

1- Personal Information

First name: Majid

Sur name: Aghaalikhani

Date of birth: July 30th, 1967

Place of birth: Tehran, IRAN

Marriage status: Married, (I have Two kids)

Postal address: Department of Agronomy, College of Agriculture, Tarbiat modrres University, Tehran, Iran

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2- Educational background

B. Sc.: Agronomy and plant Breeding, Ferdowsi Univ. Mashhad, Iran, 1990.

M.Sc.: Agronomy, Tarbiat Modarres Univ. Tehran, Iran 1993.

Ph.D: Agronomy, Crop Ecophysiology, Tarbiat Modarres Univ., Tehran, 2001.

- Ranked First among all agronomy students of Ferdowsi University (Classmates) in 1990.
- Winner of best student prize for excellent efforts in research and education during Master, Tarbiat Modares University, 1993.
- Ranked First among all Ph.D. student of agronomy (Classmates), Tarbiat Modares University, 2001.
- Winner of best Ph.D. dissertation prize for agriculture students, Tarbiat Modares University.
- Winner of best researcher prize in Tarbiat Modares University, 2001 & 2011.

3- Work Experience

Member of Jihad of Agriculture, (1986- 1990).

Head of plant management unit, Jihad of agriculture, branch of Tehran (1990-1992).

Instructor, Department of Agronomy, Tarbiat Modares University (1993-1996).

Lecture (part time) Islamic Azad University, Karaj and Shahr-e-Rey branches (1993-1996)

Assistant professor, Department of Agronomy, Tarbiat Modares University (2001-2011).

Associate Professor, Department of Agronomy, Tarbiat Modares University (Since 2011).

Secretary in charge, Research, Technology and Education Committee of Agriculture and natural Resources Organization of Tehran Province (2003-2006).

Head of Meteorological station, Tarbiat Modares University (2004-2005).

General manager of Exam and Education office, Tarbiat Modares University (2005-2008).

General Manager of Research and laboratories, Tarbiat Modares University (2008-2010).

Head of Agronomy department, Tarbiat Modares University (Since 2014).

Crop Science Dep. University of Guelph, Ontario, CANADA, 2000.

Effects of photoperiod, light intensity and quality on the rate of development and dry

matter accumulation of redroot pigweed(*Amaranthus retroflexus* L.). Under supervision of Dr. Mathijs Tollenaar,(Prof. of Crop Physiology) and Dr. Clarence J. Swanton (Head of Weed Science Department).

5- Workshops

Internet application in Academic Research and Education (Advanced),(24 and 25th September, 2002). Tarbiat Modares University, Tehran, Iran

Internet application in Academic Research and Education (Preliminary),(8 and 9th September, 2002). Tarbiat Modares University, Tehran, Iran

Fifth workshop on Instructional Skills(Methods and Techniques of Teaching) . (July, 1st ,2002). Tarbiat Modares University, Tehran, Iran

First workshop on ORGANIC FARMING (Feb. 27th, 2002). Shahid Beheshti University, Tehran, Iran.

Fourth workshop on Teaching Method. (Jan. 27 and 28th, 2002). Tarbiat Modares University, Tehran, Iran.

First workshop on Research method.(September,16th ,2001).Tarbiat Modares University, Tehran ,Iran.

Second congress of plant chilling and frost in Iran,(March,10-12,2001).Ministry of Agriculture, Tehran, Iran.

6- Membership of scientific societies

Iranian Society of Crops and Plant Breeding Sciences (since 1994).

American Society of Agronomy

European Weed Research society (EWRS), (2010-2013).

American Society of Agronomy (ASA), (1987-1994; 2010-2012).

Board of directors, Iranian Society of Crops and Plant Breeding Sciences (2004-2005).

Iranian Society of Weed science (Since 2002).

Iranian engineering organization of Agriculture and Natural Resource (Since 2002).

