

Curriculum Vitae

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Google Scholar: <https://scholar.google.com/citations?user=3CluTMsAAAAJ&hl=en>

Current Position

Erbil, Soran, Soran University, Faculty of Education

EDUCATION

2004 - 2008	University of Urmia, Bachelor Major: Horticulture Science
2009 - 2011	University of Guilan, Master Major: Medicinal plant physiology and biology Advisor: Jamal-Ali Olfati PhD
From 2021	PhD student at Urmia University Major: Medicinal plants physiology and production- Biostimulant and plant growth regulator (Advisor Dr. Hassani)

Employment History

2009-2011 Full-Time students in digital library in Guilan University

Full- Time work in Botanical Garden (2010-2012)

2011-2013- medicinal plant processing manager in Zarringiah Medicinal plants Company

2011-2012- Manager of the medicinal plant greenhouse at Zarringiah company

2011- 2013- Manager of the medicinal plant botanical garden

2013-2024- Senior lecturers at Soran University

Research interests:

Plant physiology, plant biology, plant ecology, plant protection, and plant preserve, medicinal plants, processing of medicinal plants, crop production, and Agriculture production

Other interests:

- Web design, Web developer, HTML programming (example: www.journals.soran.edu.iq)
- Volatile oil extraction
- Statistical program teaching (SAS, SPSS, STATA, XLSTAT and MSTAT-C)
- Expert in experimental design
- Familiar to End-Note, Mendely and Latex Program
- High expert in Scientometric (Analysis Science Data with Perish, VOS viewer and bilbiotext)

Certifications

- Professional training courses in extraction of essential oil from medicinal plants
- Professional training courses of statically program SAS
- Training courses in good laboratory practice (GLP)
- Professional training courses in nanotechnology
- Professional training courses in End-Note program
- Training courses in paper writing

TEACHING EXPERIENCE

INSTRUCTOR OF RECORD

2013-2024	General Biology, Soran University
2013- 2024	Plant physiology, Soran University
2013- 2024	Ecology Science, Soran University
2011	Medicinal plant, Afagh University

PROFESSIONAL AFFILIATIONS AND SERVICES _____

Ad-hoc Reviewer

Agricultural Communication Journal
International Food Research Journal
Journal of Essential Oil Bearing Plants
Acta Scientiarum Polonorum Hortorum Cultus
Journal of Agricultural Science and Technology
Oleo science journal

Professional Organization Member

Iranian Medicinal plant society (IMPS)
Iranian Horticulture Science Society

PUBLICATIONS _____

PEER-REVIEWED JOURNAL ARTICLES

1. - Mohammad Aghaea Morteza Alizadeh **Mohammad Saadatian** Sajad Riahia Khadijeh Jangjoua. Effects of growing stages and drying methods on quality of shahsparam (*Tanacetum balsamita* L.), *International Journal of Agriculture and Crop Sciences*. IJACS/2013/5-2/168-172.
2. **M. Saadatian**, M. Aghaei, M. Farahpour, Z. Balouchi, Chemical composition of lavender (*Lavandula officinallis* L.) extraction extracted by two solvent concentrations, *Global Journal of Medicinal Plant Research*, 1(2): 214-217, 2013.
3. **Mohammad saadatian**, Shayan ahmadiyan, Mohammad akbari, Zahra balouchi, Effects Of Pretreatment With Nitric Oxide On Kiwifrut Storage At Low Temperature, *Advances in Environmental Biology*, 6(7): 1902-1908, 2012.

4. Morteza alizadeh, Mohammad Aghaei, **Mohammad Saadatian**, Iman sharifian, Chemical composition of essential oil of *Artemisia vulgaris* from West Azerbaijan, Iran, *EJEAFChe*, 11 (4) 2012. [436-444].

5. Zahra BALOUCHI*, Gholam-Ali PEYVAST, Mahmood GHASEMNEZHAD, **Mohammad SAADATIAN**, CHANGES OF ANTIOXIDANT COMPOUNDS OF BROCCOLI (*Brassica oleracea* L.var. Italica) DURING STORAGE AT LOW AND HIGH TEMPERATURES. *South Western Journal of Horticulture, Biology and Environment* pp.193-212, Vol.2, No.2, 2011.

