

RESUME

First name: ALI

Surname: ESMAEILPOUR

Date of Birth: 20/02/1968

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Occupation: Scientific Board of Horticulture, Iran Pistachio Research Institute, P.O.Box 77175.435, Rafsanjan Iran.

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Education

- **B.Sc.:** 1992 in Horticulture, Guilan University, Rasht, Iran.
- **M.Sc.:** 1996 in Horticulture, Shiraz University, Shiraz, Iran.
- **PhD:** PhD candidate in Ghent University, Belgium.

Papers Presented in International Conference

- **ESMAILPOUR, ALI.** 1998. Distribution, use and conservation of pistachio in IRAN. Submitted to: Pistachio genetic resources. Irbid, JORDAN.
- **ESMAILPOUR, ALI AND A. SHIBANI.** 1999. Identification of best pistachio cultivars in - IRAN. XI G. R. E. M. P. A. meeting on pistachio and almond. Sanliorfa, TURKEY.
- **ALIPOUR, H.; VATANPOUR, A. A. AND A., ESMAILPOUR.** 2001. Introducing suitable pollinizer for Ahmad-Aghai pistachio (An Iranian commercial cultivar). III international symposium on pistachio and almond. Zaragoza, SPAIN.
- **ESMAILPOUR, ALI.** 2001. Ahmad- Aghai pistachio as the best commercial cultivar in Kerman province, Rafsanjan (IRAN). III international symposium on pistachio and almond. Zaragoza, SPAIN.
- **ALIPOUR, H. AND A., ESMAILPOUR.** 2001. Multivariate analysis and determination of pistachio yield indexes. III international symposium on pistachio and almond. Zaragoza, SPAIN.
- **ESMAILPOUR, ALI.** 2001. Male pistachio diversity and appropriate pollinizers for commercial cultivar in Rafsanjan (IRAN). III international symposium on pistachio and almond. Zaragoza, SPAIN.
- **GHORBANI, A.M.; A. V. AZGHANDI; D. ABOSAIDI; A.ESMAILPOUR; H. FARIVAR-MEHIN; M. MORADI AND R. ZADEH-PARIZI.** 2001. Selection of some new hybrid pistachio rootstocks resistance to phytophthora. III international symposium on pistachio and almond. Zaragoza, SPAIN.
- **ESMAILPOUR, A. AND A. TAJABADIPOUR;** 2002; Pistachio new resources in IRAN; first international symposium on rootstocks for deciduous fruit tree species. Zaragoza, SPAIN.
- **ESMAILPOUR, A.;** 2002; Effects of different rootstocks on qualitative and quantitative characteristics of yield in commercial Iranian pistachio cultivars. First international symposium on rootstocks for deciduous fruit tree species. Zaragoza, SPAIN.
- **ESMAILPOUR, A.;** 2002; Pruning effects on apical dominance and yield of pistachio trees. XXVI international horticultural congress and exhibition (IHC2002). Toronto, CANADA.

