

Ani Slavik Dadayan

Institute of Pharmacy

Chair of Pharmacy Technology and Pharmacy Economics and Management

Associate professor

☎ 34-82

✉ ani.dadayan@ysu.am



Education

Institution	YSU, Faculty of Chemistry
Faculty	Chemistry, Pharmaceutical chemistry
Date	2002 - 2007
Degree name	Qualified specialist

Scientific Rank/degree

Institution	YSU
Date	2021
Degree name	Associate professor
Specialty	Pharmaceutical sciences

Institution	SCIENTIFIC AND PRODUCTION CENTER "ARMBIOTECHNOLOGY" NAS RA
Date	2012
Degree name	Candidate
Specialty	Chemical sciences
Scientific Supervisor	Academician of NAS RA A.S. Saghyan
Research Topic	«Synthesis of new fluoro-containing chiral auxiliaries and amino acid complexes and their study in the asymmetric reactions for α -amino acid synthesis»

Language skills

Հայերեն Русский English

Work experience

Institution	YSU
Period of time	2007 till now
Rank/degree	Associate professor

Scientific interests

- Syntheses of new modified chiral auxiliaries and their amino and dehydroamino acid complexes and investigation in asymmetric biomimetic reactions for the syntheses of α - and β - substituted non-proteinogenic (R)- and (S)- α - amino acids. Production of Ga

Participation in international conferences and seminars

21/10/2019 - 25/10/2019	Chemistry of biologically active substances, ChemBioActiv Ministry of Science and Higher Education of the Russian Federation Russian Federation (the)
03/11/2018 - 05/11/2018	I International Scientific Conference Current State of Pharmacy and Prospects of its Development YSU Armenia
28/09/2017 - 30/09/2019	IV International Scintific Conference of Young Researcher SPC Armbiotechnology Armenia
17/05/2013 - 19/05/2013	International conference of young scientists, Professional Association of Chemists of Georgia and Faculty of Chemical Technology and Metallurgy of the Georgian Technical Universit Georgia
12/11/2012 - 16/11/2012	“Chemistry of nitrogen conteiningheterocycles” (CNCH-2012), National Academy of Sciences of Ukraine Ukraine
28/09/2008 - 02/10/2008	State-of Biotechnology in Armenia & ISTS contribution SPC Armbiotechnology Armenia
05/07/2008 - 05/11/2008	“International Symposiumon Homogeneous Catalysis ISHC-XVI” Department of Molecular Design of the Italian National Research Council (CNR), the Italian Chemical Society, the University of Florence, the European Network of Excellence Italy
12/06/2006 - 14/06/2006	Advances in Biotechnology: Prospects for Development in Armenia SPC Armbiotechnology Armenia

Membership

Institution	“Biotechnological Armenian Association” RA
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Period of time 2007 till now

Institution YSU

Period of time 2017 till now

Publications

Article

MODELING, SYNTHESIS AND IN VITRO SCREENING OF UNUSUAL AMINO ACIDS AND PEPTIDES AS PROTEASE INHIBITORS

Ani Dadayan, Armen Sargsyan, Heghine Hakobyan, Zorayr Mardiyan, Silva Jamharyan,

Nelli Hovhannisyan, Tatevik Sargsyan

Journal of Chemical Technology and Metallurgy 2023 615-620

Article

COMPARATIVE STUDY OF THE CONTENT OF ANTHOCYANINS IN THE FRUITS OF BLUEBERRIES, BLACKBERRIES AND BLACKCURRANTS. DEVELOPMENT OF A TECHNOLOGICAL METHOD FOR OBTAINING PARTIALLY PURIFIED NEW-GALENIC EXTRACTS