Horticultural and Agronomic commission, University of Applied Science and Technology (2004-2007)

Faculty staff preferment commission of Jihad of Agriculture

Reviewer of Iranian scientific publications, Ministry of science, research and technology, (Agriculture commission),

7- Journal Review

Seed and Plant Improvement Journal
Iranian Journal of Field Crop Science
Iranian Journal of Crop Science
Agricultural Science and Industries
Journal of Iranian Field Crop Research
Scientific Journal of Agriculture
Pajouhesh Va Sazandgi Journal
Journal of Research in Agricultural Science
Journal of science and technology in Agriculture
Desert
Iranian Journal of Weed Science
Iranian Journal of Medical and Aromatic Plants
Journal of Nuclear Science and Tehnology
Agroecology journal

8- Research Interests

- Crop Ecology
- Weed ecophysiology
- Intercropping
- Sustainable Agriculture
- Medicinal Plant Production
- Forage Crops Agronomy

9- Original Research Articles (in scientific Journals)

Gholamhoseini, M., **AghaAlikhani, M.**, Modarres Sanavy, S.A.M., Mirlatifi, S.M. and Zakikhani, H. (2013) Response of Corn and Redroot Pigweed to Nitrogen Fertilizer in Different Irrigation Regimes. *Agronomy Journal*, 105(4):1107-1118. (ISI, IF: 1.794).

Gholamhoseini, M., **AghaAlikhani, M.**, Modarres Sanavy, S.A.M. and Mirlatifi, S.M. (2013). Interactions of irrigation, weed and nitrogen on corn yield, nitrogen use efficiency and nitrate leaching. *Agricultural Water Management*, 126(2013):9-18. . (ISI, IF: 1.998)

AghaAlikhani, M., Kazemi- Poshtmasari, H. and Habibzadeh, F. (2013). Energy use pattern in rice production: A case study from Mazandaran province, Iran. *Energy Conversion and management*, 69(2013):157-162. (ISI, IF: 2.216)

AghaAlikhani, M., Iranpour, A., Naghdi Badi, H., (2013). Changes in Agronomical and Phytochemical Yield of Purple Coneflower (*Echinacea purpurea* (L.) Moench) Under Urea and Three Biofertilizers Application. *Journal of Medicinal Plants*. (46). 122-138.

SoufiZadeh, S., **AghaAliKhani, M.**, Banayan, M., Zand, A., Hugengom, G., Mosadeghmenshadi, A., (2012). Effect of nitrogen on yield and yield component of corn under competition with (*Amaranthus retroflexus*) and (*Panicum miliaceum*). *Journal of Weed Ecology*. Vol (2). 17-33.

Mokhtassi Bidgoli, A., **AghaAlikhani, M.**, Nasiri Mahallati, M., Zand, E., Gonzales-Andujar, J. L. and Azari, A. (2013). Agronomic performance, seed quality and nitrogen uptake of *Descurainia sophia* in response to different nitrogen rates and water regimes. *Industrial Crops and Products*, Vol. 44: 583-592. (ISI, IF: 2.469)

Zarei, sh., Sarajoughi, M., Mohammadi, K., Ashrafi, M. and **AghaAlikhani, M.** (2012). Interference of redroot pigweed (*Amaranthus retroflexus* L.) with soybean (*Glycine max* L.) in different fertilization systems. *Intl. J. of Bioscience*, vol 2(12):153-158.

Mirshekari, B., Reza RajabLarijani, H., **AghaAlikhani M.**, Farahvash F. and Varahram R. (2012). Evaluation of biodegradable and polyethylene mulches in sweet corn production. *Intl. J. Agr. Crop Sci.*, vol 4(20): 1540-1545.

Izadi, Z., **AghaAlikhani, M.**, Esna-Ashari, M. and Davoodi, P. (2013). Determining Chemical Composition and Antimicrobial Activity of Feverfew (*Tanacetum parthenium* L.) Essential Oil on some Microbial Strains. *Zahedan Journal of Research in Medical Sciences*, 15(6):8-13.

Ahmadi, M., **AghaAliKhani M.**, (2012). Analysis of energy used in (*Gossypium hirsutum*) in order to find best strategy for increasing efficiency of resources. *Journal of Agroecology*, Vol. 4, No. 2, p. 151-158.

Yaghoobi, S. R., Ghalavand, A., **Aghaalikhani, M.**, Zand, E., (2011). Investigation of Herbicide-Nitrogen Interaction on Wheat Yield and Yield Components in Competition with *Lepyroclis holosteoides* Fenzl. *Iranian Journal of Weed Science*, Vol (7). 13-30.