- **ESMAILPOUR, A. AND F. MIRDAMADIHA;** 2002; Effects of harvest time on quantitative characteristics on pistachio nuts. XXVI international horticultural congress and exhibition IHC 2002). Toronto, CANADA.
- **ESMAILPOUR, A.;** 2003; Evaluation of alternate bearing intensity in Iranian pistachio cultivars. XIII GREMPA Meeting on pistachio and almond. 1-5 June, Mirandela, Portugal.
- **ESMAILPOUR, A.;** 2003; Effects of vegetative and reproductive characters on flower bud abscission pistachio cultivars. XIII GREMPA Meeting on pistachio and almond. 1-5 June, Mirandela, Portugal.
- **ESMAILPOUR, A and M. KHEZRI;** 2005; Abscission of inflorescence buds as affected by different cultivars in four Iranian commercial pistachio. IV international Symposium on Pistachio and Almond. Tehran, IRAN.
- **ESMAILPOUR, A. AND F. MIRDAMADIHA;** 2005; Effects of harvest time and processing delay on aflatoxin in pistachio. IV international Symposium on Pistachio and Almond. Tehran, IRAN.
- **ESMAILPOUR, A.;** 2009; Effects of Different Plantation Distance in Pistachio Trees (*Pistacia ver*). 5Th International symposium on pistachio and almond. Sunliorfa, Turkey.
- **JAVANSHAH, A and ESMAILPOUR, A.;** 2009; Identification of The Best Methods for Early Splitting Nuts In orchard And Scientific Evaluation of Early Split Nuts Collecting Prior of Harvest on Aflatoxin Contamination. 5Th International symposium on pistachio and almond. Sunliorfa, Turkey.
- **HOKMABADI, H.;** M. MOAZENPOUR KERMANI; A. HAIDARINEZHAD, A. **ESMAILPOUR, S.Y. EMAMI, M. BASIRAT;** S. MAHMOODI AND A.JAVANSHAH.2009. Determination of Pistachio Production Function in Kerman (IRAN) Area of Pistachio Growing, 5Th International symposium on pistachio and almond. Sunliorfa, Turkey.
- **ESMAEILPOUR, A. and P. VAN DAMME.** 2014. Evaluation of Seed Soaking Times on Germination Percentage, Germination Rate and Growth Characteristics of Pistachio Seedlings. The 29th international horticultural congress (IHC2014). Brisbane, Australia.
- **ESMAEILPOUR, A., MARIE-CHRISTINE VAN LABEKE, R. SAMSON AND P. VAN DAMME.** 2014. Variation of Relative Water Content, Water Use Efficiency and Stomatal Density during Drought Stress and Subsequent Recovery in Pistachio Cultivars (*Pistacia vera* L.). The 29th international horticultural congress (IHC2014). Brisbane, Australia.
- **ESMAEILPOUR, A., MARIE-CHRISTINE VAN LABEKE, R. SAMSON AND P. VAN DAMME.** 2014. Chlorophyll fluorescence as a tool for evaluation of drought stress tolerance in Iranian pistachio cultivars. International conference on research on food security, natural resource management and rural development (Tropendag 2014). September 17-19, 2014. Prague, Czech Republic.
- **ESMAEILPOUR, A., M.C. VAN LABEKE, P. BOECKX AND P. VAN DAMME.** 2015. Impact of osmotic drought stress on carbon isotope discrimination and growth parameters in three pistachio rootstocks. XVI GREMPA Meeting on Almonds and Pistachios. May 12-14, 2015. Meknes, Morocco.

Papers Presented in National Conference

- **Esmailpour, A. and M. Rahemi.** 1996. Study the effect of heading back and plant grow regulators on branching, yielding and flowering the Ohadi and Kaleghochi cultivars. First research education and extention pistachio workshop. Rafsanjan, IRAN.
- **Esmailpour, A. and M. Rahemi.** 1997. Study the effect of heading back on grow and yielding of pistachio trees. Research seminar of pistachio. Kerman, IRAN.

- **Esmailpour, A.**; A. shibani and A. vatanpour azghandi. 1997. Studying, recognizing and collecting male pistachio cultivars. First Iranian congress of horticulture sciences. Karaj, IRAN.
- Shibani, A.; **A. Esmailpour** and N. Rohani. 1997. Selection the suitable pistachio cultivars. First Iranian congress of horticulture sciences. Karaj, IRAN.
- **Esmailpour, A.** 2000. Principles of establish and maintenance pistachio orchards to preventing and reduce the infection to agent of aflatoxin. First pistachio aflatoxin congress. Kerman (Baghin), IRAN.
- Alipour, H.; **A. Esmailpour** and M. parsai. 2001. Multi alternative analysis and determining index yielding in pistachio nuts. Second Iranian congress horticulture sciences. Karaj, IRAN.
- Esmailpour, A.; F. Mirdamadiha and A. Esmaili Ranjbar. 2001. The effect of delaying in harvest time and hull process on quantity and quality characteristics of pistachio nuts. Second Iranian congress on horticulture sciences. Karaj, IRAN.
- **Esmailpour, A.** and M. parsai. 2001. Study the effect of heading back on apical dominance and yield of pistachio trees. Second Iranian Congress on horticulture sciences. Karaj, IRAN.
- **Esmailpour, A.** 2001. The effects of environmental factors on produce and crop increasing of pistachio trees. Seminar of increasing the pistachio crops. Kerman (Baghin), IRAN.
- **Esmailpour, A.**; H. Dehghani and F. Mirdamadiha. 2001. Study the effect of harvest time and delaying hull process on infection of aflatoxin rate. Fourteenth Iranian plant protection congress. Isfahan, IRAN.
- **Esmailpour, A.** 2002. The effects of rootstock on quality and quantity characteristics of commercial pistachio cultivars. Second national congress Baneh (*Pistacia mutica*) or green morvarid. Shiraz, IRAN.
- Rezai, H.; M. J. Arvin; B. Panahi and **A. Esmailpour**. 2002. Different concentration effects of indol botric acid (IBA) in different cuttings ages of pistachio seedlings. Third of Iran biology conference. Shiraz, IRAN.
- **Esmailpour, A.** 2003. Methods of increasing the pistachio orchards crops (theory and real experiences). First application scientific gathering sirjan pistachio. Sirjan, IRAN.
- **Esmailpour, A.** and M. Rahemi. 2003. Effects of pruning on crops increasing in pistachio trees. First application scientific gathering sirjan pistachio. Sirjan, IRAN.
- **Esmailpour, A.** and M. Rahemi. 2004. Effect of some grows regulators on branching and flowering in pistachio orchards. Third Iranian horticulture science congress. 1-3 sep. Karaj, IRAN.
- **Esmailpour, A.** and M. H. Shamshiri. 2004. Effect of indole butyric acid (IBA) and naftalin acetic acid (NAA) on pistachio cuttings. Third of Iranian horticulture science congress. 1-3 sep. Karaj, IRAN
- **Esmailpour, A.** 2004. Study between abscission and survival number of fruit in cluster high and low load orchard condition. Third Iranian horticulture science congress. 1-3 sep. Karaj, IRAN
- **Esmailpour, A.** 2004. Introducing adequate early ripen pistachio cultivars for short grow period climate (cold regions). First national congress on nuts. Tabriz, IRAN.
- **Esmailpour, A.** and A. R. Saberi. 2004. Identifying pistachio genetic resources in Sistan and Baluchestan province. First native knowledge and hereditary natural sources and agriculture resources gathering. 12-13 Oct. Zahedan, IRAN.
- **Esmailpour, A.** and S. Bondehi. 2004. Study the genetic resources in Sistan and Balochestan province and application them in research program. First native knowledge and hereditary national sources and agriculture resources gathering. 12-13 Oct. Zahedan, IRAN
- Khezri, M. and **A. Esmailpour**. 2006. Apical dominance and it's relation with abscission flower buds in Iranian pistachio commercial cultivars. Fourth Iranian horticulture science congress. 7-9 Nov. Mashhad, IRAN.
- **Esmailpour, A.** 2006. Effect of delay harvest time on splitting percentage, sparing, early split and pistachio nut size. Fourth Iranian horticulture science congress. 7-9 Nov. Mashhad, IRAN.

