

LEILA TABRIZI RAEINI

**Former Visiting Research Scientist & Postdoctoral Researcher at: Stockbridge School
of Agriculture, Bowditch Hall Room 302 and Paige Lab Room 210**

201 Natural Resources Road

University of Massachusetts, Amherst, MA, 01003-9294.

Email: Leilitabrizi@gmail.com

Phone: (413) 313 9432 or (413) 430 9829

**Assistant Professor at: Department of Horticultural Science, Faculty of Agricultural
Science & Engineering, College of Agriculture & Natural Resources,**

University of Tehran

P.O.Box: 31587-4111, Iran

Phone: +98 9123831364

Email: L.tabrizi@ut.ac.ir

EDUCATION

**Ph.D. Ferdowsi University of Mashhad, Agroecology (Major in Agronomy; Minor
in Ecology) 2007**

Mashhad, Iran

Thesis Title: Ecological characteristics of Khorasan Thyme (*Thymus transcaspicus* Klovov) in natural habitats and evaluation of possibility for domestication under low input cropping systems.

M.Sc. Ferdowsi University of Mashhad, Agronomy 2004

Mashhad, Iran

Thesis Title: Effect of water stress and organic fertilizer on quantitative and qualitative criteria of two species of medicinal plants: *Plantago ovata* and *Plantago psyllium*.

B.Sc. Shahid Bahonar University of Kerman, Agronomy 1998

Kerman, Iran

EXPERIENCE

2010-present Assistant Professor, University of Tehran

2010-2012 Adjunct Professor Shahid Beheshti University, Tehran

2007-2010 Lecturer, Shahid Beheshti University, Tehran

CONTRIBUTION TO UNDERGRADUATE PROGRAMS

Courses Taught

@ the University of Tehran

- Ecology
- Human and Environment Interactions
- Plant physiology

CONTRIBUTION TO GRADUATE PROGRAMME

A) M.Sc.

Courses Taught

@ Shahid Beheshti University

- Sustainable Agriculture
- Mechanisms of Crop Resistance to Environmental Stresses

@ the University of Tehran

- Production of Medicinal, Aromatic and Spice Plants
- Medicinal and Aromatic Plants Physiology

M. Sc. Students Supervised or Co-Supervised

- Fatemeh Zahra Ghani. 2021. Improving the quality potential and shelf life of purslane (*Portulaca oleracea* L.) as affected by storage temperatures, duration and packaging type.
- Meysa Raoof. 2021. Effect of different levels of drought stress on growth and phytochemical characteristics of *Ziziphora clinopodioides*.
- Maryam Naghavi. 2020. Application of biological amendment and silicon on the growth potential and yield of licorice (*Glycyrrhiza glabra* L.) under lead stress.
- Fatemeh Saei. 2020. Extending Storage life of Saffron (*Crocus sativus* L.) flowers with low temperature and containers effect.
- Seyed Ahmad Malekzad, 2019. Effect of electrical conductivity of nutrient solution on qualitative and quantitative criteria of Licorice (*Glycyrrhiza glabra* L.) ecotypes under controlled cultures.
- Mahdijeh Lakzaei. 2019. Investigation on yield potential and growth responses of licorice (*Glycyrrhiza glabra* L.) to mycorrhization under heavy metal stress
- Roghiyeh Hosseini Khalili, 2018. Evaluation of harvesting time and edible coating on postharvest quality of jujube fruit (*Ziziphus jujuba* Miller.)

- Ghasem Babakoochi, 2018. Evaluation of Growth performance, flower sex expression and yield of medicinal pumpkin (*Cucurbita pepo* var. *styriaca*) by application of plant growth regulators.
- Hossein Jahangiri. 2018. Investigation of growth and yield of chia (*Salvia hispanica* L) by application of integrated nutrition at different planting density.
- Esmail Talebi, 2017. Effects of different irrigation levels on morphological, yield and phytochemical characteristics of some Licorice (*Glycyrrhiza glabra* L.) ecotypes.
- Ahmad Raeisi, 2017. Thesis title: Investigation the effects of organic manure on morphological, yield and phytochemical characteristics of some Licorice (*Glycyrrhiza glabra* L.) ecotypes.
- Maraym Amirshahi, 2017. Thesis title: The effects of different plant densities on morphological, yield and phytochemical characteristics of some Licorice (*Glycyrrhiza glabra* L.) ecotypes.
- Reza Malmir, 2017. Effect of silicon sources and nano silicon on nutrition criteria and some morphophysiological response of stevia (*Stevia rebaudiana* Bertoni).
- Ali Heydarzadeh, 2017. Effect of salicylic acid application on quantitative and qualitative features of herbal plant *Ziziphora clinopodioides* Lam. under water deficit stress condition.
- Maliheh Shalooki, 2017. Investigation of morphological, phytochemical and molecular diversity of some *Ziziphora clinopodioides* Lam. ecotypes.
- Fatemeh Abdi, 2017. Study some maturity index and storage temperatures on quantitative and qualitative criteria and postharvest quality of cape gooseberry (*Physalis peruviana* L.). (Advisor)
- Alireza Zavvari, 2015. Response of growth, quantitative and qualitative yield of Stevia (*Stevia rebaudiana* Bertoni) to planting space and harvesting time.
- Zeynab Rasooli, 2015. Effect of organic manure and propagation method on growth, quantitative and qualitative yield of Stevia (*Stevia rebaudiana* Bertoni)
- Mohammad Hadi Mahdipour , 2015. The effects of organic inputs on growth, yield, and alkaloid content of *Catharanthus roseus* L. under defoliation stress.
- Nafiseh Eskandari. 2015. Study of the possibility of somatic embryogenesis in *Cannabis sativa*
- Hossein Mohammadi, 2015. Optimizing seedling production, growth and yield of cape gooseberry (*Physalis peruviana* L.) by application of vermicompost under different plant densities.

- Zahra Gorzin. 2015. Effect of *Echinacea purpurea* herbal extract on colonization and immune parameters in honey bee (*Apis mellifera*).
- Abbas Hashemi, 2015. Investigation of moisture-temperature response, storage, and production of isabgol seed (*Plantago ovata*).
- Parvin Amini, 2013. Assessing production systems and biodiversity of medicinal plants in agroecosystems of Qazvin province.
- Ebrahim Eslami, 2013. Effect of foliar application of humic acid and pollen type on quantitative and qualitative criteria of medicinal pumpkin (*Cucurbita pepo* var. *styriaca*).
- Siavash Mohammadi. 2013. Effect of arbuscular mycorrhizal fungi on yield and phytoremediation performance of pot marigold (*Calendula officinalis* L.) and rosemary (*Rosmarinus officinalis* L.) under heavy metals stress. International Journal of Phytoremediation.
- Maasoumeh Roknaddini, 2013. Effect of planting density on growth and quantitative and qualitative criteria of three cultivar of bitter melon (*Momordica charantia*).
- Saeed Bakhshi. 2013. The effect of chemical, organic and biological fertilizers on quantitative and qualitative characteristics of the Isabgol (*Plantago ovata*).
- Zahra Hatari, 2012. Genetic diversity evaluation of a medicinal plant (*Ziziphora tenuior* L.) of Iran, using RAPD molecular markers.
- Farnaz Dejabon, 2011. Study on the effect of organic inputs and drying methods on growth, yield and quality characteristics of pot marigold (*Calendula officinalis* L.)