Yaghoobi, S. R., **Aghaalikhani, M.**, Ghalavand, A., Zand, E., (2011). Evaluation of Important Growth Parameters of *Lepyroclis* (*Lepyroclis holosteoides* Fenzl.) under Different Light Densities and Nitrogen Rates. Vol (7). 31-43.

Ghalavand, A., Mohamadi, Kh., **Aghaalikhani, M.**, Sohrabi, Y, Heydari, Gh., (2010). Effects of

different organic and biological fertilizers on yield and yield components of chickpea (*Cicer aritenium* L.). *Agronomy Journal* (Pajouhesh & Sazandegi) No 94 pp: 41-49.

Mokhtassi-Bidgoli, A., Navarrete, L., **AghaAlikhani, M.** and Gonzalez-Andujar, J. L. (2012). Modelling the population dynamic and management of *Bromus diandrus* in a non-tillage system. *Crop Protection* 43 (2013) 128e133

Arshad, S., Morid, S., Mobasheri, M., **AghaAlikhani, M.** and Arshad S. (2012). Monitoring and forecasting drought impact on dryland farming areas. *INTERNATIONAL JOURNAL OF CLIMATOLOGY*. Published online in Wiley Online Library (wileyonlinelibrary.com) DOI: 10.1002/joc.3577 (ISI, IF: 2.906)

Dehshiri A. and **Aghaalikhani M.** (2012). Input-output and economic analysis of soybean production in the main cultivation areas in Iran. *African Journal of Agricultural Research* Vol. 7(35), pp. 4894-4899.

Khazai, F., **Aghaalikhani, M.**, Modares sanavi, S. M. A., (2010). Nitrogen rate and plant density effect on dry matter accumulation and fresh ear yield of sweet corn. *Agronomy Journal* (Pajouhesh & Sazandegi) No:92 pp: 1-8.

Gholamhoseini, M., **Aghaalikhani**, Dolatabadian, A. M., Khodaei-Joghan, A. and Zakikhani H. (2012). Decreasing Nitrogen Leaching and Increasing Canola Forage Yield in a Sandy Soil by Application of Natural Zeolite. *Agtonomy Journal*, 104(5): 1467-1475. (ISI, IF: 2.267)

AghaAlikhani, M., Etemadi, F. and Fouman Ajirlo, A. (2012). Physiological basis of yield difference in grain sorghum (*Sorghum bicolor* (L.) Moench) in a semi-arid environment. *ARPN Journal of Agricultural and Biological Science*,7(7): 488-496.

Yaghoobi, S. R., **Aghaalikhani, M.**, (2012). Effect of critical weed period and competition of weeds on yield and yield component of Canola. *Iranian Journal of Field Crops Research*. Vol. 9, No.4, 2012, p. 659-669.

Mohammadi, K., Ghalavand, A., **Aghaalikhani, M.**, Rakhzadi, A., (2012). Effect of different soil fertizing method using organic manure, chemical and biological fertilizers on yield and quality of Canola grain. *Journal of Agroecology* Vol. 3, No. 3, Fall 2011, p. 298-308.

Mohammadi, K., Heidari, Gh., Javaheri, M., **Aghaalikhani, M.**, (2012). The Effect of Tillage and Fertilization Systems on Soil Microbial Biomass and Enzyme Activity in Sunflower Production, *Journal of Water and Soil*, Vol. 26, No. 1, p. 104-113.

Majdi, S., Barzegar, M., Jabbari, A. and **Aghaalikhani, M.** (2012). Supercritical Fluid Extraction of Tobacco Seed Oil and its Comparison with Solvent Extraction Methods. *J. Agr. Sci. Tech.* (2012) Vol. 14: 1043-1051

Gholamhoseini, M., **Aghaalikhani***, M., Khodaei-Joghan, A., Zakikhani H. and Dolatabadian, A. (2012). How zeolite controls nitrate leaching and modifies canola grain yield and quality. *Agricultural Research and Reviews* Vol. 1(4), pp. 113 - 126.

Aghaalikhani, M., Zaefarian, F., Zand, E., Rahimian Mashhadi, H. and Rezvani, M. (2009). Corn and

soybean intercropping canopy structure as affected by competition from redroot pigweed (*Amaranthus retroflexus* L.) and jimson weed (*Datura stramonium* L.). *Iranian Journal of Weed Science*, 5(2): 39-53.