6. Mohammad Ali Shiri¹, Mahmood Ghasemnezhad, Davood Bakhshi², and **Mohammad Saadatian**¹, EFFECTS OF ASCORBIC ACID ON PHENOLIC COMPOUNDS AND ANTIOXIDANT ACTIVITY OF PACKAGED FRESH CUT TABLE GRAPES. *EJEAFChe*, 10(7), 2011 [2506-2515].

7. J.A. Olfati, **M. Saadatian**, Gh. Peyvast, S.H. Malakouti, A. Kiani, 4M. Poor-Abdollah, Effect of Harvesting Date on Yield and Quality of Lettuce. *Advances in Environmental Biology*, 5(7): 1647-1650, 2011.

8. **M. Saadatian**, Gh. Peyvast, J.A. Olfati, P. Ramezani-Kharazi⁴. Different species of basil needs different ammonium to nitrate ratio in hydroponics' system, *Acta agriculturae Slovenica*, 103 - 2, 2014 str. P: 223 - 232.

9. **M. Saadatian**, M. Aghaei, M. Farahpour Extraction and composition of *Hypericum perforatum* L. growing wild in Mergewer region of Urmia, *Advanced Studies in Biology*, Vol. 6, 2014, no. 2, 67 – 73.

10. Zahra Balouchi, Mahmood Ghasemnezhad, **Mohammad Saadatian**, Gholam Ali Peyvast. BIOCHEMICAL CHARACTERISTIC OF FLORETS SENESCENCE IN BROCCOLI CULTIVARS DURING STORAGE AT LOW AND HIGH

TEMPERATURES, Electronic Journal of Polish Agricultural Universities (EJPAU). 2014,17(2), #12

11. **M. Saadatian**, F. Peshawa, K. Asiaban, A. Karzan, H. Muhammad. Determination of Biochemical Content and some Pomological Characteristics of 4 Hawthorn Species (*Crataegus* spp.) Grown in Erbil Province, Kregion, Iraq. *Advances in Environmental Biology*, 8(7) May 2014, Pages: 2465-2468.
12. Jamal-Ali Olfati, Mohammad Saadatian, Eshaq Moqbeli, Nitrogen and Potassium level optimization in nutrient solution for Aloe vera L. in a soilless culture system, *South African Journal of Plant and Soil*. Volume 32, Issue 4, 2015
13. **M. Saadatian**, M. Aghaee, M. Farahpour, M.Aghaee, Chemical Compositions of Flowers extract of Borage (*Borago officinalis* L.) in wild population from Urmia district, *Journal of Essential Oil Bearing Plants*. Vol. (20) Issue 6, 2017.
14. S. Alaghemand, H. Ayyubi, E. Hasanpour, J.A. Olfati, M. Saadatian, Y. Hamidoghli. Organic Fertilizers on Growth and Biochemical Characteristics of Fenugreek. *Acta agriculturae Slovenica*, 109 - 2, september 2017 str. 197 - 203.
15. Sajjad Riaie, **Mohammad Saadatian**, Mohammad Aghaie, Morteza Alizadeh, Ramin Hajitaghiloo. Application salicylic acid and aloe vera gel as edible coating layer to preserving fresh-cut melon slices in cold storage. *International Food Research Journal (IFRJ)*, vol (24) 6, 2017.
16. Esmat Arabzadeh, Reza Fotuhi Ghazviny, Mahboubeh Rahmani, **Mohammad Saadatian**. Effects of irrigation period on antioxidant system in three types of citrus genotype. *Agriculturae Conspectus Scientificus* 82(82 1):33-38 · October 2017.
17. Esmat ARABZADEH, Reza FOTUHI GHAZVINY, Hedayat ZAKIZADEH, Saeed ESHGHY, **Mohammad SAADATIAN** The effects of seasonal changes on biochemical changes of some Citrus species, *Asian Journal of Biological and Life Sciences*, Vol (5) 3, 2016.

