

# Hayk Razmik Petrosyan

✉ haykpetrosyan2@ysu.am



## Research Center for Chemistry

Անօրգանական քիմիայի լաբորատորիա  
Researcher

## Education

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

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

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

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## Scientific Rank/degree

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

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## Language skills

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Հայերեն Русский English

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## Work experience

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<b>Institution</b>	"Radioisotope Production Center" CJSC
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**Period of time** 2021 till now  
**Rank/degree** Head of Laboratory / Production manager

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

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

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## Participation in international conferences and seminars

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**04/07/2022 - 07/07/2022** Polychar 28: World forum on advanced materials  
Yerevan State University  
Armenia

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**20/10/2021 - 21/10/2021** Biotechnology: Science and Practice. Innovation and Business  
The Scientific and Production Center "Armbiotechnology" NAS RA  
Armenia

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**28/09/2017 - 30/09/2017** "Biotechnology: Science and practice"  
Yerevan State University  
Armenia

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**01/11/2018 - 03/11/2018** Current State of Pharmacy and Prospects of its Development  
Yerevan State University  
Armenia

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**21/10/2019 - 25/10/2019** Chemistry of Biologically Active Substances  
Saratov State University  
Russian Federation (the)

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## Publications

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*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

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*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

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*Article*

**A Facile Synthesis and Investigation of Na<sub>8</sub>[ZrErNd(MoO<sub>4</sub>)<sub>9</sub>] Complex**

L.G. Nersisyan, H.R. Petrosyan

Eurasian Chemico-Technological Journal 2023 115-120

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*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

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*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

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*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 Gurgun Kirakosyan, Avetis Hovhannes Tsaturyan, Lilit Eduard Poghosyan, Ella Vardan Minasyan, Hayk Razmik Petrosyan, Lusine Yurik Sahakyan, Tatevik Hovhannes Sargsyan

Pharmacia 2022 45-50

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*Article*

**Исследование реакций в системе Na<sub>2</sub>MoO<sub>4</sub>-ZrOCl<sub>2</sub>-ErCl<sub>3</sub>-H<sub>2</sub>O**

Нерсисян Л., Арутюнян Р., Петросян А.

Химическая технология 2022 162-168

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*Article*

**ОСОБЕННОСТИ ТЕХНОЛОГИЙ КОМПЛЕКСНОЙ ПЕРЕРАБОТКИ ОБЛЕПИХИ КРУШИНОВИДНОЙ (НИРРОРНАЕ), 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

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*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

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*Article*

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

Petrosyan H.R.

*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

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*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

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*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

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*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/>

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*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

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*Article*

**ԴԼԹ-ԷԹԻԴԻՈՒՄԻ ԲՐՈՍԻԴ ՓՈԽԱԶԳԵՅՈՒԹՅԱՆ ՈՒՍՈՒՄԼԱՍԻՐՈՒԹՅՈՒՆԸ ՖԼՈՒՈՐԵՍԵՆՏԵՆՍԱՅԻՆ ԱՆԻՉՈՏՐՈՂԻՎՅԻ ՄԻՋՈՑՈՎ**

Հայկ Պետրոսյան, Կարեն Ամիրբեկյան

ԵՊՀ ՈՒԳԸ գիտական հոդվածների ժողովածու 2015 126-130

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*Conference*

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

H. Petrosyan, S. Dadayan

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*Conference*

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

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

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*Conference*

**POLYCHAR 28**

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

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*Conference*

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

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

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