Mohammadi, K., Ghalavand, A., **Aghaalikhani, M.**, Rokhzadi, A., Pasari, B., Mohammad Modares Sanavy, S.A., Eskandari, M., Javaheri, M., Heidari, G., Sohrabi, Y., (2011). Response of Canola Yield Quantity and Quality to Different Methods of Fertilization in Crop Rotation. *Journal of Agricultural Science and sustainable production*, Vol (1). 87-104

Oraki, H., Parhizkar Khajani, F. and Aghaalikhani, M. (2012). Effect of water deficit stress on prolin contents, soluble sugar, chlorophyll and grain yield of sunflower (*Helianthus annus* L.). *African Journal of Biotechnology*, 11(1): 164-168. [\(ISI\)](#)

Daryaei, F., Ghalavand, A., Sorooshzadeh, A., Chaichi, M. R. and **Aghaalikhani, M.** (2011). Effect of different fertilizing systems using green manure and zeononix on quantitative and qualitative yield of forage rape (*Brassica napus* L.) in sequential cropping system. *International Research Journal of Applied and Basic Science*, 2(1): 20-27.

AghaAlikhani, M., Gholamhoseini, M., Dolatabadian, A., Khodaei Joghhan, A. and Sadat Asilan, K. (2011). Zeolite influences on nitrate leaching, nitrogen-use efficiency, yield and yield components of canola in sandy soil. *Archives of Agronomy and Soil Science*, (2011, 1-21, iFirst article ([SCOPUS](#), [EBSCO](#), [Biological Abstract](#))

Gholamhoseini, M., **AghaAlikhani, M.**, Malakouti M. and Khodaei Joghhan, A. (2011). Influence of zeolite application on nitrogen efficiency and loss in canola production under sandy soils conditions. *Communications in Soil Science and Plant Analysis*, 43:1247-1262 .([SCOPUS](#), [EBSCO](#), [Biological Abstract](#)).

Mahdavi, B., Modarres Sanavy, S. A. M., Aghaalikhani, M., Sharifi, M. and Dolatabadian, A. (2011). Chitosan improves osmotic potential tolerance in safflower (*carthamus tinctorius* l.) seedlings. *Journal of Crop Improvement*, 25:728-741. ([Chemical abstract](#), [BioBase Indexing](#))

Moghaddasi, M., Morid, S., Araghinejad, S. and AghaAlikhani, M. (2010). Assessment of irrigationwater allocation based on optimization and equitable water reduction approaches to reduced agricultural drought losses: The 1999 Drought in the Zayandeh rud irrigation system (Iarn). *Irrig. and Drain.* 59: 377-387 ([ISI](#), [IF: 0.852](#))

Khodaei joghan, A., Ghalavand, A., Aghaalikhani, M., Gholamhoseini, M. and Dolatabadian, A. (2011). How organic and chemical nitrogen fertilizer, zeolite and combinations influence wheat yield and Grain mineral content. *J. of Crop Improvement*. 2011. DOI: 10. 1080/15427528.2011.616985. ([Chemical abstract](#), [BioBase Indexing](#))

P. Akbari, A. Ghalavand, A.M. Modares Sanavy, M. **AghaAlikhani**, S. Shoghi Kalkhoran. Comparison of different nutritional levels and the effect of plant growth promotingrhizobacteria (PGPR) on the grain yield and quality of sunflower. *Australian J. of Crop Science*, 5(12): 1570-1576. ([ISI](#), [IF: 0.899](#))

Mohammadi, Kh., Ghalavand, A., **Aghaalikhani, M.**, Heidari, Gh. and Sohrabi, Y. (2011). Introducing a sustainable soil fertility system for chickpea (*Cicer arietinum* L.). *African J. of Biotechnology*, 10(32): 6011-6020. ([ISI](#), [IF: 0.794](#))

Mohammadi, Kh., Ghalavand, A., **Aghaalikhani, M.**, Heidari, Gh., Shahmoradi, B. and Sohrabi, Y. (2011). Effect of different methods of crop rotation and fertilization on canola traits and soil microbial activity. *Australian J. of Crop Science*, 5(10): 1261-1268. (ISI, IF: 0.899)

Mohammadi, K., Pasari, B., Rokhzadi, A., Ghalavand, A., **Aghaalikhani, M.**, Eskandari, M., (2011). Response of grain yield and canola quality to different resources of farmyard manure, compost and biofertilizers in Kurdistan region. *EJCP*, Vol. 4 (2): 81-101.