B) Ph. D.

Courses Taught

@ the University of Tehran

- Designing Agro-industrial Systems of Medicinal& Aromatic Plants
- Organic Production of Horticultural Crops

Ph. D. Students Supervised or Co-Supervised

- Saleheh Khosravi, 2021. Optimization of nutrient solution composition and culture substrate in hydroponically grown licorice (*Glycyrrhiza glabra* L.) by evaluation of morpho-physiological, phytochemical and root architecture characteristics. (Dissertation under progress)

- Tahereh Goudarzi. 2021 Morphophysiological and phytochemical responses of Licorice (*Glycyrrhiza glabra* L.) to low input farming system and evaluation of symbiosis potential of its rhizospheric bacteria.
- Ali Alemardan. 2021. Evaluation of morphophysiological, phytochemical, and molecular traits of two *Satureja* species endemic to Iran (*S. khuzistanica* Jamzad and *S. rechingeri* Jamzad) under salinity stress
- Siavash Mohammadi, 2019. Study on diversity, general combining ability and interspecific hybridization in some *Thymus* spp. for selection of elite genotypes.
- Hadiseh Daneshvar, 2018. The effect of nutrition management (inorganic and organic) on nitrate content, storability and postharvest quality of fresh-cut celery (*Apium graveolens* L.).
- Shahla Mahdavi, 2016. Study of drought and salinity tolerant of ryegrass (*Lolium perenne*) under application of nano silica and digoxin.
- Saeideh Mohtashemi, 2016. The effect of different levels of Ammonium Sulfate on growth, shelf life and phytochemicals of summer savory (*Satureja hortensis* L. cv. Saturn).
- Hassan Mumivand, 2016. Effect of water stress on growth phytochemicals and enzymes activities of Iranian Tarragon (*Artemisia dracuncululus* L.) Accessions.
- Alireza Yavari. 2016. Analysis of morphological attributes, molecular and phytochemical criteria in *Echinacea purpurea* L. using half sib families.
- Hadi Zarghani, 2011. Effect of organic manure and irrigation frequency on growth, yield and phytochemical criteria of *Thymus transcaspicus*.

RESEARCH INTERESTS

Nutrient management and sustainable crop production; soil health, biotic/abiotic plant stress management; sustainable utilization of medicinal and aromatic plants; agrobiodiversity; phytoremediation and organic agriculture; seed physiology and technology.

PUBLICATIONS

Articles Published in Refereed International Journals

Goudarzi, T., **L. Tabrizi**, H. Ali Alikhani, V. Nazeri, F. Najafi. 2023. Phytostimulation properties of indigenous plant growth- promoting bacteria from Licorice

- (*Glycyrrhiza glabra* L.): Benefits for seed germination and seedling growth. International Journal of Horticultural Science and Technology. 10 (1): 53-68.
- Daneshvar, H., M. Babalar, J. Díaz-Pérez, S. Nambeesan, M. Delshad and **L. Tabrizi**. 2022. Evaluation of organic and mineral fertilizers on plant growth, minerals, and postharvest quality of celery (*Apium graveolens* L.). Journal of Plant Nutrition. 1-18, DOI:10.1080/01904167.2022.2097921
- Mohtashami, S., M. Babalar, **L. Tabrizi**, A. Ghani, V. Rowshan and M. Shokrpour. 2021. Essential oil constituents and variations in antioxidant compounds of dried summer savory (*Satureja hortensis* cv. Saturn) affected by storage conditions and ammonium sulfate. Food Science and Nutrition. 00:1-12. DOI: 10.1002/fsn3.245.
- Shaltouki, M., V. Nazeri, M. Shokrpour, **L. Tabrizi**, and F. Aghaei. 2021. Phenotypic and Genotypic Assessment of Some Iranian Ziziphora clinopodioides Lam. Ecotypes. Journal of Agricultural Science and Technology (JAST). 23(3).
- Mohammadi, S., **L. Tabrizi**, M. Shokrpour, J. Hadian, H. Schulz and D. Riewe. 2020. Morphological and phytochemical screening of some *Thymus* ecotypes (*Thymus* spp.) native to Iran in order to select elite genotypes. Journal of Applied Botany and Food Quality. 93: 186-196.
- Tabrizi, L.**, M. Lakzaei and B. Motesharezadeh. 2020. The yield potential and growth responses of licorice (*Glycyrrhiza glabra* L.) to mycorrhization under Pb and Cd stress. International Journal of Phytoremediation, 23(3): 316-327. DOI: 10.1080/15226514.2020.1813076.
- Isazadeh Hajagha, R., **L. Tabrizi**, E. Kafkas and S. Kirici. 2019. Evaluation of antioxidant activity and some secondary metabolites of purple coneflower (*Echinacea purpurea* L.) in response to biological and chemical fertilizers. Journal of Agricultural Science. 11(17): 1-10.
- Mohtashemi, S., V. Roshan, **L. Tabrizi**, M. Babalar and A. Ghani. 2018. Summer savory (*Satureja hortensis* L.) essential oil constituent oscillation at different storage conditions. Industrial Crops & Products. 111: 226-231.
- Mumivand, H., M. Babalar, **L. Tabrizi**, L.E. Craker, M. Shokrpour and J. Hadian. 2017. Antioxidant properties, total phenolics and flavonoids as well as HPLC analyses of the principal phenolic phytochemicals of Iranian Tarragon (*Artemisia dracunculus* L.) accessions. Horticulture, Environment and Biotechnology. 58(4):414-422.
- Mahdavi, Sh., M. Kafi, E. Fallahi, M. Shokrpour and **L. Tabrizi**. 2017. Drought and biostimulant impacts on mineral nutrients, ambient and reflected light-based chlorophyll index, and performance of perennial ryegrass, Journal of Plant Nutrition. 40(16): 2248-2258.
- Isazadeh Hajagha, R., S. Kirici, **L. Tabrizi**, A. Asgharzadeh and A. Hamidi. 2017. Evaluation of growth and yield of Purple Coneflower (*Echinacea purpurea* L.) in