A. S. DADAYAN, A. S. POGHOSYAN, S. G. GHAZARYAN, A. M. HOVHANNISYAN, M. S. GHAZARYAN,

S. A. DADAYAN

Proceedings of the YSU B: Chemical and Biological Sciences 2023 100-109

Article

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

Proceedings of the YSU B: Chemical and Biological Sciences 2022 18-30

Article

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

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

Phytochemical Analysis and Antioxidant Activity of *Cotinus coggygria* Scop. from Armenian Flora

A.S Dadayan, N.K. Shaboyan, A.V.Moghrovyan, K.H. Dumanyan, N.H. Ghukasyan, A.A. Altunyan,
N.I. Arshakyan, A.M. Ghazaryan, G.R. Ulikhanyan, A.L. Ginosyan, N.B. Chichoyan
Pharmacognosy Journal 2021 933-941

Article

Quantitative analysis of biologically active substances and the investigation of antioxidant and antimicrobial activities of some extracts of Osage orange fruits

Ani Slavik Dadayan, Lala Ashot Stepanyan, Tatevik Hovhannes Sargsyan, Anahit Mkhitar Hovhannisyan,

Slavik Arshak Dadayan
Pharmacia 2021 731-739

Manual

Գալենային և նորգալենային դեղապատրաստուկների արդյունաբերական արտադրությունը

Անի Ղադայան

2021 94

Article

Study of the Interaction of Novel Nonprotein Amino Acids with Trypsin by Steady-State Fluorescence Spectroscopy

Gohar A. Shahinyan, Ani S. Dadayan, Nelli A. Hovhannisyan, Shiraz A. Markarian

Journal of Fluorescence 2020 229-233

Article

ОСОБЕННОСТИ ТЕХНОЛОГИЙ КОМПЛЕКСНОЙ ПЕРЕРАБОТКИ ОБЛЕПИХИ КРУШИНОВИДНОЙ (HIPPOPHAE), РАСТОРОПШИ ПЯТНИСТОЙ [(SILYBUM MARIANUM (L.) GAERTN)] И МИНДАЛЯ ОБЫКНОВЕННОГО (PRUNUS DULCIS)

А. С. ДАДАЯН, Л. А. СТЕПАНЯН, А. Р. ПЕТРОСЯН, А. С. ПОГОСЯН, Г. Ц. ОВСЕПЯН, С. Г. КАЗАРЯН,

С. А. ДАДАЯН

Հայաստանի քիմիական հանդես 2020 89-101

Article

СРАВНИТЕЛЬНОЕ ИЗУЧЕНИЕ СОДЕРЖАНИЯ БИОЛОГИЧЕСКИ АКТИВНЫХ ВЕЩЕСТВ ЭКСТРАКТОВ ГОРЦА ПЕРЕЧНОГО, ПРОИЗРАСТАЮЩЕГО В АРМЕНИИ

А. Р. ПЕТРОСЯН, А. С. ДАДАЯН, Л. А. СТЕПАНЯН, А. С. ПОГОСЯН, М. О. ИСРАЕЛЯН, С. А. ДАДАЯН

Հայաստանի քիմիական հանդես 2020 102-107

Article

ANTIOXIDANT ACTIVITY OF EXTRACTS OF OYSTER MUSHROOM (Pleurotus ostreatus L.) AND BULGARIAN PEPPER (Capsicum L.)

H. R. PETROSYAN, S. A. DADAYAN, A. S. DADAYAN, L. R. VARDANYAN, R. L. VARDANYAN,

R. S. HARUTYUNYAN

Oxidation Communications 2018 403-411

Article

ROUND-LEAVED WINGEGREEN (PYROLA ROTUNDIFOLIA) AS A VALUABLE MEDICINAL PLANT RAW MATERIAL

S. A. DADAYAN, L. A. STEPANYAN, A. S. DADAYAN, M. B. GASOYAN, H. R. PETROSYAN, A. S. POGHOSYAN,

A. O. TSATURYAN

Chemical Journal of Armenia 2018 625-633

Article

**АМИНОКИСЛОТНЫЙ И МИНЕРАЛЬНЫЙ СОСТАВ НАДЗЕМНОЙ ЧАСТИ CHAMERION
ANGUSTIFOLIUM (L.) HOLUB**

А. С. ДАДАЯН, С. А. ДАДАЯН, Л. А. СТЕПАНЯН, Г. Ц. ОВСЕПЯН, А. Р. ПЕТРОСЯН, М. Б. ГАСОЯН,
А. М. ОГАННЕСЯН, Е. А. КАЛАШНИКОВА

