Karapet Robert Ghazaryan

karapet.ghazaryan@ysu.am

Institute of Pharmacy
Research Center for the Institute of Pharmacy
Junior Researcher

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Junior Researcher

Education

Institution	Yerevan State University
Faculty	Chemistry
Date	2018 - 2020
Degree name	Masters

Institution	Yerevan State University
Faculty	Chemistry
Date	2014 - 2018
Degree name	Bachelor

Language skills

Հայերեն Русский English

Work experience

Institution	Yerevan State University
Period of time	2022 till now
Rank/degree	Junior researcher

Publications

Article

Solvent-modulated antioxidant activity and molecular binding of a heterocyclic sulfur dipeptide: A spectroscopic and theoretical study

Tatevik Sargsyan, Silva Jamgaryan, Lala Stepanyan, Avetis Tsaturyan, Valentina Mittova, Zurab R. Tsetskhladze, Nino Motsonelidze, Ekaterine Gorgoshidze, Niccolò Nova, Hayarpi Simonyan, Karapet Ghazaryan, Franco Bisceglie, Giovanni N. Roviello

Results in Chemistry 2026 103214 - 103214

https://doi.org/10.1016/j.rechem.2026.103214

Article

Benzene-linked bis-amino acids via asymmetric synthesis: CD/UV studies, DNA and serum albumin binding, and MCF-7 cytotoxicity

Hayarpi Simonyan, Satenik Petrosyan, Nikolay Avtandilyan, Karapet Ghazaryan, Anna Mkrtchyan, Ruben Israyelyan, Ashot Saghyan, Giovanni N. Roviello

Spectrochimica Acta Part A Molecular and Biomolecular Spectroscopy 2026 128481 - 128481

https://doi.org/10.1016/j.saa.2026.128481

Article

Glaser Heterocoupling Reaction for the Synthesis of Enantiomerically Enriched Unnatural α-Amino Acids Incorporating Asymmetric Diyne Moieties: Mechanistic Insights and Optimization

Liana Hayriyan, Anna Tovmasyan, Anna Grigoryan, Karapet Ghazaryan, Barbara Biondi, Olgert L. Dallakyan, Mikayel S. Chobanyan, Hayk Zaqaryan, Ashot Saghyan, Anna Mkrtchyan

ACS Omega 2025 A-G

Article

The Synthesis, Characterization, and Biological Evaluation of a Fluorenyl-Methoxycarbonyl-Containing Thioxo-Triazole-Bearing Dipeptide: Antioxidant, Antimicrobial, and BSA/DNA Binding Studies for Potential Therapeutic Applications in ROS Scavenging and...

Lala Stepanyan, Tatevik Sargsjan, Valentina Mittova, Zurab Tsetskhladze, Nino Motsonelidze, Ekaterina Gorgoshidze, Niccolo Nova, Monika Israyelyan, Hayarpi Simonyan, Franco Bisceglie, Lusine Sahakyan, Karapet Ghazaryan, Giovanni Roviello

Biomolecules 2025 933

Article

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

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