- response to biological and chemical fertilizers. *Journal of Agricultural Science*. 9(3): 160-171.
- Tabrizi, L.,** M.H. Mahdipour and E. Azizi. 2016. The effects of organic inputs on growth, yield, and alkaloid content of *Catharanthus roseus* L. under defoliation stress. *International Journal of Farming and Allied Sciences*. 5 (4): 349-355.
- Mahdavi, S., M. Kafi, S. Fallahi, M. Shokrpour, and **L. Tabrizi**. 2016. Water stress, nano silica, and digoxin effects on minerals, chlorophyll index, and growth in ryegrass. *International Journal of Plant Production*. 10 (2): 251-264.
- Tabrizi, L.,** S. Mohammadi, M. Delshad and B. Moteshare Zadeh. 2015. Effect of arbuscular mycorrhizal fungi on yield and phytoremediation performance of pot marigold (*Calendula officinalis* L.) under heavy metals stress. *International Journal of Phytoremediation*. 17(12): 1244-1252.
- Alemardana, A., W. Asadi, M. Rezaei, **L. Tabrizi**, S. Mohammadi. 2013. Cultivation of Iranian seedless barberry (*Berberis integerrima* 'Bidaneh'): A medicinal shrub. *Industrial Crops and Products*. 50: 276-287.
- Najafi, F., M. Mahdavi Damghani, **L. Tabrizi** and S. Nejad Ebrahimi. 2013. Effect of biofertilizers on growth, yield and essential oil content of Thyme (*Thymus vulgaris* L.) and Sage (*Salvia officinalis* L.). *Journal of Essential Oil Bearing Plants*. 17(2): 237-250. (DOI:10.1080/0972060X.2013.813235).
- Ghalegolab behbahani, A., K. Khoshbakht, A. Davari, **L. Tabrizi**, H. veisi and A. Alipour. 2012. Assessing the effect of Socio-economic factors on Agrobiodiversity in homegardens of Jajrood and Jamabrood in Tehran Province (Iran). *Advances in Environmental Biology*, 6: 1708-1715.
- Tabrizi, L.,** A. Koocheki, P. Rezvani Moghaddam, M. Nassiri Mahallati and M. Bannayan. 2011. Effect of irrigation and organic manure on Khorasan thyme (*Thymus transcaspicus* Klovov). *Archives of Agronomy and Soil Science*. 57(3): 317-326.
- Tabrizi, L.,** A. Koocheki, P. Rezvani Moghaddam and M. Nassiri. 2010. Chemical composition of the essential oils from *Thymus transcaspicus* Klovov in natural habitats. *Chemistry of Natural Compounds Journal*. 46: 121-124.
- Mahdavi Damghani, A.M. and **L. Tabrizi**. 2009. Sustainable nutrient management in savory (*Satureja hortensis* L.) using biofertilizers and farmyard manure. *Green Farming*. 2(5): 265-268.
- Khoshbakht, K., **L. Tabrizi** and M. Mahdavi Damghani. 2009. Contribution of Local Agricultural Systems in Conservation of Agrobiodiversity in Central Alburz Region/ Iran. *Journal of Agriculture and Rural Development in the Tropics and Subtropics*. 92: 153-162.

- Nadjafi, F., **L. Tabrizi**, J. Shabahang and M. Mahdavi Damghani. 2009. Cardinal Germination Temperatures of Some Medicinal Plant Species. *Journal of Seed Technology*. 31: 156-163.
- Bannayan, M., F. Nadjafi, M. Azizi, **L. Tabrizi** and M. Rastgoo. 2008. Yield and Seed Quality of *Plantago ovata* and *Nigella sativa* Under Different Irrigation Treatments. *Industrial Crops and Products*. 27: 11-16.
- Esmaeili, A. A. Rustaiyan, M. Nadimi, K. Larijani, F. Najafi, **L. Tabrizi**, F. Chalabian and H. Amiri. 2008. Chemical Composition and Antibacterial Activity of Essential Oils From Leaves, Stems and Flowers of *Salvia reuterana* Boiss Grown in Iran. *Natural Product Research*. 6: 516-520.
- Koocheki, A., **L. Tabrizi** and M. Nassiri. 2007. The Effects of Irrigation Intervals and Manure on Qualitative and Quantitative Characteristics of *Plantago ovata* and *Plantago psyllium*. *Asian Journal of Plant Science*. 6: 1229-1234.
- Bannayan, M., F. Nadjafi, M. Rastgoo and **L. Tabrizi**. 2006. Germination Properties of Some Wild Medicinal Plants. *Journal of Seed Technology*. 28(1):80-86.
- Nadjafi, F., M. Bannayan, **L. Tabrizi** and M. Rastgoo. 2005. Seed Germination and Dormancy Breaking Techniques for *Ferula gummosa* and *Teucrium polium*. *Journal of Arid Environments*, 64(3): 542-547.

Articles Published in Refereed National Journals

- Alemardan, A., **Tabrizi**, L. and M. Shokrpour. 2022. Quantification of changes in morphophysiological and biochemical criteria of *Satureja rechingeri* Jamzad under salinity stress using nonlinear models. *Journal of Plant Production*. 29 (1), 39-59.
- Malikzad, S.A., **L. Tabrizi**, M. Delshad and E. Azizi. 2021. Effect of electrical conductivity (EC) of nutrient solution on quantitative and qualitative traits of three ecotypes of licorice (*Glycyrrhiza glabra* L.) in hydroponic culture. *Journal of Crop Production*. 14(2): 127-140.
- Heidarzadeh, A., V. Nazeri, and **L. Tabrizi**. 2021. Effect of salicylic acid application on quantitative and qualitative features of herbal plant *Ziziphora clinopodioides* Lam. under water deficit stress condition. *Iranian Journal of Horticultural Science*. 51(4): 871-887.
- Mohammadi, S., **L. Tabrizi**, M. Shokrpour, J. Hadian and H. Schulz. 2020. Study on general combining ability of morphological and phytochemical traits in different populations of *Thymus daenensis* in polycross test. *Iranian Journal of Horticultural Science*. 51(2): 295-305.
- Babalar, M., S. Mohtashami, **L. Tabrizi**, V. Rowshan and H. Mohammadi. 2020. The effect of ammonium sulfate on growth indices, morphological and phytochemical

