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Старший научный сотрудник

Знание языков

English Русский

Publications

Статья

Comparison of sulfur and nitrogen deprivation effects on photosynthetic pigments, polyphenols, photosystems activity and H₂ generation in *Chlorella vulgaris* and *Parachlorella kessleri*

Jemma Manoyan, Lilit Hakobyan, Tatsiana Samovich, Nikolai Kozel, Naira Sahakyan,

Hanna Muravitskaya, Vadim Demidchik, Lilit Gabrielyan

International Journal of Hydrogen Energy 2024 408-418

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Redoxification (of the Organism) Through Diet and Supplementation with a Focus on Natural Polymeric Redox Modulators

Naira Sahakyan, Muhammad Jawad Nasim, Claus Jacob

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Anti-cancer effect of *Rumex obtusifolius* in combination with arginase/nitric oxide synthase inhibitors via downregulation of oxidative stress, inflammation, and polyamine synthesis

Mikayel Ginovyan, Hayarpi Javrushyan, Gayane Petrosyan, Barbara Kusznierevicz,

Izabela Koss-Mikołajczyk, Zuzanna Koziara, Monika Kuczyńska, Patrycja Jakubek, Anna Karapetyan,

Naira Sahakyan, Alina Maloyan, Agnieszka Bartoszek, Nikolay Avtandilyan

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Screening revealed the strong cytotoxic activity of *Alchemilla smirnovii* and *Hypericum alpestre* ethanol extracts on different cancer cell lines

Mikayel Ginovyan, Svetlana Hovhannisyanyan, Hayarpi Javrushyan, Gohar Sevoyan, Zaruhi Karabekyan,

Narine Zakaryan, Naira Sahakyan, Nikolay Avtandilyan

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ANTIMICROBIAL ACTIVITY OF ETHANOL EXTRACTS OF *RIBES NIGRUM* AND *RIBES RUBRUM* LEAVES

A.M. Babayan, N.Zh. Sahakyan

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Lamiaceae Family Plants: One of the Potentially Richest Sources of Antimicrobials

N. Zh. Sahakyan

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The Action Mechanisms, Anti-Cancer and Antibiotic-Modulation Potential of Vaccinium myrtillus L. Extract

Mikayel Ginovyan, Anush Babayan, Anahit Shirvanyan, Alvard Minasyan, Meri Qocharyan,

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The possible anti-inflammatory properties of hydro-ethanolic extract of Oregano

Armenuhi Moghrovyan, Mikayel Ginovyan, Nikolay Avtandilyan, Lilya Parseghyan, Armen Voskanyan,

Naira Sahakyan, Anna Darbinyan

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CHEMICAL COMPOSITION AND ANTIBACTERIAL ACTIVITY OF ESSENTIAL OIL OF MENTHA ARVENSIS L. HARVESTED AT HIGH ALTITUDE ARMENIAN FLORA

S. K. TADEVOSYAN, A. H. SHIRVANYAN, A. A. MARKOSIAN, M. T. PETROSYAN, N. Zh. SAHAKYAN

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Antinociceptive, anti-inflammatory, and cytotoxic properties of Origanum vulgare essential oil, rich with β -caryophyllene and β -caryophyllene oxide

Armenuhi Moghrovyan, Lilya Parseghyan, Gohar Sevoyan, Anna Darbinyan, Naira Sahakyan,

Monica Gaboyan, Zaruhi Karabekian, Armen Voskanyan

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Essential Oils of Basil Cultivars Selectively Affect the Activity of Antioxidant Enzymes in Murine Glial Cells

Naira Sahakyan, Pierre Andreoletti, Mustapha Cherkaoui-Malki, Margarit Petrosyan

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THE CHEMICAL COMPOSITION AND ANTIOXIDANT PROPERTIES OF SOME SPECIES OF ARTEMISIA GENUS, REPRESENTED IN ARMENIAN FLORA

A. M. BABAYAN, M. T. PETROSYAN, N. Zh. SAHAKYAN

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Possible Preventive Effect of Ziziphora clinopodioides Lam. Essential Oil on Some Neurodegenerative Disorders

Naira Sahakyan, Margarit Petrosyan

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Ribes nigrum L. Extract-Mediated Green Synthesis and Antibacterial Action Mechanisms of Silver Nanoparticles

