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Образование

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Степень / Звание	Аспирант

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Степень / Звание	Квалифицированный специалист

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Публикации

Статья

Synthesis of enantiomerically enriched β-N-amino (S)-α-alanine analogs via sequential reactions on a chiral Ni(ii) complex

Emma A. Khachatryan, Lala A. Stepanyan, Hasmik R. Gevorgyan, Armen S. Sargsyan, Anahit M. Hovhannisyan, Anna F. Mkrtchyan, Andrei V. Malkov, Ashot S. Saghyan

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Emma A. Khachatryan, Anna F. Mkrtchyan, Anahit M. Hovhannisyan, Melanya Ghazaryan,

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Ni(II) Chiral Square-Complex–Mediated Mannich Alkynylation for the Synthesis of Enantiomerically Enriched Unnatural α-Amino Acids with Collagenase Inhibitory Activity

Anna Grigoryan, Liana Hayriyan, Hasmik Gevorgyan, Armen Sargsyan, Peter Langer, Ashot Saghyan,

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The Dual Role of Natural Peptides in Cancer Therapy: Anticancer and Immunomodulatory Perspectives

Avetis Tsaturyan, Heghine Hakobyan, Kristina Hovsepyan, Anna Mkrtchyan, Tatevik Sargsyan,

Raffaele Pastore, Germano Guerra, Giovanni N. Roviello

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Synthesis and Biological Activity of Ultrashort Antimicrobial Peptides Bearing a Non-Coded Amino Acid

Cristina Peggion, Andrea Schivo, Martina Rotondo, Simona Oancea, Lucia-Florina Popovici,

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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,

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Liana Hayriyan, Anna Grigoryan, Hasmik Gevorgyan, Avetis Tsaturyan, Armen Sargsyan, Peter Langer,

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BSA Binding and Aggregate Formation of a Synthetic Amino Acid with Potential for Promoting Fibroblast Proliferation: An In Silico, CD Spectroscopic, DLS, and Cellular Study
Hayarpi Simonyan, Rosanna Palumbo, Satenik Petrosyan, Anna Mkrtchyan, Armen Galstyan,

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Synthesis and evaluation of new mono- and binuclear salen complexes for the Cα-alkylation reaction of amino acid substrates as chiral phase transfer catalysts
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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,

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Asymmetric Synthesis of Derivatives of Alanine via Michael Addition Reaction and their Biological Study
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Anna F. Mkrtchyan, Liana A. Hayriyan, Armen S. Sargsyan, Ani M. Paloyan, Anna S. Tovmasyan,

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Synthesis of Biomimetic Polymers Based on Nonproteinogenic α-Amino Acids
Nino Zavradashvili, Giuli Otinashvili, David Tugushi, Tengiz Kantaria, Temur Kantaria, Nino Kupatadze,

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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,

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Asymmetric synthesis, biological activity and molecular docking studies of some unsaturated α-amino acids, derivatives of glycine, allylglycine and propargylglycine

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Asymmetric Synthesis of Tailor-Made Amino Acids Using Chiral Ni(II) Complexes of Schiff Bases. An Update of the Recent Literature

Yupiao Zou, Jianlin Han, Ashot S. Saghyan, Anna F. Mkrtchyan, Hiroyuki Konno, Hiroki Moriwaki,

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Anna F. Mkrtchyan, Liana A. Hayriyan, Ani J. Karapetyan, Anna S. Tovmasyan, Avetis H. Tsaturyan,

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Исследование асимметрического нуклеофильного бис-присоеденения дегидроаланиновых комплексов Ni(II)

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Synthesis of Optically Pure (S,E)-2-Amino-5-arylpent-4-enoic Acids by Heck Reactions of Nickel Complexes

Mkrtchyan Anna F, Saghyan Ashot S, Mardiyan Zorayr Z, Parpart Silvio, Ehlers Peter, Petrosyan Andranik, Langer Peter

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А. С. САГЯН, З. З. МАРДИЯН, А. Ф МКРТЧЯН, А. О. ЦАТУРЯН

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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

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Конференция

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Hayarpi Simonyan, Lusine Sahakyan, Anna Mkrtchyan, Satenik Petrosyan, Ashot Saghyan

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Efficient method for the synthesis of novel enantiomericaly enriched derivatives of unsaturated amino acids

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A.S. Saghyan, A.F. Mkrtchyan, Z.Z. Mardiyan, L.A. Hayriyan, H.V. Adonts

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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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L. Hayriyan, A. Mkrtchyan, A. Saghyan

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Конференция

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L.Sahakyan, H.Simonyan, S. Petrosyan, A. MKrtchyan, A. Saghyan, E. Sekoyan

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Образовательный Руководство

Ամինաթթուների ֆիզիկաքիմիական, օպտիկական հատկությունները և ստացման եղանակները
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Ա. Ֆ. Մկրտչյան, Հ.Մ. Սիմոնյան

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Асимметрический синтез новых гетероциклически замещенных аналогов α-аминомасляной кислоты, содержащих замещенные триазольные группы в боковом радикале

А.С.Сагиян, Л.Ю.Саакян, А.М.Симонян, С.Г.Петросян, А.Ф.Мкртчян, М.А.Самвелян, Т.В.Кочикян,

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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,

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Конференция

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Asymmetric synthesis of potential biologically active new analogs of (S)-alanine containing nitrogenous bases in the side-chain radical

H.M.Simonyan, L.Yu. Sahakjan, A.F.Mkrtchyan, S.Gh.Petrosyan, N.N.Baghyan, A.O.Voskanyan,

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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

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FIVE-YEAR ACHIEVEMENTS IN THE FIELD OF THE ASYMMETRIC SYNTHESIS OF UNSATURATED AMINO ACIDS

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H.V. Adonts, A.S. Saghyan, L.A.Hayriyan, A.F. Mkrtchyan

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Silvio Parpart, Andranik Petrosyan, Syed Jawad Ali Shah, Raji Akeem Adewale, Peter Ehlers,

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Синтез положительно заряженных комплексов CoIII и их исследование в качестве хиральных катализаторов в реакциях асимметрического генерирования C-C связи.
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Конференция

Asymmetric synthesis of new enantiomerically enriched a-amino acids
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