- characteristics of summer savory (*Satureja hortensis* L. cv. Saturn). Iranian Journal of Horticultural Science. 51(2): 273-286.
- Tabrizi, L.** and E. Azizi. 2020. Investigation of the effects of biofertilizers and corm direction in soil on some saffron's agronomic traits. Journal of Saffron Research. 7(2): 311-323.
- Malmir, R., B. Motesharezadeh, **L. Tabrizi**, and F. Bekhradi. 2020. Effect of silicon sources and nano silicon on some Morphophysiologic response of *Stevia rebaudiana* Bertoni. Iranian Journal of Soil and Water Research. 51(2): 281-295.
- Hashemi, A., R. Tavakkol Afshari, **L. Tabrizi** and Sh. Barooti. 2019. The modeling of *Plantago ovata* seed viability under various storage conditions. Iranian Journal of Seed Science and Technology. 7(2): 95-104.
- Daneshvar, H., M. Babalar, M. Delshad and **L. Tabrizi**. 2018. The effect of nutrition management (inorganic and organic) on nitrate content, storability and postharvest quality of fresh-cut celery (*Apium graveolens* L.). Iranian Journal of Horticultural Science. 49(3): 635-645.
- Yavari, A., M. Shokrpour, **L. Tabrizi**, and J. Hadian. 2017. Analysis of morphological attributes in *Echinacea purpurea* L. using half sib families. Iranian Journal of Horticultural Sciences. 47(4): 617-630.
- Tabrizi, L.**, A.R. Zavvari and D. Yazdani. 2017. Response of growth and yield of Stevia (*Stevia rebaudiana* Bertoni) to planting space and harvesting time. Iranian Journal of Horticultural Sciences. 48(2):317-327.
- Gorzin, Z., H. Moravej, G. A. Nehzati Paghale, **L. Tabrizi** and A. Moradi. 2017. Effect of *Echinacea purpurea* herbal extract on immune parameters in honey bee (*Apis mellifera*). Iranian Journal of Animal Science. 48(1):101-107.
- Babalar, M., S. Mohtashemi, **L. Tabrizi** and V. Roshan. 2016. The effect of different levels of Ammonium Sulfate on photosynthesis pigments, essential oil content, yield and component of improved summer Savory (*Satureja hortensis* L. cv. Saturn). Iranian Journal of Horticultural Sciences. 47(3): 481-490.
- Koocheki, A., **L. Tabrizi**, M. Keikhah Akhar, A. Roohi. 2016. Investigation on yield and germination qualitative characteristics of seeds of black cumin (*Nigella sativa*), isabgol (*Plantago ovate*) and fennel (*Foeniculum vulgare*) under organic cultivation. Agroecology. 8(2):153-168.
- Hashemi, A., R. Tavakkol Afshari and **L. Tabrizi**. 2016. The evaluation of germination parameters and cardinal temperatures of *Plantago ovata*. Iranian Journal of Field Crop Science. 47(1): 1-7.
- Hashemi, A., R. Tavakkol Afshari, **L. Tabrizi** and Sh. Barooti. 2016. Effects of salinity on seed germination indices of blond plantain (*Plantago ovata*) at different temperatures. Iranian Journal of Field Crop Science. 47(2): 233-242.

- Tabrizi, L.,** H. Mohammadi and R. Salehi. 2015. Optimizing growth and yield of cape gooseberry (*Physalis peruviana* L.) by application of vermicompost under different plant densities. *Journal of Crop Improvement*. 17(4):989-1001.
- Tabrizi, L.,** F. Dezhbon, Y. Mostofi and M. Moridi. 2015. Variability of physical and phytochemical criteria of pot marigold (*Calendula officinalis* L.) flowers under different drying methods and plant nutrient source. *Iranian Journal of Horticultural Sciences*. 46(2):243-258.
- Tabrizi, L.,** S. Mohammadi, M. Delshad and B. Moteshare Zadeh. 2015. The Effect of Arbuscular Mycorrhizal Fungi on Growth and Yield of Rosemary (*Rosmarinus officinalis* L.) Under Lead and Cadmium Stress. *Environmental Science Journal*. 13(2):37-48.
- Tabrizi, L.** and A. Koocheki. 2015. Effect of organic inputs on organic seed production of pot marigold (*Calendula officinalis* L.). *Iranian Journal of Seed Science and Technology*. 4(2):81-96.
- Mohammadi, H., **L. Tabrizi** and R. Salehi. 2014. Effect of different ratio of vermicompost in growth media on seedling development of gooseberry (*Physalis peruviana* L.). *Iranian Journal of Horticultural Sciences*. 45(4):383-390.
- Tabrizi, L.,** P. Amini and K. Khoshbakht. 2014. Assessing production systems and biodiversity of medicinal plants in agroecosystems of Qazvin Province. *Agroecology*. 6(4):880-890.
- Mohammadi, S., **L. Tabrizi**, M. Delshad and B. Moteshare Zadeh. 2013. Investigation of growth and yield of pot marigold (*Calendula officinalis* L.) under arbuscular mycorrhizal fungi symbiosis and heavy metals stress conditions. *Journal of Agroecology*. 3(2):48-59.
- Hatari, Z., Z. Zamani, V. Nazeri and **L. Tabrizi**. 2013. Evaluation of genetic diversity in the medicinal plant (*Ziziphora tenuior* L.) using morphological characteristics and RAPD markers. *Modern Genetics Journal*. 8 (1(32)): 19-28.
- Koocheki, A., **L. Tabrizi**, A. Amin Ghafouri and S. Khorramdel. 2013. Evaluation of growth characteristics and yield of saffron (*Crocus sativus* L.) by application of organic planting beds and different sowing methods. *Journal of Agroecology*. 2(2):16-30.
- Ghalegolab behbahani, A., K. Khoshbakht, **L. Tabrizi**, A. Davari, H. veisi. 2013. A comparative assessment of agrobiodiversity indices in farms, gardens and home gardens (Case study of Jajrood Basin). *Agroecology*. 5(2): 161-168.
- Hatari, Z., Z. Zamani, V. Nazeri and **L. Tabrizi**. 2012. Genetic diversity evaluation of a medicinal plant (*Ziziphora tenuior* L.) of Iran, using RAPD molecular markers. *Iranian Journal of Horticultural Sciences*. 43(3):337-344.
- Tabrizi, L.,** F. Dezhbon, Y. Mostofi and M. Moridi. 2011. Study on the effect of organic inputs on growth, yield and quality characteristics of pot marigold (*Calendula officinalis* L.). *Journal of Agroecology*. 1(2): 34-51.

- Koocheki, A., **L. Tabrizi**, M., Jahani and A.A, Mohammad abadi. 2011. An evaluation of the effect of saffron (*Crocus sativus* L.) corm planting rate and pattern on the crop's performance. Iranian Journal of Horticultural Sciences. 42 (4): 379-391.
- Koocheki, A., M., Jahani, **L. Tabrizi** and A.A, Mohammad Abadi. 2011. Investigation on the Effect of Biofertilizer, Chemical Fertilizer and Plant Density on Yield and Corm Criteria of Saffron (*Crocus sativus* L.). Journal of Water and Soil. 25(1): 196-206.
- Koocheki, A., **L. Tabrizi** and R. Ghorbani. 2008. Effect of Biofertilizers on Agronomic and Quality Criteria of Hyssop (*Hyssopus officinalis*). Iranian Journal of Field Crops Research. 6(1): 127-137.
- Tabrizi, L.**, A. Koocheki, M. Nassiri Mahallati and P.Rezvani Moghaddam. 2007. Germination Behaviour of Cultivated and Natural Stands Seeds of Khorasan Thyme (*Thymus transcaspicus* Klokov) with Application of Regression Models. Iranian Journal of Field Crops Research. 5(2): 249-257.
- Nassiri Mahallati, M., A. Koocheki, Z. Boroumand Rezazadeh and L. Tabrizi. 2007. Effects of Corm Size and Storage Period on Allocation of Assimilates in Different Parts of Saffron Plants (*Crocus sativus* L.). Iranian Journal of Field Crops Research. 5(1): 155-166.
- Koocheki, A., M. Nassiri Mahallati, L. Tabrizi, G. Azizi and M. Jahan. 2006. Assessing Species and Functional Diversity and Community Structure of Weed in Wheat and Sugar beet in Iran. Iranian Journal of Field Crops Research. 4(1): 105-129.
- Koocheki, A., **L. Tabrizi** and M. Nassiri. 2004. Organic Cultivation of *Plantago ovata* and *Plantago psyllium* in Response to Water Stress. Iranian Journal of Field Crops Research. 2(1): 67-78.
- Tabrizi, L.**, M. Nassiri and A. Koocheki. 2004. Investigations on the Cardinal Temperature for Germination of *Plantago ovata* and *Plantago psyllium*. Iranian Journal of Field Crops Research. 2(2): 143-150.

