Hayk Razmik Petrosyan

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Research Center of Chemistry
Անօրգանական քիմիայի գիտական խումբ
Group Leader

Faculty of Chemistry
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Group Leader

Education

Institution	Yerevan State University
Faculty	Institute of Pharmacy
Date	2017 - 2020
Degree name	PhD student

Institution	Yerevan State University
Faculty	Pharmacology and chemistry / Chemistry
Date	2014 - 2016
Degree name	Masters

Institution	Yerevan State University
Faculty	Chemistry / Chemistry
Date	2010 - 2014
Degree name	Bachelor

Scientific Rank/degree

Institution	Yerevan State University
Date	2020
Degree name	Candidate
Scientific Supervisor	Dadayan Slavik
Research Topic	ISOLATION OF BIOACTIVE COMPOUNDS FROM SOME PLANTS GROWING IN THE TERRITORY OF ARMENIA AND ARTSAKH, PHYSICOCHEMICAL, BIOMEDICAL STUDIES AND PRODUCTION OF GALENIC PREPARATIONS

Language skills

Հայերեն Русский English

Work experience

Institution	Yerevan State University
Period of time	2026 till now
Rank/degree	Group Leader

Institution	National Center of Nuclear Medicine
Period of time	2026 till now
Rank/degree	Head of Laboratory / Production manager

Institution	Yerevan State University
Period of time	2024 - 2026
Rank/degree	Researcher

Institution	"Radioisotope Production Center" CJSC
Period of time	2021 - 2026
Rank/degree	Head of Laboratory / Production manager

Institution	Scientific and Production Center “Armbiotechnology” NAS RA
Period of time	2021 - 2021
Rank/degree	Sector Head

Institution	"Armbiotechnology" Scientific and Production Center SNCO of the National Academy of Sciences of the Republic of Armenia
Period of time	2020 - 2021
Rank/degree	Researcher

Institution	Yerevan State University
Period of time	2019 - 2024
Rank/degree	Junior Researcher

Institution	Scientific and Production Center “Armbiotechnology” NAS RA
Period of time	2019 - 2019
Rank/degree	Junior researcher

Institution	Yerevan State University
Period of time	2017 - 2019
Rank/degree	Senior Laboratory Assistant

Participation in international conferences and seminars

04/07/2022 - 07/07/2022	Polychar 28: World forum on advanced materials Yerevan State University Armenia
20/10/2021 - 21/10/2021	Biotechnology: Science and Practice. Innovation and Business The Scientific and Production Center "Armbiotechnology" NAS RA Armenia
28/09/2017 - 30/09/2017	“Biotechnology: Science and practice” Yerevan State University Armenia
01/11/2018 - 03/11/2018	Current State of Pharmacy and Prospects of its Development Yerevan State University Armenia
21/10/2019 - 25/10/2019	Chemistry of Biologically Active Substances Saratov State University Russian Federation (the)

Publications

Article

Establishing 18F-PSMA-1007 Production in Armenia:Radiosynthesis and Comprehensive Quality Control

Hayk Petrosyan, Marine Mnatsakanyan, Isabella Karapetyan, Andranik Manukyan, Gurgen Elbakyan, Davit Arshakyan, Nona Ginosyan, Armine Badeyan

Iranian Journal of Pharmaceutical Research 2026

https://doi.org/10.5812/ijpr-169428

Article

Luminescent Properties of a Solid-Phase Composite Based on Zirconium, Rare Earth Elements (Er, Nd) and Molybdenum

Lusik Nersisyan, Romik Harutyunyan, Armen Martiryan, Hayk Petrosyan

Eurasian Chemico-Technological Journal 2025 229-234

Article

Sterilization Method for Borosilicate Glass Vials and Chlorobutyl, Bromobutyl Rubbers for Medical Purposes

I.S. Karapetyan, H.R. Petrosyan

Eurasian Chemico-Technological Journal 2024 37-41

Article

ENVIRONMENTAL SAFETY AND ANTIOXIDANT POTENTIAL OF LICORICE ROOT HARVESTED IN PENZA

PETROSYAN H. R., NIGARYAN A. A., HOVHANNISYAN H. A., SOLOYAN A. M., VARDAPETYAN V. V., MARTIRYAN A. I.