- Javanshah, A.; **Esmailpour**, A. and M. Abdullah. 2006. Determination the best sampling method of early split pistachio in orchard and economic and technical assessment of their collection effects in different times before harvesting on aflatoxin infection rate. Fourth Iranian horticulture science congress. 7-9 Nov. Mashhad, IRAN.
- **Esmailpour**, A.; Shakerardekani, A. and M. Abdullah. 2015. Effects of early harvesting time on nut quality and physiology of pistachio (*Pistacia vera*) trees. National conference of scientific approach in green gold, pistachio. December 17-18, 2015. Damghan, Iran.

Member of National & International Societies

- Member of international society of horticulture science (ISHS)
- Member of Iranian society of horticulture science

Research M.Sc. & Ph.D. Students Supervised

- Saba, M.1998. Designing and manufacturing method of manure dispersal machine. M.sc. thesis. Tehran University, Tehran, IRAN.

Research project leader

Editor of International Scientific Journals

- Regional Editor of Journal of Food, Agriculture & Environment -JFAE

Courses Taught

- Pistachio production 1 (undergraduate)
- Pistachio production 2 (undergraduate)
- Horticulture (undergraduate)
- Small Fruits (undergraduate)

Books and booklets in Persian

- Panahi, B. ;**Esmailpour**, A. ;Farbood, F.;Moazenpour, M. and H. Farivar-Mehin. Pistachio handbook (Planting, processing and harvesting) 2002. Agriculture training publication. ISBN 964-6598-70-6.
- Panahi, B. ;**Esmailpour**, A. ;Farbood, F.;Moazenpour, M. and H. Farivar-Mehin.Pistachio book (Volume 1). 2002. Agriculture training publication. ISBN. 964-6598-73-0.

