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
