Liana Arthur Hayriyan

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Research Center for the Institute of Pharmacy
Researcher

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

Scientific Rank/degree

Institution	The National Academy of Sciences of Armenia
Date	2021
Degree name	Candidate
Specialty	Chemical sciences
Scientific Supervisor	Anna Mkrtchyan
Research Topic	SYNTHESIS AND REASERCH OF NEW ENANTIOMERICALLY ENRICHED UNSATURATED α-AMINO ACIDS

Language skills

Հայերեն Русский English

Work experience

Institution	Insitut of Pharmacy
Period of time	2023 till now
Rank/degree	Researcher

Institution	ETH Zurich
Period of time	2019 - 2019
Rank/degree	Researcher

Institution	A.N.Nesmeyanov Institute of Organoelement Compounds of Russian Academy of Sciences (INEOS RAS)
Period of time	2018 - 2018
Rank/degree	Researcher

Institution	SPC “Armbiotechnology” SNPO NAS RA
Period of time	2015 till now
Rank/degree	Researcher

Publications

Article

Catalytic ipso-Nitration of Organosilanes Enabled by Electrophilic N-Nitrosaccharin Reagent
Ivan Mosiagin, Anthony J. Fernandes, Alena Budinská, Liana Hayriyan, Kai E. O. Ylijoki, Dmitry Katayev

Angewandte Chemie - International Edition 2023 e202310851

Article

Asymmetric Synthesis of Derivatives of Alanine via Michael Addition Reaction and their Biological Study
Mkrtchyan Anna, Tovmasyan Anna, Paloyan Ani, Sargsyan Armen, Simonyan Hayarpi, Sahakyan Lusine, Petrosyan Satenik, Hayriyan Liana, Sargsyan Tatevik

Synlett 2022 2013-2018

Article

Synthesis of enantiomerically enriched non-protein α-amino acids and their study as aldose reductase inhibitors
Anna F. Mkrtchyan, Liana A. Hayriyan, Armen S. Sargsyan, Ani M. Paloyan, Anna S. Tovmasyan, Ani J. Karapetyan, Artur A. Hambardzumyan, Nelli A. Hovhannisyan, Henrik A. Panosyan, Hamlet N. Khachatryan, Ani S. Dadayan, Ashot S. Saghyan

Synthetic Communications 2021 1433–1450

Article

Asymmetric synthesis, biological activity and molecular docking studies of some unsaturated α-amino acids, derivatives of glycine, allylglycine and propargylglycine
A. F. Mkrtchyan, A. S. Saghyan, L. A. Hayriyan, A. S. Sargsyan, A. J. Karapetyan, A. S. Tovmasyan, A. H. Tsaturyan, E. V. Minasyan, A. S. Poghosyan, A. M. Paloyan, H. A. Panosyan, Lu. Yu. Sahakyan

Journal of Molecular Structure 2020 127850

Article

Using the Ni-[(Benzylprolyl)amino]benzophenone complex in the Glaser reaction for the synthesis of bis α-amino acids
Anna F. Mkrtchyan, Liana A. Hayriyan, Ani J. Karapetyan, Anna S. Tovmasyan, Avetis H. Tsaturyan, Victor N. Khrustalev, Viktor I. Maleev, Ashot S. Saghyan

New Journal of Chemistry 2020 8

Article

Synthesis of Enantiomerically Enriched Non-Proteinogenic α-Amino Acids Using the Suzuki

Reaction
Saghyan Ashot, Mkrtchyan Anna, Mardiyan Zorayr, Hayriyan Liana, Yuri N. Belokon, Peter Langer

ChemistrySelect 2019 4686-4688

Article

Synthesis of enantiomerically enriched alkynylaryl-substituted α-amino acids through Sonogashira reactions
Ashot S. Saghyan, Anna F. Mkrtchyan, Zorayr Z. Mardiyan, Liana A. Hayriyan, Ani J. Karapetyan,

Yuri N. Belokon, Peter Ehlers, Peter Langer

ChemistrySelect 2019 13806-13809

Article

Synthesis of a new enantiomerically enriched α-amino acid using the Glaser reaction
Liana A. Hayriyan

Chemical Journal of Armenia 2019 60-65

Conference

Asymmetric synthesis of new enantiomerally enriched unsaturated α-amino acids by promotion of cross-capling reactions
Liana Hayriyan, Anna Mkrtchyan, Ashot Saghyan

Conference

Asymmetric synthesis and biological activity of some unsaturated α-amino acids
L. Hayriyan, A. Karapetyan, A. Tovmasyan, A. Mkrtchyan, A. Sargsyan, A. Saghyan

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