Daneshkilvaei, M., Karimzadeh, Gh., **Aghaalikhani, M.** (2011). Genetic Variation and Principal Component Analysis for Morphological and Phenological Traits in some Grasspea (*Lathyrus sativus*) Genotypes. *Iranian Journal of Field Crop Science*. Vol (42). Pp 243-254.

Yaghoubi, S. R., **Aghaalikhani, M.**, Zand, E., (2011). Effect of the timing of emergence of seedling on morphological characteristics and seed production of redroot pigweed (*Amaranthus retroflexus* L.) in competition with sunflower (*Helianthus annus* L.) *Iranian Journal of Crop Sciences*. 13 (1) 32-48.

Taghoubi, S. R., **Aghaalikhani, M.**, Gholamhosseini, M., Sadatasilan, K, Doulatabadian, A., Khodaei choghan, A., Jamshidi, A., (2011). Effect of Manure Compost Enrichment with Different Amounts of Zeolite on Trifluralin Efficacy in Sunflower Weed Control under Different Irrigation Regimes. *Iranian Journal of Field Crop Science*. Vol (1). 143-156.

Karimzadeh, Gh. Danesh-Gikevaei, M. and **Aghaalikhani, M.** (2011). Karyotypic and nuclear DNA variations in *Lathyrus sativus* (Fabaceae). *CARYOLOGIA*,64(1): 42-54. (ISI, IF: 0445)

Bannayan, M., Sadeghi Lotfabadi, S., Sanjani, S., Mohammadian, A. and **Aghaalikhani, M.** (2011). Effect of precipitation and temperature on crop production variability in northeast Iran. *Int. J. Biometeorology*, 55: 387-401. (ISI, IF: 2.468)

Akbari, P., Ghalavand, A., Modarres Sanavy, A.M. and **M. AghaAlikhani** (2011). The effect of biofertilizers, nitrogen fertilizer and farmyard manure on grain yield and seed quality of sunflower (*Helianthus annus* L.). *Journal of Agricultural Technonogy* 7(1): 173-184. (Scopus)
Zand, E., Baghestani, M.A., **Aghaalikhani, M.**, Soufizadeh, S., Khayami, M. M., PourAzar, R., Sabeti, P., Veisi, M. and Bagherani, N. (2010). Chemical control of weeds in Wheat (*Triticum aestivum* L.) in Iran. *Crop Protection* 29(11):1223-1231. (ISI, IF: 1.649)

Sadeghi H., **AghaAlikhani M.**, Khazaei F. and Sharafi Nezhad M.(2010). Investigation of seed moisture content at harvest time as an empirical index for improving viability and seed vigour of two oil-seed rape cultivars. *ARPN Journal of Agricultural and Biological Science*, 5(6): 20-26.

Khazaei, F., **AghaAlikhani, M.**, Yari, L. and Khandan A.(2010). Study the correlation, regression and path coefficient analysis in sweet corn (*zea mays* var. *saccharata*) under different levels of plant density and nitrogen rate. *ARPN Journal of Agricultural and Biological Science*, 5(6): 14-19.

Vahedi, A., Vazan, S., Rahimian Mashhadi, H., **Aghaalikhani, M.** and Kashani, A. (2010). Corn (*Zea mays* L.) yield and nitrogen efficiencies as affected by different nitrogen rates and red root pigweed (*Amaranthus retroflexus* L.) densities. *Bioscience, Biotechnology Research Asia*, Vol. 7(1):93-100

Mohammadi, K., Ghalavand, A. and **Aghaalikhani, M.** (2010). Study the Efficacies of Green Manure

Application as Chickpea Pre Plant. World Academi of Science, Engineering and Technology, 70: 233-236. (ISI)

Mohammadi, K., Ghalavand, A., **AghaAlikhani, M.** (2010).Effect of different methods of soil fertility on grain yield and chickpea quality. World Academi of Science, Engineering and Technology, 65: 547-553. (ISI)

Yari, L., **AghaAlikhani, M.** and Khazaei, F. (2010). Effect of seed priming dyration and temperature on germinaaaion behaviour of bread wheat (*Triticum aestivum* L.). ARPN Journal of Agricultural and Biological Science, 5(1): 1-5.