Հայաստանի քիմիական հանդես 2017 558-564

<http://chemistry.asj-oa.am/>

Article

**ЭКСТРАКТ ИЗ ЛИСТЬЕВ И СЕМЯН РАСТЕНИЯ РАСТОРОПША ПЯТНИСТАЯ КАК ИСТОЧНИК
ПОЛУЧЕНИЯ АМИНОКИСЛОТ, МАКРО И МИКРОЭЛЕМЕНТОВ**

С.А. Дадаян, Г.Р. Петросян, А.С. Дадаян, Л.А. Степанян, А.С. Сагян

Տեսական և կիրառական բժշկության հարցեր 2017 55-57

Article

**АСИММЕТРИЧЕСКИЙ СИНТЕЗ НОВЫХ ЭНАНТИОМЕРНО ОБОГАЩЕННЫХ ПРОИЗВОДНЫХ (S)-
β-ФЕНИЛ-α-АЛАНИНА**

А. С. ДАДАЯН, С. А. ДАДАЯН, Л. А. СТЕПАНЯН, А. С. ПОГОСЯН, А. О. ЦАТУРЯН

Հայաստանի քիմիական հանդես 2017 529-536

Article

**Изучение ингибирующих свойств новых небелковых аминокислот и отбор эффективных
аналогов L-аминокислот для селекции высокоактивных штаммов-продуцентов**

А.Х. Чахалян, С.К. Келешян, Ж.В. Карапетян, А.Г. Давтян, Г.Е. Аветисова, Л.О. Мелконян,

А.С. Дадаян, А.С. Сагиян

Прикладная биохимия и микробиология (Applied Biochemistry and Microbiology) 2016 62-67

http://elibrary.ru/title_about.asp?id=7955

Article

**Исследование бромсодержащих модифицированных NII-комплексов основания Шиффа
аминокислот в асимметрических реакциях C-алкилирования.**

С.А.Дадаян, Н.Ю.Григорян, С.Г. Мангасарян, А.С. Дадаян, А.С. Сагиян

Հայաստանի քիմիական հանդես 2015 137-147

<http://www.flib.sci.am/eng/Qimia/Frame.html>

Article

The construction and stereoselective synthesis of new derivatives of 2-aminopropionic acids.

S.A. Dadayan, N.Yu. Grigoryan, A.S.Dadayan, A.S. Poghosyan, A.S.Saghyan, A.A. Hambardzumyan

Հայաստանի քիմիական հանդես 2015 71-80

<http://www.flib.sci.am/eng/Qimia/Frame.html>

Conference

New dry extracts of herbal origin containing essential amino acids

H. Petrosyan, A. Dadayan, L. Stepanyan, A. Poghosyan, M. Gasoyan, S. Dadayan

Conference

**Development of an effective method for separation of crystalline lycopene from herbal dried
raw materials**

H. Petrosyan, A. Dadayan, L. Stepanyan, S. Ghazaryan, M. Gasoyan, S. Dadayan

Conference

**БЕЗОТХОДНАЯ ТЕХНОЛОГИЯ КОМПЛЕКСНОЙ ПЕРЕРАБОТКИ ПЛОДОВО-ЯГОДНОГО
РАСТИТЕЛЬНОГО СЫРЬЯ**

А.С. Дадаян, Л.А. Степанян, А.Р. Петросян, А.С. Погосян, С.А. Дадаян