18. Saadatian, M., Paiza, A.A., Kanar, S.F., Pershang, Y.N., Hewen, A.H., Silaw, M.E. Physical and chemical properties of pomegranate fruits accessions from Kurdistan region, Iraq, *Journal of Agricultural Sciences* Vol. 63, No. 4, 2018 Pages 355-366.
19. Mohammad Saadatian, M. S. Jasour, DRYING PROCESS AFFECTS BIOACTIVE COMPOUNDS IN HAWTHORN SPECIES, *Acta Scientiarum Polonorum Hortorum Cultus* 15(4) 3-16, 2016.
20. DRYING PROCESS AFFECTS BIOACTIVE COMPOUNDS IN DOG ROSE SPECIES, food science and technology. Under review.
21. Saadatian M., ¹ Asiaban K.¹Effect of solvent, time and temperature on the some chemical properties of Saleb tuber (*Anacamptis Collina*).
22. Atefepour, E., Saadatian, M., Asil, M. H., & Rabiei, B. (2021). Effect of silver nano particles and 8-hydroxyquinoline citrate on the longer life of cut Gerbera (*Gerbera jamesonii*) 'Sunway' flowers. *Scientia Horticulturae*, 289, 110474.
23. Saadatian, M., Mohammad, R. H., Jumaah, A. A., & Oagaz, J. A. (2022). Evaluation of Nutritional Value, Fatty Acids and Polyphenols Profiles of *Pyrus amygdaliformis* L. Grown in North-East Kurdistan Regional Government, Iraq. *Journal of Oleo Science*, 71(7), 985-990.
24. Aghaei, M., Hassani, A., Nazemiyeh, H., Mandoulkani, B. A., & Saadatian, M. (2022). Analysis of population structure and genetic diversity of Iranian Wild *Salicornia* (*Salicornia iranica* Akhani) population. *Journal of Genetic Engineering and Biotechnology*, 20(1), 1-15.
25. Mohammad saadatian, Aryan Muhammad¹, Kalsum Ahmad¹, Mahnaz Awdal¹, Lawen Ahmad¹, Delsoz Qadir¹, Baran Ismael¹ (2023) Classification of Grape Cultivars by Multivariate Analysis of Biochemical Constituents and HPLC Profiles, *Agriculturae Conspectus Scientificus*, *in press*.
26. Mohammad Saadatian, Fatima Yousif, Rwa Askandar, Roya Rizgar, Maryam Saber (2023) Classification of pomegranate cultivars by multivariate analysis of biochemical constituents of HPLC, *acta agriculture slovenica*, *In press*.
27. M. Aghaei, H. Nazemiyeh, A. Hassani, B. Abdollahi Mandoulakani, M. Saadatian (2023) Fatty acids diversity of wild population of *Salicornia* (*Salicornia Iranica*) growth around Urmia Lake. *Oleo Science Journal*, *in press*.
28. Mohammad Aghaei¹, Abbas Hassani, Hossein Nazemiyeh, Babak Abdollahi Mandoulakani and Mohammad Saadatian (2023) Classification of *Salicornia Iranica* Arkhani wild populations by multivariate analysis of biochemical constituents Under Review.
29. Saadatian, M., Saleem, K. and Abdullah, H., 2025. Seed Priming with Vegetal Protein Hydrolysate Enhances Germination and Early Seedling Growth in *Cucumis*

sativus L. *International Journal of Horticultural Science and Technology*, 12(2), pp.357-364.

30. Mohammad Saadatian, Kanar, Haval Abdullah (2023) Effects of vegetal protein hydrolysate on seed priming and seedling vigorous of cucumber. *Scientia Horticulturae* under Review.
31. Ansari, A., Saadatian, M., Haji-Taghilou, R., Sedeeq, K., Abdulhadi, R. and Majeed, A., 2025. Exogenous Melatonin Application Prolongs Citrus Fruits (*Citrus sinensis*) Shelf-life Quality by Enhancing Some Phytochemical Traits. *Iranian Food Science and Technology Research Journal*, (3).
32. Saadatian, M., Abdulwahid-Kurdi, S.J., Mohammed, K.S. and Abdullah, R.A., 2025. Growth Stage-Dependent Polyphenol Profiles and Antioxidant Properties in Medicinal Plants of Iraqi Kurdistan. *Journal of Oleo Science*, 74(7), pp.647-653.

Conference Paper

1. 1. Effects of harvesting time on quantity and quality of lettuce. Hydroponic conference, Esfahan, Iran, 2011
2. 2. Study of spearmint allopathic effect on germination and growth of weed plants, Medicinal plants conference, Sari, Iran, 2010.
3. 3. Study of salvia (*salvia sclarea* L.) allopathic effect on germination and growth of weed plants, Medicinal plants conference, Sari, Iran, 2010.
4. 4. Effects of NO₃/NH₄ ration on basil growth in NFT hydroponic system, university of Guilan conference, Guilan, Iran, 2010.