Articles Published in National and International Proceedings

- Khosravi, S., **L. Tabrizi**, M. Shokrpour and M. Babalar. 2022. Response of Hydroponically Grown Licorice (*Glycyrrhiza glabra* L.) to Different Concentrations of Calcium and Magnesium. In: 9th National Congress on Medicinal Plants. June, 15-16. Tehran, Iran.
- Naghavi, M., **L. Tabrizi**, V. Nazeri and M. B. Farhangi Rasti. 2022. Growth Response of Licorice (*Glycyrrhiza glabra* L.) to Lead Contamination by Application of Biological Amendments and Silicon. In: 9th National Congress on Medicinal Plants. June, 15-16. Tehran, Iran.
- Goudarzi, T., **L. Tabrizi**, H. Alikhani, V. Nazeri and F. Najafi. 2022. Isolation and Identification of Plant Growth Promoting Rhizospheric and Endophytic Bacteria from Natural Habitat of Licorice (*Glycyrrhiza glabra* L.). In: 9th National Congress on Medicinal Plants. June, 15-16. Tehran, Iran.

- Tabrizi, L.,** S. A. Malikzad, M. Delshad and E. Azizi. 2022. Growth Performance of Three Ecotypes of Licorice (*Glycyrrhiza glabra* L.) Under Electrical Conductivity (EC) of Nutrient Solution in Hydroponic Culture. In: 9th National Congress on Medicinal Plants. June, 15-16. Tehran, Iran.
- Tabrizi, L.** and A. Fakhrianpoor. 2022. Optimizing Vegetative Propagation of Licorice (*Glycyrrhiza glabra* L.) by Application of Different Planting Media. In: 9th National Congress on Medicinal Plants. June, 15-16. Tehran, Iran.
- Lakzaei, M., **L. Tabrizi** and B. Motesharezadeh. 2019. Growth Performance of Licorice (*Glycyrrhiza glabra* L.) Ecotypes by Application of Mycorrhizal Fungi under Heavy Metals Stress. In: 8th National Congress on Medicinal Plants. April, 24-25. Tehran, Iran.
- Hosseini khalili, S.R., **L. Tabrizi**, Y. Mostofi. 2019. Postharvest quality of Jujuba (*Ziziphus jujuba* Miller.) as affected by harvesting time and edible coatings. In: 8th National Congress on Medicinal Plants. April, 24-25. Tehran, Iran.
- Mohammadi, S., **L. Tabrizi**, M. Shokrpour, J. Hadian, D. Riewe and H. Schulz. 2019. Interspecific hybridization of *Thymus vulgaris* and *Thymus daenensis* for superior hybrids generation. In: 8th National Congress on Medicinal Plants. April, 24-25. Tehran, Iran.
- Tabrizi, L.** and R. Hajiebrahimi. 2019. Rooting performance of Stevia (*Stevia rebaudiana* Bertoni) as affected by stem cutting type and growing media. In: 8th National Congress on Medicinal Plants. April, 24-25. Tehran, Iran.
- Tabrizi, L.,** Jahangiri H. and Motesharezadeh. 2018. Investigation of phytochemical characteristics of Chia (*Salvia hispanica* L.) by application of different fertilizers and plant density. In: 7th National Congress on Medicinal Plants. May, 12-14. Shiraz, Iran.
- Babakoohi Gh., **Tabrizi L.,** Soltani F. and Shaltooki M. 2018. Effect of plant growth regulators on flowering behaviour of *Cucurbita pepo* var. *styriaca*. In: 7th National Congress on Medicinal Plants. May, 12-14. Shiraz, Iran.
- Najafi, F., **Tabrizi, L.,** Rezaadust, H., Talebi, E., Amirshahi, M. and Raisi, A. 2018. Domestication and cultivation practices of Liquorice (*Glycyrrhiza glabra* L.) in Iran. In: 7th National Congress on Medicinal Plants. May, 12-14. Shiraz, Iran.
- Tabrizi, L.** and E. Azizi. 2018. Effects of biofertilizers and corm direction in soil on saffron's flower criteria. In: 5th National saffron congress. November, 14-15. Torbat Heydariyeh, Iran.
- Azizi, E. and **L. Tabrizi.** 2018. Effects of biofertilizers and corm direction in soil on saffron's corm characteristic. In: 5th National saffron congress. November, 14-15. Torbat Heydariyeh, Iran.
- Mohammadi, S., **L. Tabrizi**, M. Shokrpour and J. Hadian. 2017. Evaluation of growth and yield of different ecotypes of thyme (*Thymus* spp.) In order to select superior genotypes. In: 1th International Horticultural Science Congress. September, 4-7. Tehran, Iran.