Khodaei Joghan, A., Ghalavand, A., **AghaAlikhani, M.** and Gholamhoseini, M and Dolatabadian, A. (2010). Comparison among different integrated nutrition management for soil micro and macro elements after winter wheat harvesting and yield. Notulae Scientia Biologicae 2(2):107-111.

Hamzi Alvanegh, S., Modarres Sanavy, A. M., **Aghaalikhani, M.**, Khazaei, F. and Heidari Sharifabad, H. (2009). Effect of leaf clipping on yield and quality traits of three corn cultivars. Plant Ecophysiology, 3: 129-133.

Safari, M., **Aghaalikhani, M.**, Modares Sanavi, S. A. M., (2011). Effect of Sowing Date on Yield and Yield Components of Three Grain SorghumCultivars. Iranian Journal of Field Crops Research, (Issue 4). 577-586.

Khalesro, S., **Aghaalikhani, M.**, Modarres Sanavy, S. A. M., (2011). Effect of Nitrogen Rate on Quantitative and Qualitative Forage Yield of Maize, Pearl Millet and Sorghum in Double Cropping System. Vol (8). 930-938.

Mohammadi, Kh, Ghalavand, A., **Aghaalikhani, M.**, Sohrabi, Y. Heidari, Gh.R. (2010). Impressibility of chickpea seed quality from different systems of increasing soil fertility. Electronic Journal of Crop Production, 103-120.

Kohanmo, M., **Aghaalikhani, M.**, Rezazadeh, Sh., Rejali, F., (2010). Investigation on growth possibility and comparison of agronomic and phytochemical attributes of chamomile (*matricaria chamomilla* l.) populations from three natural habitates of iran in boushehr province. Journal of Horticultural Science and Technology, (2). 87-98.

Safari, M., **Aghaalikhani, M.**, Modares sanavy, S. A. M., (2011). Effect of Sowing Date on Yield and Yield Components of Three Grain SorghumCultivars. Iranian Journal of Field Crops ResearchVol (4). 452-466.

Rahimi, A., **Aghaalikhani, M.**, (2011). Extinction Coefficient, Radiation Use Efficiency, Leaf Area and Dry Matter Distribution in Corn Canopy (*Zea mays*) under Competition with Pigweed (*Amaranthus retroflexus* L.). Iranian Journal of Weed Science, (1). 65-77.

Zafarian, F., **Aghaalikhani, M.**, Rahimian mashadi, H., Zand, E., Rezvani, M.,(2009). Yield and Growth Indices of Corn/Soybean Intercrop under Simultaneous Competition of Redroot Pigweed and Jimsonweed. Vol (5). 107-125.

Mohammadi, K., Tabialehi, K., **Aghaalikhani, M.**, Khormali, F., (2009). Journal of Plant production. Vol. 16(4). 77-91.

Ghalavand, A., Mohammadi, Kh., **Aghaalikhani, M.**, Sohrabi, Y., (2010). Effect of Organic, Biological and Chemical Fertilizers on Chickpea Grain Yield and Quality. Vol (1). 213-229.

Mahdavi, B., Modares Sanavy, S., **Aghaalikhani, M.**, (2010). Different strain and root-zone temperatures on morphological traits and nitrogen fixation on three grass-pea varieties. Iranian Journal of Biology. Vol (42). 671-681.

Mohammadi, K., Ghalavand, A., **Aghaalikhani, M.** and Eskandari, M. (2009). Increasing chickpea quality and agroecosystem sustainability using organic and natural resources. World Academi of Science, Engineering and Technology, 57: 572-579. (ISI)

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Siosemardeh, A., Mohammadi, Kh., Roohi, E., **Aghaalikhani, M.**, Mokhtasi Bidgoli, A., (2010). Physiological responses of different wheat genotypes to cold stress. Electronic Journal of Crop Production. Vol (2). 4: 93-112.

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Daryaei, F., Chaichi, M. R., **Aghaalikhani, M.**, (2009). Evaluation of Forage Yield and Quality in Chickpea/Barley Intercropping. Vol (40). 2. 11-19.

Sarlak , Sh., **Aghaalikhani, M.**, (2010). Effect of plant density and mixing ratio on crop yield in sweet corn (*Zea mays L. var Saccharata*) and mungbean (*Vigna radiata L.*) intercropping. Iranian Field Crop Research, (4). 367-380.