Zaruhi Hovhannisyanyan, Marina Timotina, Jemma Manoyan, Lilit Gabrielyan, Margarit Petrosyan,

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The Role of Oxidative Stress-Mediated Inflammation in the Development of T2DM-Induced Diabetic Nephropathy: Possible Preventive Action of Tannins and Other Oligomeric Polyphenols

Gohar Sahakyan, Anne Vejux, Naira Sahakyan

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Antioxidant potential, biochemical activity and hypoglycemic effects of R. obtusifolius L. seed extracts used in Armenian traditional medicine

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Artemisia dracunculus L. essential oil phytochemical components trigger the activity of cellular antioxidant enzymes

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ANTIOXIDANT POTENTIAL OF SOME HERBS REPRESENTED IN ARMENIAN FLORA AND CHARACTERIZATION OF PHYTOCHEMICALS

M. M. Ginovyan, N. Zh. Sahakyan, M.T. Petrosyan, A. H. Trchounian

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Isolated culture of A. reptance L., its' morphological and growth features

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SOME PECULIARITIES OF ESSENTIAL OIL OF DAMASK ROSE GROWING IN HIGH ALTITUDE ARMENIAN LANDSCAPES

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Bioavailability of Tannins and Other Oligomeric Polyphenols: a Still to Be Studied Phenomenon

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Origanum vulgare L. extract-mediated synthesis of silver nanoparticles, their characterization and antibacterial activities

Syuzanna Hambardzumyan, Naira Sahakyan, Margarit Petrosyan, Muhammad Jawad Nasim, Claus Jacob,

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INCREASING OF THE SUPEROXIDE DISMUTASE TOTAL ACTIVITY IN MICROGLIAL CELLS UNDER THE TREATMENT BY RIBES NIGRUM L. ALCOHOL EXTRACT

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SOME LAMIACEAE FAMILY PLANT ESSENTIAL OIL CHEMICAL COMPOSITION AND THEIR POTENTIAL AS ANTIMICROBIAL AGENTS AGAINST ANTIBIOTIC-RESISTANT BACTERIA

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ANTIBACTERIAL AND ANTI-PHAGE ACTIVITY OF PLANTAGO MAJOR L. RAW MATERIAL

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The activity of Alkanna species in vitro culture and intact plant extract against antibiotic resistant bacteria

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Essential oil and ethanol extract of oregano (Origanum vulgare L.) from Armenian flora as natural source of terpenes, flavonoids and other phytochemicals with antiradical, antioxidant, metal chelating, tyrosinase inhibitory and antibacterial activity

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CHEMICAL COMPOSITION AND ANTIMICROBIAL POTENTIAL OF ESSENTIAL OIL OF ARTEMISIA DRACUNCULUS L., CULTIVATED AT HIGH ALTITUDE ARMENIAN LANDSCAPE

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Содержание нейтральных липидов и жирных кислот в листьях интактных растений и каллусных культурах *Ajuga chia* и *Ajuga genevensis*

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Content of neutral lipids and fatty acids in callus cultures and leaves of intact plants of *Ajuga genevensis* and *Ajuga chia*

N. Zh. Sahakyan, M. T. Petrosyan, Yu. G. Popov, V. V. Volodin, N. V. Matistov, I. V. Gruzdev,

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Получение изолированных культур *Ajuga genevensis* L. и *Ajuga chia* Schreb. и их характеристика

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Конференция

Dermal benefits of essential oil distilled from a high altitude damask rose cultivated in Armenia

Arpi Avetisyan, A. Markosian, S. Aloyan, M. Petrosyan, N. Sahakyan, A. Trchounian

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Antimicrobial Activity of the Essential Oils of *Ziziphora Clinopodioides* Lam. from Armenia

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Essential Oils of Basil Plants as Antimicrobial Agents

M. Petrosyan, A. Avetisyan, A. Markosian, N. Sahakyan, A. Babayan, S. Aloyan, A. Trchounian

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Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

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Free radical scavenging activity and total flavonoid content of essential oil and ethanol extracts of Origanum vulgare L., represented in Armenian flora

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A. Babayan, M. Petrosyan, N. Sahakyan, M. Muradyan, A. Trchounian

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Free radical scavenging activity of Amberboa sosnovskyi ILJIN, Hypericum elongatum LEDEB and Stizolophus balsamita Lam plant isolated cultures