- Malmir, R., B. Moteshrezadeh and **L. Tabrizi**. 2017. The effect of different silicon sources on P, K and Si contents of Stevia. In: 15th Iranian Soil Science Congress. August, 28-30. Isfahan, Iran.
- Malmir, R., B. Moteshrezadeh and **L. Tabrizi**. 2017. Effect of silicon sources and nano silicon on some morpho-physiologic responses of Stevia. In: 4th Congress on Nanotechnology in Agriculture. July, 4-5. Karaj, Iran.
- Talebi, E., F. Najafi, **L. Tabrizi** and H. Rezadoost. 2017. Investigation of morphological and yield variation of some licorice populations grown in Iran. In: 6th National Congress on Medicinal Plants. May, 9-10. Tehran, Iran.
- Tabrizi, L.**, M. Saeidi, and H. Mohammadi. 2017. Investigation of seedling growth of gooseberry (*Physalis peruviana* L.) by application of different organic growth media. In: 6th National Congress on Medicinal Plants. May, 9-10. Tehran, Iran.
- Tabrizi, L.**, H. Jahangiri and B. Motasharezadeh. 2017. Response of Chia (*Salvia hispanica* L.) to different nutrient inputs and plant density. In: 6th National Congress on Medicinal Plants, May, 9-10. Tehran, Iran.
- Shaltouki, M., V. Nazeri, M. Shokrpour, and **L. Tabrizi**. 2017. Evaluation of different ecotypes of *Ziziphora clinopodioides* based on morphological traits. In: 6th National Congress on Medicinal Plants. May, 9-10. Tehran, Iran.
- Shokrpour, M., S. Rezaei, A. Yavari, **L. Tabrizi**, and H. Noory. 2017. Selection of superior genotypes of *Echinacea purpurea* L. by analysis of general combining ability in half sib families under drought stress condition. In: 6th National Congress on Medicinal Plants. May, 9-10. Tehran, Iran.
- Mohammadi, S., **L. Tabrizi**, M. Shokrpour, J. Hadian, and F. Aghaei. 2017. Identifying of male sterile genotypes and its importance in breeding of different ecotypes of *Thymus* spp. plants. In: 6th National Congress on Medicinal Plants. May, 9-10. Tehran, Iran.
- Koocheki, A., Azizi, E., **Tabrizi, L.** and Bakhshaei, S. 2016. The feasibility of using different species of medicinal plants in landscape. In: 5th National Congress on Medicinal Plants, May 18, 19. Isfahan- Iran. P. 315.
- Azizi, E., **Tabrizi, L.**, Bakhshaei, S. and Mirbolook, A. 2016. The investigation of rhizosphere traits of two species of Fabaceae family. In: 5th National Congress on Medicinal Plants, May 18, 19. Isfahan- Iran. P. 253.
- Rahimi Jokandan, H., Shokrpour, M. and **Tabrizi, L.** 2015. Evaluation of vegetative and corm yield of Saffron (*Crocus sativus* L.) in Talesh region of Guilan province. In: 4th National Congress on Medicinal Plant., May 12, 13, Tehran- Iran. P. 70.
- Eskandari, N., Salami, A., **Tabrizi, L.** and Shokrpour, M. 2015. Somatic embryogenesis in *Cannabis sativa* L.: A preliminary experiment towards transgenic cannabis. In: 4th National Congress on Medicinal Plant., May 12, 13, Tehran- Iran. P. 149.
- Tabrizi, L.**, Zavvari, A. and Yazdani, D. 2015. Growth and yield of Stevia (*Stevia rebaudiana* Bertoni): effect of plant density and harvesting time. In: 4th National Congress on Medicinal Plant., May 12, 13, Tehran- Iran. P. 308.

- Tabrizi, L.**, Mahdipour, M. and Azizi, E. 2015. Growth and yield performance of prewinkle (*Catharanthus roseus* L.) under defoliation stress and organic inputs application. In: 4th National Congress on Medicinal Plant., May 12, 13, Tehran- Iran. P. 309.
- Tabrizi, L.**, Rasooli, Z. and Yazdani, D. 2015. The effect of organic fertilizers and propagation method on growth and yield of Stevia (*Stevia rebaudiana* Bertoni). In: 4th National Congress on Medicinal Plant. May 12, 13, Tehran- Iran. P. 310.
- Tabrizi, L.**, Zavvari, A. and Yazdani, D. 2015. Effect of plant density and harvesting time on growth characteristics of Stevia (*Stevia rebaudiana* Bertoni). In: 9th Iranian Horticultural Congress. January 25-28. Ahwaz, Iran.
- Tabrizi, L.**, Mahdipour, M. and Azizi, E. 2015. Effect of organic inputs and defoliation stress on root characteristics of *Catharanthus roseus*. In: 9th Iranian Horticultural Congress. January 25-28. Ahwaz, Iran.
- Gorzin, Z., Nehzati Paghaleh, Gh., Moravej, H. and **Tabrizi, L.** 2015. Study of *Echinacea purpurea* herbal extract in honey bee (*Apis Mellifera*) nutrition and its effects on the immune system. In: 4th National Congress on Medicinal Plants. May 12, 13, Tehran- Iran. P. 357.
- Tabrizi, L.** and A. Koocheki. 2014. Seed quality evaluation of pot marigold (*Calendula officinalis* L.) by application of organic inputs. In: 13 Iranian Crop Sciences Congress & 3rd Iranian Seed Science and Technology Conference. August 24-26, Karaj, Iran.
- Tabrizi, L.**, H. Mohammadi and R. Salehi. 2014. Effect of planting density and vermicompost on growth and yield of Gooseberry (*Physalis peruviana* L.). In: 13 Iranian Crop Sciences Congress & 3rd Iranian Seed Science and Technology Conference. August 24-26, Karaj, Iran.
- Tabrizi, L.**, A. Koocheki, P. Amini and S. Mohammadi. 2014. Investigation on species diversity and ethnobotany of Neglected medicinal vegetables in Iran: a case study of their supplied market in Tehran and Karaj. In: 3rd National Congress on Medicinal Plants. May 14-15. Mashhad, Iran. P. 422.
- Tabrizi, L.** and S.A. Moosavi Isfahani. 2014. Evaluation of knowledge, insight and preference of people to medicinal plants application in Qom city. In 3rd National Congress on Medicinal Plants. May 14-15, Mashhad, Iran. P. 421.
- Koocheki, A., **L. Tabrizi**, G. Azizi and S. Bakhshaei. 2014. The effect of some medicinal plants on weed density and diversity. In: 3rd National Congress on Medicinal Plants. May 14-15. Mashhad, Iran. P. 500.
- Mohammadi, S., **L. Tabrizi**, M. Delshad and B. Motesharezadeh. 2014. Yield and phytochemical content of pot marigold (*Calendula officinalis* L.) under symbiosis with arbuscular mycorrhizal fungi and heavy metals stress. In: 3rd National Congress on Medicinal Plants. May 14-15. Mashhad, Iran. P. 594.
- Tabrizi, L.** 2014. Investigation of Indigenous medicinal vegetables as a novel source of natural antioxidants. In: 17th International Conference of FFC, Discovery, Utilization

