

Hayk Razmik Petrosyan

✉ haykpetrosyan2@ysu.am



Research Center of Chemistry

Անօրգանական քիմիայի լաբորատորիա
Researcher

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
Specialty	Pharmaceutical sciences
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	"Radioisotope Production Center" CJSC
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Period of time 2021 till now
Rank/degree Head of Laboratory / Production manager

Institution Scientific and Production Center "Armbiotechnology" NAS RA
Period of time 2019 - 2021
Rank/degree junior researcher/researcher/head of sector

Institution Yerevan State University
Period of time 2017 till now
Rank/degree Researcher

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

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

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

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

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., Tangamyanyan L.S., Petrosyan H.R., Adamyan R.K., Sargsyan H.H., Harutyunyan R.S.

Voprosy Khimii i Khimicheskoi Tekhnologii (Issues of Chemistry and Chemical Technology) 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. Hovhannisyanyan, A.M. Soloyan, V.V. Vardapetyan, A.I. Martiryan

Heliyon 2023 e22442

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.

Химическая технология 2022 162-168

Article

ОСОБЕННОСТИ ТЕХНОЛОГИЙ КОМПЛЕКСНОЙ ПЕРЕРАБОТКИ ОБЛЕПИХИ КРУШИНОВИДНОЙ (HIPPOCRATE), 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

Article

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

A. P. 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.

Բժշկություն, գիտություն և կրթություն 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

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 WINGED GREEN (*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

ԴՆԹ-ԷԹԻԴԻՈՒՄԻ ԲՐՈՄԻԴ ՓՈԽԱԶԴԵՑՈՒԹՅԱՆ ՌԻՍԻՄԼԱՍԻՐՈՒԹՅՈՒՆԸ ՖԼՈՒՐԵՍԵՆՏԱՅԻՆ ԱՆԻՉՈՏՐՈՊԻԱՅԻ ՄԻՋՈՑՈՎ

Հայկ Պետրոսյան, Կարեն Ամիրբեկյան

ԵՊՀ ՈՒԳԸ գիտական հոդվածների ժողովածու 2015 126-130

Conference

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

H. Petrosyan, 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

Conference

POLYCHAR 28

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

Conference

EFFECT OF MICROWAVE IRRADIATION ON SOLUBILITY OF HARDLY SOLUBLE SUBSTANCES IN WATER

Harutyunyan L., Petrosyan H., Manukyan A., Harutyunyan R.