Naira Sahakyan, Margarit Petrosyan, Armen Trchounian

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Essential Oil from Thymus vulgaris L. as Antimicrobial Agent

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In vitro antioxidant potential of ethanol extracts of different plants from Armenian flora

N. Sahakyan, M. Zareyan, S. Hambardzumyan, M. Petrosyan, A. Trchounian

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Մոդելային փորձերը կենսաբանության մասնագիտական առարկաների դասավանդման գործընթացում

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Antioxidant activity of Stizolophus balsamita Lam. in vitro culture

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The Chemical Composition and Antimicrobial Potential of Artemisia Dracunculus L., Cultivated At High Altitude Armenian Landscape

M. Petrosyan, N. Sahakyan, A. Avetisyan, S. Aloyan, A. Trchounian

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M. Ginovyan, M. Petrosyan, N. Sahakyan, A. Trchounian

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Antioxidant activity from alcohol extracts of some plants of Armenian flora: The highest level and its probable nature

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Overcoming Antibiotic Resistance: Heavy Metal Nanoparticles as Antibacterial Agents against Antibiotic Resistant Escherichia coli Strains

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The chemical composition of tarragon (*Artemisia dracunculus* L.) essential oil and its effects on antioxidant enzymes activity of microglial cells

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ISOLATED CULTURE OF AJUGA REPTANCE L., ITS' MORPHOLOGICAL AND GROWTH FEATURES

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Antibacterial activity of *Ribes nigrum* extract-mediated synthesized AgNPs

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***Hipericum alpestre* extract has not high potential as neuroprotective agent**

Naira Sahakyan, P. Andreoletti, M. Cherkaoui-Malki

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Antioxidant properties of some herbal extracts from Armenian flora, evaluation of their cytotoxicity and genotoxicity on HT29 cell line

Mikayel Ginovyan, Zuzanna Koziara, Monika Baranowska, Klaudia Suliborska, Patrycja Jakubek,

Barbara Kusznierevicz, Nikolay Avtandilyan, Naira Sahakyan, Agnieszka Bartoszek

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Changes in antioxidant enzymes activity of neuroglial cells under the treatment with basil essential oils

Naira Sahakyan, Margarit Petrosyan, Pierre Andreoletti, Mustapha Cherkaoui-Malki

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High antioxidant and cytotoxic activity of *Rumex obtusifolius* seed extract and metabolomic characterization of its bioactive phytochemicals.

M. Ginovyan, Z. Koziara, M. Baranowska, I. Koss-Mikolajczyk, K. Suliborska, P. Jakubek, B. Kusznierevicz,

N. Avtandilyan, N. Sahakyan, A. Bartoszek

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Antimicrobial and antioxidant potential of some plant crude extract

Margarit Petrosyan, Alvard Minasyan, Anahit Shirvanyan, Anush Babayan, Mikayel Ginovyan,

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Potential of plant origin compounds as therapeutic agents

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Prospects for the use of Ficus carica L. leave extract as bio-preservative agent

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Բուսական ծագմամբ միացությունների ներուժը սննդի և կերերի արտադրության կոնսերվանտների և նոր կենսաբանորեն ակտիվ հավելումների մշակման ոլորտում

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THE OXIDATIVE STRESS AND POSSIBLE PREVENTIVE ACTION OF PLANT BORN POLYPHENOLS

Anahit Shirvanyan, Anush Babayan, Alvard Minasyan, Margarit Petrosyan, Anna Poladyan,

Naira Sahakyan

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THE OXIDATIVE STRESS AND T2DM-INDUCED DIABETIC NEPHROPATHY: POSSIBLE PREVENTIVE ACTION OF PANT-BORN OLIGOMERIC POLYPHENOLS

Gohar Sahakyan, Anne Vejux, Margarit Petrosyan, Anna Poladyan, Naira Sahakyan

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ՕՔՍԻԴԱՅԻՆ ՍԹՐԵՍԸ ԵՎ ԲՈՒՍԱԿԱՆ ՊՈԼԻՖԵՆՈԼՆԵՐԻ ՀՆԱՐԱՎՈՐ ԿԱՆԽԱՐԳԵԼԻՉ ԱՉԴԵՑՈՒԹՅՈՒՆԸ

Սահակյան Ն.Ժ.