- and Control of Bioactive Components and Functional Foods. November 18-19. San Diego, California, USA. 30-32.
- Tabrizi, L.**, S. Mohammadi, M. Delshad and B. Motesharezadeh. 2013. Variability of photosynthetic pigments in rosemary (*Rosmarinus officinalis* L.) under arbuscular mycorrhizal fungi symbiosis and heavy metals stress. In: 2nd National Congress on Medicinal Plants. May 15-16. Tehran, Iran. P. 1228.
- Mohammadi, S., **L. Tabrizi**, M. Delshad and B. Motesharezadeh. 2013. Influence of arbuscular mycorrhizal fungi on occurrence time of generative growth and chlorophyll content of pot marigold (*Calendula officinalis* L.) under heavy metals stress. In: 2nd National Congress on Medicinal Plants. May 15-16. Tehran, Iran. P. 1249.
- Eslami, E., **L. Tabrizi** and R. Salehi. 2013. Effect of foliar application of humic acid and pollen type on quantitative and qualitative criteria of medicinal pumpkin (*Cucurbita pepo* var. *styriaca*). In: 2nd National Congress on Medicinal Plants. May 15-16. Tehran, Iran. P. 1291.
- Koocheki, A., **L. Tabrizi**, G. Azizi and S. Bakhshaei. 2013. Investigation of medicinal species effect on insect density and diversity. In: 2nd National Congress on Medicinal Plants. May 15-16. Tehran, Iran. P. 1383.
- Tabrizi, L.** Z. Salkhordeh and M. H. Shirzadi. 2013. Evaluation on performance of *Mentha piperita* by application of organic and biological inputs under organohumic planting bed. In: 2nd National Congress on Medicinal Plants. May 15-16. Tehran, Iran. P. 1451.
- Eslami, E., **L. Tabrizi** and R. Salehi. 2013. Investigation on the effect of pollen type and foliar application of humic acid on quantity of medicinal pumpkin (*Cucurbita pepo* var. *styriaca*). In 8th Iranian Horticultural Congress. August 26-29, Hamedan, Iran.
- Mohammadi, S., **L. Tabrizi**, A. Alemardan and M., Moradi. 2012. Germination behavior of *Arctium lappa* seeds under different chemical and physical treatments. National Congress of Medicinal Plants. May 15-16. Kish, Iran. P.457.
- Amini Kordkandi, P., **L. Tabrizi** and K. Khoshbakht. 2012. Evaluation of saffron production potential in West-North of Iran: a case study of Qazvin province. In: 4th International Saffron Symposium: Advances in Saffron Biology, Technology and Trade. October 22-25. Kashmir, India. P.46.
- Tabrizi, L.**, A. Koocheki, M. Yusefi and Y. Aghaei. 2012. Effect of site specific application of Nitroxin biofertilizer and sowing depth on saffron (*Crocus sativus* L.) production. In: 4th International Saffron Symposium: Advances in Saffron Biology, Technology and Trade. October 22-25. Kashmir, India. P.59.
- Najafi, F., M. Mahdavi Damghani, **L. Tabrizi** and S. Nejad Ebrahimi. 2012. Effect of biofertilizers on growth yield and essential oil content of Thyme (*Thymus vulgaris* L.) and Sage (*Salvia officinalis* L.). National Congress of Medicinal Plants. May 15-16, Kish, Iran. P.457.

- Tabrizi, L., A. Koocheki, P. Rezvani Moghaddam and M. Nassiri Mahallati.** 2012. Ethnobotanical investigation of khorasan thyme (*Thymus transcaspicus* Klovov) in Iran. In: 13th Congress of the International Society for Ethnopharmacology. September 2-6. Graz, Austria. P. 73.
- Koocheki, A., **L. Tabrizi**, A. Amin Ghafouri and S. Khorramdel. 2012. Evaluation of growth characteristics and yield of saffron (*Crocus sativus* L.) by application of organic planting beds and different sowing methods. In: 4th International Saffron Symposium: Advances in Saffron Biology, Technology and Trade. October 22-25. Kashmir, India. P.56.
- Nazeri, V., F. Naseri and **L. Tabrizi**. 2011. Evaluation of different treatments for dormancy breaking and seed germination of *Heracleum persicum* populations. In: 7th National Congress of Iranian Horticultural Sciences. September 3-6, Isfahan, Iran. Pp.1-5.
- Dezhaboun, F., **L. Tabrizi**, Y. Mostofi and M. Moridi Farimani. 2011. Agronomic performance of pot marigold (*Calendula officinalis*) under organic fertilizer application. In: International Symposium on Medicinal and Aromatic Plants. December 15-18. Chiang Mai, Thailand. P. 68.
- Ladoni, L., **L. Tabrizi**, A. Asgharzadeh, M. Bigdeli and M. Mirjalili. 2011. Sustainable nutrient management of borage (*Borago officinalis*) by manure and biofertilizer application. In: International Symposium on Medicinal and Aromatic Plants. December 15-18. Chiang Mai, Thailand. P. 53.
- Tabrizi, L., A. Koocheki, P. Rezvani Moghaddam, M. Nassiri Mahallati and M. Bannayan.** 2011. Cultivation of Khorasan thyme (*Thymus transcaspicus* Klovov) under low input cropping system. In: 17th IFOAM OWC 2011. September 26-October 5. Gyeonggi Paldang, South Korea. Pp. 344-347.
- Tabrizi, L.** 2010. Prospects and challenges of organic production of medicinal and aromatic plants in Iran. In: National Congress on Organic Agriculture. Oct. 14. The Academy of Sciences. Tehran, Iran.
- Dezhaboun, F., **L. Tabrizi** and L. Ladoni. 2010. Application of medicinal plants potentials in agrohomoepathy. National Symposium on Medicinal Plants. National Symposium on Medicinal Plants. February 28-29. Sary, Iran. P.5.
- Naseri, F., V. Nazeri and **L. Tabrizi**. 2010. Evaluation of morphological variation within some *Heracleum persicum* populations based on generative criteria. National Symposium on Medicinal Plants. February 28-29. Sary, Iran. P. 10.
- Zand, E. and **L. Tabrizi**. 2010. Climate change and Weed. In: National Congress on Effects of Climate Change on Iran Agriculture & Natural Resources. May 20. The Academy of Sciences, Tehran, Iran.
- Koocheki, A., M., Jahani, **L. Tabrizi**, A.A, Mohammad Abadi and M. Jahan. 2009. Effects of biofertilizer and inorganic fertilizer on generative growth and yield of saffron (*Crocus sativus* L.) under high corm density. In: 3th International Symposium on Saffron