Ehteshami, K., **Aghaalikhani, M.**, Chaeichi, M. R., Khavazi, K., (2009). Effect of Phosphate Biofertilizers on Yield and Yield Components of Grain Corn (*Zea mays L. S.C.704*) under Water Deficit Stress Conditions Iranian Journal of Field Crop Science. Vol (40).1. 15-27

Mohammadi, K., **Aghaalikhani, M.**, Modaresanavy, S. A. M., (2010). Effects of Plant Density and Sowing Date on Economic Yield and Sugar Content of Sweet Corn. Iranian Journal of Field Crop Science. Vol (40). 1. 27-35.

Jamshidi, E., **Aghaalikhani, M.**, Ghalavand, A., (2009). Effect of defoliation intensity at different reproductive stages on seed and oil yields in sunflower (*Helianthus annus L.*) Iranian Journal of Crop Science, Vol (40) . 349-361.

Gholamhoseini M, **Aghaalikhani M**, Malakouti M. Effect of Natural Zeolite and Nitrogen Rates on Canola Forage Quality and Quantity . JWSS - Isfahan University of Technology. 2008; 12 (45) :537-548.

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- AghaAlikhani, M.**, Soufizadeh, S. and Etemadi, F. (2008). Critical period of weed control in Soybean (*Glycine max* L.). *Italian Journal of Agronomy. Riv.Agron (3 Suppl.)*: 367-368. (ISI)
- AghaAlikhani, M.** and Yaghoobi, S. R. (2008). Critical period of weed control in winter canola (*Brassica napus* L.) in a semi-arid region. *Pakistan Journal Biological Science* 11(5): 773-777. (ISI)
- Zaefarian, F., **AghaAlikhani, M.**, Rahimian Mashhadi, H. Zand E. and Rezvani, M. (2007). Yield and yield components response of corn/soybean intercrop to simultaneous competition of redroot pigweed and jimson weed. *Iranian Journal of Weed Science*, 3 (1&2): 40-62.
- Chaichi, M. R., Daryaei, F. and **Aqaalikhani, M.** (2007). Forage production of sorghum and alfalfa in sole and intercropping systems. *Asian Journal of Plant Science*, 6(5): 833-838. (ISI)
- Mahdavi, B., Modarres Sanavy, A. and **AghaAlikhani, M.** (2007). Nodulation and Root Traits in Four Grasspea (*Lathyrus sativus* L.) Ecotypes under Root-Zone Temperatures. *Pakistan Journal Biological Science*, 10(8): 1243-1249. (ISI)
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Water, Climate, Food and Environment in the Zayandeh Rud Basin

Contribution in the project ADAPT. Adaptation Startrgies to changing environments.

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12-Book and Chapters

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13-Books Translated Into Persion

McKell, C.M. (1991). **Biology and Utilization of Shrublands.**
Norman, M.J.T., Pearson, C.J. & Searle,P.G.E. (1995). **The Ecology of Tropical Food Crops.**
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14-Lectures

Level	Coarse
Bachelor of Science (B.Sc.)	Weeds and weed control Principles of Agronomy Industrial Crop Production Crop Physiology Pulse crop production Plant systematique
Master of Science (M.SC.)	General Ecology Research Method Weed and Herbicides Physiology Biology of weeds and flowering parasites Herbicide physiology Crop Ecology
Doctor of Philosophy (Ph.D.)	Ecological aspects of Intercropping Ecological aspects of Energy in Agriculture Microclimatolog Weed- Crop Ecophysiology

15-: Research Interests

Weed Ecophysiology	Crop Ecophysiology
Intercropping	Agronomy of forage crops
Cropping systems and Sustainable Agriculture	

16-: Under Supervision Students (Ph.D)

Name	Project
Mohamad Reza Ehteshami Faezeh Zafarian Mohammad Amin KohanMoo Saeid Soufizadeh Mohammad Ali Mokhtasi Bigdeli Majid Gholamhosseini Seyed Mohsen Hosseini Afrasiab Ala HamidReza Rajab Larijani Fardin Khazaei Arefeh Razazi Seyed Amir Moosavi	The Effect of Nutrition Systems and Ecotype on Quantity of Biomass, Seed, Grain Yield and Quality of Okra Seed Oil for Biodiesel Production

