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Научный сотрудник

Образование

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	Национальная академия наук Армении
Дата	2021
Степень / Звание	Кандидат наук
Специальность	Химические науки
Научный руководитель	Анна Мкртчян
Научная тема	СИНТЕЗ И ИССЛЕДОВАНИЕ ЭНАНТИОМЕРНООБОГАЩЕННЫХ НЕНАСЫЩЕННЫХ НОВЫХ α-АМИНОКИСЛОТ

Знание языков

Հայերեն Русский English

Опыт работы

Учреждение	ЕГУ
Период времени	2023 до настоящего времени
Звание/степень	Научный сотрудник

Учреждение	Федеральный технологический институт Цюриха
Период времени	2019 - 2019
Звание/степень	Научный сотрудник

Учреждение	Институт элементоорганических соединений им. А.Н.Несмеянова Российской академии наук (ИНЭОС РАН)
Период времени	2018 - 2018
Звание/степень	Научный сотрудник

Учреждение	НПЦ «Армбиотехнология» ГНПО НАН РА
Период времени	2015 до настоящего времени
Звание/степень	Научный сотрудник

Публикации

Статья

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

Статья

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

Статья

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

Статья

Spectroscopic and SEM evidences for G4-DNA binding by a synthetic alkyne-containing amino acid with anticancer activity
Marta A.Fik-Jaskółka, Anna F.Mkrtchyan, Ashot S.Saghyan, Rosanna Palumbo, Agnieszka Belter, Liana A.Hayriyan, Hayarpi Simonyan, ValentinaRoviello, Giovanni N.Roviello

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY 2020 117884

Статья

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

Статья

Biological macromolecule binding and anticancer activity of synthetic alkyne-containing L-

phenylalanine derivatives
Marta A. Fik-Jaskółka, Anna F. Mkrtchyan, Ashot S. Saghyan, Rosanna Palumbo, Agnieszka Belter, Liana A. Hayriyan, Hayarpi Simonyan, Valentina Roviello, Giovanni N. Roviello
Amino Acids 2020 755–769

Статья
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

Статья
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

Статья
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

Статья
Synthesis of a new enantiomerically enriched α-amino acid using the Glaser reaction
Liana A. Hayriyan
Chemical Journal of Armenia 2019 60-65

Статья
Nickel-coordinated chiral enols and Michael addition intermediate stabilized by the Ni–C bond
Liana A. Hayriyan, Anna F. Mkrtchyan, Margarita Moskalenko, Viktor Maleev, Zalina Gugkaeva, Mikhail Il'in, Kirill Babiyevski, Pavel Dorovatorskiy, Viktor Khrustalev, Aleksandr Peregudov, Yu. Belokon
Mendeleev Communications 2018 464-466

Конференция
Efficient method for the synthesis of novel enatiomerically enriched derivatives of propargylglycine
Anna F. Mkrtchyan, Ashot S Saghyan, Liana A Hayriyan, Ani J Karapetyan, Zorayr Z Mardiyan, Hayarpi M Simonyan, Adonc Hovhannes

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Конференция
Efficient method for the synthesis of novel enantiomericaly enriched derivatives of unsaturated amino acids
Ashot Saghyan, Anna Mkrtchyan, Liana Hayriyan, Zorayr Mardiyan, Hayarpi Simonyan

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Конференция
Modeling, synthesis and study of impact of peptides containing unsaturated double bond

amino acids on collagenase activity
T. Sargsyan, T.Khachatryan, A.S. Sargsyan, L.Yu. Danghyan, S.M. Jamgaryan, E.A.Gyulumyan, N. A. Hovhannisyan, L.A. Hayriyan, A.M. Hovhannisyan, A. H. Tsaturyan, A.S. Saghyan

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Конференция

Asymmetric synthesis of enantiomerically enriched analogs of NiII complexes of (S)-allylglycine
L.A.Hayriyan, A.F.Mrtchyan, Z.Z.Mardiyan, A.J.Karapetyan, H.V. Adonc, H.M. Simonyan, S.Gh. Petrosyan, L.Yu.Sahakyan, A.S. Saghyan

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Конференция

Synthesis of optically pure (S)-2-amino-5-(3-fluorophenyl)-2-(prop-2-yn-1-yl)pent-4-yonic acid b y using Sonogashira reaction
Z.Z. Mardiyan, L.A. Hayriyan, A.F.Mkrtchyan, A.X.Tsaturyan, A.J. Karapetyan, H.V. Adonc, H.M. Simonyan, S.Gh.Petrosyan, L.Yu.Sahakyan, A.S. Saghyan

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Конференция

FIVE-YEAR ACHIEVEMENTS IN THE FIELD OF THE ASYMMETRIC SYNTHESIS OF UNSATURATED AMINO ACIDS
A. S. Saghyan, L.A. Hayriyan, Z.Z. Mardiyan, A.F. Mkrtchyan

Конференция

THE SYNTHESIS OF POTENTIALLY ACTIVE NEW ENANTIOMERICALLY ENRICHED DERIVATIVES OF GLYCINE THROUGH CLICK REACTION
H.V. Adonts, A.S. Saghyan, L.A.Hayriyan, A.F. Mkrtchyan

Конференция

Asymmetric synthesis of enantiomerically enriched new analogs of Ni II complexes of (S)-propargylglycine
L. Hayriyan, A. Saghyan, H. Simonyan, A. Karapetyan, Z. Mardiyan, A. Mkrtchyan

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Конференция

Asymmetric synthesis of new enantiomerically enriched α-amino acids
A.S. Saghyan, A.F. Mkrtchyan, Z.Z. Mardiyan, L.A. Hayriyan, H.V. Adonts

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Конференция

Synthesis and reactivity of chiral enols coordinated with Ni2+ ions and a case of a Michael adduct intermediate stabilized by the Ni-C bond
L. A. Hayriyan, A. F. Mkrtchyan, Y. N. Belokon, A. S. Saghyan

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Конференция

Asymmetric syntesis of enantiometricaly enriched new analogs of Ni II complexes wich contain unsaturated alkene groups
L. Hayriyan, A. Mkrtchyan, A. Saghyan

Конференция

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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Конференция

Asymmetric synthesis of new enantiomerally enriched unsaturated α-amino acids by promotion of cross-capling reactions

Liana Hayriyan, Anna Mkrtchyan, Ashot Saghyan