

 Education

Institution	Yerevan State University
Faculty	Faculty of Biology/Chair of Ecology and Nature Conservation
Date	2020 - 2022
Degree name	Masters

Institution	Yerevan State University
Faculty	Faculty of Biology/Chair of Ecology and Nature Conservation
Date	2016 - 2020
Degree name	Bachelor

 Language skills

Հայերեն Русский English

 Work experience

Institution	Yerevan State University
Period of time	2022 till now
Rank/degree	Lecturer

 Publications

Article
Chenopodium album L.: a promising NaCl accumulating and tolerant plant for mitigation of salinity stress
Ghazaryan K.A., Margaryan G.H., Minkina T.M., Rajput V.D., Movsesyan H.S.
Revista Brasileira de Botanica 2024 1-20

Article
Advancing Agricultural Resilience in Ararat Plain, Armenia: Utilizing Biogenic Nanoparticles and Biochar under Saline Environments to Optimize Food Security and Foster European Trade
Abhishek Singh, Gohar Margaryan, Anna Harutyunyan, Hasmik S. Movsesyan, Hrant Khachatryan, Vishnu D. Rajput, Tatiana Minkina, Athanasios Alexiou, Dimitrios Petropoulos, Athanasios Kriemadis, Hassan El-Ramady, Karen Ghazaryan
Egyptian Journal of Soil Science 2024 459-483

Article

SOIL SALINIZATION IN THE AGRICULTURAL LANDS OF ARMAVIR AND BAGHRAMYAN REGIONS

G. H. MARGARYAN

ԵՊՀ գիտական տեղեկագիր. Զիմիա և կենսաբանություն: 2024 95-106

Article

Emerging technologies for sustainable soil management and precision farming

Abhishek Singh, Bhavana Tomar, Gohar Margaryan, Priyadarshani Rajput, Tatiana Minkina,

Saglara Mandzhieva, Mohamed S. Elshikh, Shen-Ming Chena, Rupesh Kumar Singh,

Hassan Ragab El-Ramady, Anil Kumar Singh, Omkar Singh, Karen Ghazaryan

Nanotechnology Applications and Innovations for Improved Soil Health 2024 210-235

Article

Unveiling the salinity tolerance potential of Armenian Dandur (*Portulaca oleracea* L.) genotypes: Enhancing sustainable agriculture and food security

Gohar Margaryan, Abhishek Singh, Hrant Khachatryan, Vishnu D Rajput, Tatiana Minkina,

Dimitrios Petropoulos, Athanasios Kriemadis, Athanasios Alexiou, Mohamed S. Elshikh,

Abd El-Zaher M.A. Mustafa, Karen Ghazaryan

Journal of King Saud University - Science 2024 103332

Article

Soil Pollution: An Agricultural and Environmental Problem with Nanotechnological Remediation Opportunities and Challenges

Karen Ghazaryan, Shreni Agrawal, Gohar Margaryan, Anna Harutyunyan, Priyadarshani Rajput,

Hasmik Movsesyan, Vishnu D. Rajput, Rupesh Kumar Singh, Tatiana Minkina, Mohamed S. Elshikh,

Mona S. Alwahibi, Athanasios Alexiou, Marios Papadakis, João Ricardo Sousa, Abhishek Singh

Discover Sustainability 2024 1-33

Article

Enhancing crop food security in the Ararat Plain region of Armenia: harnessing arid soil resources and biogenic nanoparticles for salinity-resilient cultivation

Abhishek Singh, Karen Ghazaryan, Gohar Margaryan, Hrant Khachatryan, Vishnu D Rajput,

Tatiana M. Minkina

Sustainable Agriculture: Nanotechnology, Biotechnology, Management and Food Security 2024 49-71

Article

ԷԶՍԻԱՅՆԻ ՏԱՐԱԾԱՇՐՋԱՆԻ ԳՅՈՒՂԱՏՆՏԵՍԱԿԱՆ ՆՇԱՆԱԿՈՒԹՅԱՆ ՀՈՂԱՏԱՐԱԾՔՆԵՐԻ ԱՂԱԿԱԼԱԾՈՒԹՅԱՆ ԱՍՏԻՃԱՆԻ ԳՆԱՀԱՏՈՒՄԸ

Գ.Հ. Մարգարյան, Հ.Է. Խաչատրյան, Կ.Ա. Ղազարյան

Հայաստանի կենսաբանական հանդես 2023 32-43