- Forthcoming Challenges in Cultivation Research and Economics. May 20-23. Krokos, Kozani, Greece. P.14.
- Koocheki, A., **L. Tabrizi**, M., Jahani, A.A, Mohammad Abadi and A.M. Mahdavi Damghani. 2009. Performance of saffron (*Crocus sativus* L.) under different planting patterns and high corm density. In: 3th International Symposium on Saffron Forthcoming Challenges in Cultivation Research and Economics. May 20-23. Krokos, Kozani, Greece. P.50.
- Tabrizi, L.**, A. Koocheki and R. Ghorbani. 2008. Effects of biofertilizers on agronomic criteria of Hyssop (*Hyssopus officinalis*). In: Proceedings of 16th IFOAM WORLD Congress. Jun 18-20. Modena, Italy.
- Tabrizi, L.** A.M. Mahdavi Damghani and B. Kamkar. 2008. Sustainable nutrient management of Marjoram (*Origanum majorana* L.) through biofertilizer and manure application. In: Proceedings of Tropentag. Competition for Resources in a Changing World: New Driver for Rural Development. October 7-9. University of Hohenheim, Stuttgart, Germany.
- Mahdavi Damghani, A.M., **L. Tabrizi** and B. Kamkar. 2008. Application of N and P biofertilizers in sustainable nutrient management of Savory (*Satureja hortensis* L.). In: Proceedings of Tropentag. Competition for Resources in a Changing World: New Driver for Rural Development. October 7-9. University of Hohenheim, Stuttgart, Germany.
- Khajeh-Hosseini, M., **L. Tabrizi**, G. Aziz and M. Jahan. 2007. Development of dormancy breaking treatments to enable germination testing of seeds of medicinal plants grown in Iran. In: Proceedings of 28th ISTA Congress. May 5-11. Iguassu Falls, Brazil.
- Tabrizi, L.** 2007. Sumac: An underutilized plant in rural communities of Khorasan. *Planta Medica*. 73 (9): 612.
- Nassiri Mahallati, M.; **Tabrizi, L.**; Azizi, G. And M. Jahan. 2008. Assessing species and functional diversity and community structure for weeds sugar beet in Iran. 2nd Iranian Weed Science Congress. January 29-30, Mashhad, Iran.
- Nadjafi, F., A. Koocheki, P. Rezvani Moghaddam and **L. Tabrizi**. 2006. Ethnopharmacology of *Nepeta binaludensis* Jamzad a Highly Threatened Medicinal Plant of Iran. In: Proceeding of the 1th International Conference on Traditional Medicine and Materia Medica in Medieval Manuscripts. June 12-14, 2006. Baku, Azerbaijan.
- Koocheki, A., M. Nassiri, Z. Boroumand Rezazadeh and **L. Tabrizi**. 2006. Effects of corm size with and without storage on allocation of assimilate in different parts of saffron plant. In: Proceedings of 2th International Symposium on Saffron Biology and Technology. October 28-30. Mashhad, Iran.
- Tabrizi, L.**, A. Koocheki and M. Nassiri. 2003. The Effects of Water Stress and Manure on Yield and Yield Components of Psyllium. In: Proceeding of the 3rd World Congress on Medicinal and Aromatic Plants for Human Welfare. February 3-7, 2003. Chiang Mai, Thailand.

Books Published

Books Translated to Persian

Organic Field Crop Handbook. J. Wallace. 2005. Canadian Organic Growers Publication.; 2nd Edition.

Field and Laboratory Investigations in Agroecology. S. Gliessman, 2010. CRC Press.

Agroecosystems in Changing Climate. P. Newton and et al. 2010. CRC Press.

Book Chapters

Tabrizi, L. 2013. Farming Systems. In: Sustainable Crop Production. A. Koocheki, E. Zand and A. Mahdavi Damghani (Ed.). University Publication Center (Markaz-e- Nashre Daneshgahi Press).

Tabrizi, L. 2014. Biodiversity and Sustainable Utilization of Medicinal Plants. In: Medicinal Plants: Ecology, Production and Sustainable Utilization. L. Tabrizi and A. Koocheki (edt.), University of Tehran Publication.

Tabrizi, L. 2014. Medicinal Plants in Multiple Cropping Systems. In: Medicinal Plants: Ecology, Production and Sustainable Utilization. L. Tabrizi and A. Koocheki (edt.), University of Tehran Publication.

Book Editor

Tabrizi, L. and Koocheki, A. 2014. Medicinal Plants: Ecology, Production and Sustainable Utilization. University of Tehran Publication. 441 P.

RESEARCH PROJECTS COLLABORATIONS

- Sustainable management of nutrient in organic production of two medicinal plant species (*Satureja hortensis* and *Origanum majorana*) through use of biofertilizers. With: Environmental Sciences Research Institute of Shahid Beheshti University
- Effect of Biofertilizers on growth, yield and quality criteria of two medicinal plants species (*Thymus transcaspicus* and *Hyssopus officinalis*). With Center of Excellence for Special Crops Ferdowsi University of Mashhad.
- Autecological studies of Sumac (*Rhus coriaria*) in natural ecosystem in Khorasan. With Center of Excellence for Special Crops Ferdowsi University of Mashhad.
- Effect of water stress on quantity and quality criteria of some medicinal plants under climatic conditions of Khorasan. With Center of Excellence for Special Crops Ferdowsi University of Mashhad.
- Investigation of seed germination and dormancy breaking in two medicinal plants: *Ferula gummosa* and *Teucrium polium*. With Center of Excellence for Special Crops Ferdowsi University of Mashhad.
- Investigation of relationship between corm size and the pattern of allocation of assimilate in different parts of saffron (*Crocus sativus*). With Center of Excellence for Special Crops Ferdowsi University of Mashhad
- Study of seed germination properties and dormancy breaking of 36 medicinal and aromatic plants. With Center of Excellence for Special Crops Ferdowsi University of Mashhad

Investigation on the effect of planting patters and high plant density on yield and corm behavior of *Crocus sativus* L. With Center of Excellence for Special Crops Ferdowsi University of Mashhad.

Investigation on the effect of biofertilizer, chemical fertilizer and high plant density on Yield and corm criteria of Saffron (*Crocus sativus* L.). With Center of Excellence for Special Crops Ferdowsi University of Mashhad.

Effects of organic inputs and plant density in organic seed production of *Nigella sativa*, *Plantago ovata* and *Trachyspermum ammi*. With Center of Excellence for Special Crops Ferdowsi University of Mashhad.

Investigation on functional diversity of some medicinal plant species in agroecosystems. With Center of Excellence for Special Crops Ferdowsi University of Mashhad.

Sustainable management of nutrients in cultivation of *Melissa officinalis*, *Thymus vulgaris* and *Salvia officinalis* with application of biofertilizers. With Medicinal Plants Research Institute of Shahid Beheshti University.

TEACHING WORKSHOPS ATTENDED

Effective Communication with Students. 2011.

Teaching Experts. 2010

UNIVERSITY SERVICE

2015- 2018 Associate Dean, Department of Horticultural Science, University of Tehran

2013- 2018 Graduate Student Coordinator, Department of Horticultural Science, University of Tehran

MEMBERSHIPS

- Member of German Research Society for Medicinal and Aromatic Plants.
- Member of Iranian Research and Development Institute of Medicinal and Aromatic Plants.
- Member of Iranian Society of Ecological Agriculture.

SEMINARS/WORKSHOPS PRESENTATIONS

- First National Workshop on Organic Farming, Feb. 2005, Tehran, Iran.
- Second International Symposium on saffron, Oct. 2006, Mashhad, Iran
- Second National Congress on Agroecology, Oct. 2007, Gorgan, Iran.
- First Workshops on Agroecological systems: Simulation & Modeling, May 2008, Tehran, Iran.
- First National Workshop on Organic Production and Processing, Jun 2010, Mashhad, Iran.
(**Present a lecture** on National Standards for Organic Wild Harvest Products)

- e-Learning Course on Good Agricultural Practices and GLOBALGAP for Greater Market Access for Agrifood Products, Phase 1: (26–28 October 2010). (Implemented by Asian Productivity Organization:APO)
- First National Workshop on Organic Production of Medicinal Plants, Jun 2011, Tehran, Iran.
- Medicinal Plants Production and Industry, February 2014, Karaj, Iran.
- Workshop on Advanced Training Course on Certification of Organic Products, 20-24 August 2016, Tehran, Iran. (Implemented by Asian Productivity Organization: APO).