Oxidation Communications 2024 478-485

Article

A Facile Synthesis and Investigation of Na8[ZrErNd(MoO4)9] Complex
L.G. Nersisyan, H.R. Petrosyan

Eurasian Chemico-Technological Journal 2023 115-120

Article

Disposal of sulfur anhydride of industrial gaseous wastes by modified natural zeolites
Harutyunyan L.R, Tangamyan L.S., Petrosyan H.R., Adamyan R.K., Sargsyan H.H., Harutyunyan R.S.

Voprosy Khimii i Khimicheskoi Tekhnologii 2023 5-13

Article

Evaluation of antioxidant activity and heavy metals content in licorice (Glycyrrhiza glabra L.) growing wild in Armenia
H. R. Petrosyan, A.A. Nigaryan, H.A. Hovhannisyan, A.M. Soloyan, V.V. Vardapetyan, A.I. Martiryan

Heliyon 2023 e22442

Conference

EFFECT OF MICROWAVE IRRADIATION ON SOLUBILITY OF HARDLY SOLUBLE SUBSTANCES IN WATER
Harutyunyan L., Petrosyan H., Manukyan A., Harutyunyan R.

2023 172 - 172

https://newtrendschem.org/

Article

Detection and development of a quantitation method for undeclared compounds in antidiabetic biologically active additives and its validation by high performance liquid chromatography
Virab Gurgen Kirakosyan, Avetis Hovhannes Tsaturyan, Lilit Eduard Poghosyan, Ella Vardan Minasyan,

Hayk Razmik Petrosyan, Lusine Yurik Sahakyan, Tatevik Hovhannes Sargsyan

Pharmacia 2022 45-50

Article

Исследование реакций в системе Na2MoO4-ZrOCl2-ErCl3-H2O
Нерсисян Л., Арутюнян Р., Петросян А.

Chemical Engineering 2022 162-168

Conference

POLYCHAR 28
R.S. Harutyunyan, H.A. Gabrielian, H.R. Petrosyan, L.R. Harutyunyan

2022 74-75

https://polychar-28.ysu.am/

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

ISOLATION OF AMYGDALIN FROM SECONDARY PRODUCTS OF MEDICAL OILS PRODUCTION AND INVESTIGATION OF ANTI-CANCER PROPERTIES

Petrosyan H.R.

MEDICINE SCIENCE AND EDUCATION 2020 9-13

Article

DETERMINATION OF ANTIOXIDANT ACTIVITIES OF WATER-ALCOHOLIC EXTRACTS FROM RED CLOVER (Trifolium pratense), CAPER (Capparis spinosa) AND BOKHI (Hippomarathrum crispum)

H. R. PETROSYAN

Oxidation Communications 2019 33-38

Conference

БЕЗОТХОДНАЯ ТЕХНОЛОГИЯ КОМПЛЕКСНОЙ ПЕРЕРАБОТКИ ПЛОДОВО-ЯГОДНОГО РАСТИТЕЛЬНОГО СЫРЬЯ

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

2019 242-244

https://www.sgu.ru/conference/himbioaktiv-2019

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 WINTEGREEN (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

Conference

ANTIOXIDANT ACTIVIT OF EXSTRACTS THE OYSTER MUSHROOM (PLEUROTUS OSTREATUS L.)

H. Petrosyan, S. Dadayan

2018 46-47

http://pharmconf2018.ysu.am/?fbclid=IwAR3RAN0ieUtQ8HVysZk5Ycy6czakVHFdNH4QB_DEG...

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 կլինիկական բժշկության հարցեր 2017 55-57

Article

ԴՆԹ-ԷԹԻԴԻՈՒՄԻ ԲՐՈՄԻԴ ՓՈԽԱԶԴԵՑՈՒԹՅԱՆ ՈՒՍՈՒՄՆԱՍԻՐՈՒԹՅՈՒՆԸ ՖԼՈՒՈՐԵՍՑԵՆՏԱՅԻՆ ԱՆԻԶՈՏՐՈՊԻԱՅԻ ՄԻՋՈՑՈՎ

Հայկ Պետրոսյան, Կարեն Ամիրբեկյան

ԵՊՀ ՈՒԳԸ գիտական հոդվածների ժողովածու 2015 126-130