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Образование

Учреждение	Научно-производственный центр "Армбиотехнология"
Факультет	НПЦ "Армбиотехнология" НАН РА, ГНКО
Дата	2018 - 2023
Степень / Звание	Соискатель

Учреждение	Ереванский государственный университет
Факультет	Химия и фармакология
Дата	2013 - 2015
Степень / Звание	Магистр

Учреждение	Ереванский государственный университет
Факультет	Химия
Дата	2009 - 2013
Степень / Звание	Бакалавр

Ученое звание/Ученая степень

Учреждение	Научно-производственный центр "Армбиотехнология"
Дата	2025
Степень / Звание	Кандидат наук
Научный руководитель	Армен Агаджанян, д.х.н.
Научная тема	Разработка методов получения меланина из растительного сырья и изучение его свойств

Знание языков

Հայերեն Русский English

Опыт работы

Учреждение	Ереванский государственный университет
Период времени	2021 до настоящего времени
Звание/степень	Эксперт

Учреждение	Научно-производственный центр "Армбиотехнология"
Период времени	2015 до настоящего времени
Звание/степень	Младший научный сотрудник

Публикации

Статья

Hydrogenase Activity and Polyhydroxyalkanoate Accumulation in Cupriavidus necator H16 Cultivated on Dairy and Biodiesel Industry By-Products

Anna Poladyan, Ofelya Karapetyan, Ela Minasyan, Karen Trchounian

Biological Science and Innovation for Achieving the Sustainable Development Goals 2026 21 - 38

https://doi.org/10.4018/979-8-3373-1524-9.ch002

Статья

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

Статья

A novel, cost-effective approach for the production of hydrogenase enzymes and molecular hydrogen from recycled whey-based by-products

Meri Iskandaryan, Lusine Baghdasaryan, Ela Minasyan, Karen Trchounian, Antranikian Garabed, Anna Poladyan

International Journal of Hydrogen Energy 2025 1191-1202

Статья

Isolation, purification, identification of melanin from grape pomace extracts, and its application areas

Armen Aghajanyan, Ela Minasyan, Tigran Soghomonyan, Gayane Melyan, Gayane Hovhannisyan, Karine Yeghiyan, Kristina Karapetyan, Avetis Tsaturyan

Bioactive Compounds in Health and Disease - Online ISSN 2574-0334 Print ISSN 2769-2426 2025 204-2016

Статья

Effect of solvent polarity on the extraction of bioactive compounds from Heracleum persicum fruits

Avetis Tsaturyan, Lusine Sahakyan, Lusine Hayrapetyan, Ela Minasyan, Ani Chakhoyan, Valodya Mirzoyan, Gayane Hovhannisyan, Haykanush Khachatryan, Sergey Hayrapetyan

Pharmacia 2025 e168925

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Статья

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

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

Biology Bulletin 2024 S589–S597

Статья

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 & Technology 2024 3545-3555

Статья

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

Статья

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

Статья

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

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Статья

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

Статья

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

Статья

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

Статья

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

Tatevik Sargsyan, Avetis Tsaturyan, Lilya Arstamyan, Anyuta Sargsyan, Jaklina Saribekyan,, Ani Voskanyan, Ella Minasyan, Monika Israelyan, Lala Stepanyan

Pharmacia 2023 1039-1046

Статья

Antimicrobial Activity of Melanin Isolated from Wine Waste

E. Minasyan, A. Aghajanyan, K. Karapetyan, N. Khachaturyan, G. Hovhannisyan, K. Yeghyan, A. Tsaturyan

Indian Journal of Microbiology 2023 7

Конференция

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 Anatranikian

2023 40-45

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Статья

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

Статья

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

Статья

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. ISRAYELYAN, S.A. DADAYAN

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Статья

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

Конференция

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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Статья

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