- Panahi, B.; **Esmailpour, A.**; Farbood, F.; Moazenpour, M. and H. Farivar-Mehin. Pistachio book. (Volume 2). 2002. Agriculture training publication. ISBN 964-6598-81-1.
- Abosaidi, D. **Esmailpour, A.**; Gorbani, A.M.; Tajabadi, A.; Farbood, F. and Rostami, M.A. 2000. Pistachio aflatoxine. Extension assistance publication of agriculture extension, training and research organization.
- **Esmailpour, A.** 2001. Pistachio horticulture management (Booklet). Horticulture assistance publication of agriculture jihad ministry.
- **Esmailpour, A.** Gorbani, A.M.; Tajabadi, A. and B. Panahi. 2001. Study the reasons of pistachio flowering buds abscission of Akbary cultivar in Kerman province. Extension publication of Kerman agriculture jihad organization.
- **Esmailpour, A.** 2006. Characteristics of some Iranian pistachio cultivars. Iranian pistachio research institute publication.
- Javanshah, A.; Mirdamadiha, F.; Tajabadi, A.; **Esmailpour, A.** and A. Mohamadi. 2004. Management calendar of pistachio orchards. Iranian Pistachio Research Institute publication and Rafsanjan Pistachio cooperative company.
- **Esmailpour, A.** and A. Mohamadi. 2009. Characteristics of some pistachio rootstocks. Iranian pistachio research institute publication.
- **Esmailpour, A.**; Javanshah, A.; Hokmabadi, H.; Panahi, B. and Alipour, H. 2010. Pistachio horticulture research chapter. In. Mehrnejad, M.R. and A. Javanshah (eds). The strategy framework for developing and promoting pistachio research in IRAN. Jomhori publication. ISBN 978-600-5687-25-5.
- **Esmailpour, A.** 2011. Pruning of pistachio trees. In. Hokmabadi, H. (eds). Diagnosis of environmental and non-environmental damaging factors incoming to pistachio product. Agriculture education and extension publication. ISBN 978-600-5898-72-2. 314 pages.
- **Esmailpour, A.**; Emami, Y.; Basirat, M.; Panahi, B.; Tajabadipour, A. et al. 2015. Pistachio handbook (planting, maintaining and harvesting). Agriculture education publishing. Tehran, Iran. ISBN: 978-964-520-291-8.

Research Interest

- Rootstock and scion
- Training and pruning
- Cultivars
- Pollination and fruit set
- Physiology

Research Paper Publications in National & International Journals

- **Esmailpour, A.** and M. Rahemi. 2001. Effects of heading back on branching, flowering and pistachio yielding. Iranian journal of horticultural science and technology. Vol.1, Nos.1&2.
- Shibani A.; A. V. Azghandi; **A. Esmailpour** and N. Rohani; 1997; Characteristics of selected pistachio cultivars in Iran. Acta horticulture (1997) No. 144, 125-128.
- **Esmailpour, A.** 1998. Distribution, use and conservation of pistachio in Iran. In S. Padulosi A. Hadj Hassan (eds.) Towards a comprehensive documentation and use of *Pistacia* diversity in central and west Asia, North Africa and Europe, IPGRI: 16-26.

- Ghorbani, A. M.; A. V. Azghandi; D. Abosaidi; **A. Esmailpour**; H. Farivar-Mehin; M. Moradi and R. Zadeh-Parizi. 2001. Selection of some new hybrid pistachio rootstocks resistance to *phytophthora*. Acta Horticulture (2002) No. 591.
- Alipour, H.; Vatanpour, A. A. and **A. Esmailpour**. 2001. Introducing suitable pollinizer for Ahmad-aghahi pistachio (An Iranian commercial cultivar). Acta horticulture (2002) No 591, 371-375.
- Ghorbani, A. M.; A. V. Azghandi; **A. Esmailpour** and R. Zadeh-parizi. 2001. Effects of altering culture medium on rooting of pistachio micro-shoots (*pistacia vera* cv. Badami-Zarand). Acta horticulture (2002). No. 591, 327-331.
- **Esmailpour, A.** 2003. Evaluation of alternate bearing intensity in pistachio cultivars. Options mediterraneennes, serie A. Numero 63, 29-32.
- **Esmailpour, A** and M. Khezri ; 2005; Abscission of Inflorescence Buds as Affected by Genetic Characteristics in Some Iranian Commercial Pistachio Cultivars. International Journal of Agriculture and Biology.1560-8530/2006/08-03-360-362.
- **Esmailpour, Ali**; Van Labeke, Marie-Christine; Samson, Roaland; Van Damme, Patrick. 2015. Osmotic stress affects physiological responses and growth characteristics of three pistachio cultivars. *Acta Physiologiae Plantarum* 37(6):1-14.
- **Esmailpour, Ali**; Van Labeke, Marie-Christine; Samson, Roaland; Ghafaripour, S.; Van Damme, Patrick. 2015. Comparison of biomass production-based drought tolerance indices of pistachio (*Pistacia vera* L.) seedlings in drought stress conditions. International Journal of agronomy and agricultural research. Vol. 7, No. 2,p: 36-44.
- **Esmailpour, Ali**; Van Labeke, Marie-Christine; Samson, Roaland; Boeckx, Pascal; Van Damme, Patrick. 2016. Variation in biochemical characteristics, water status, stomatafeatures, leaf carbon isotope composition and its relationship to wateruse efficiency in pistachio (*Pistacia vera* L.) cultivars under droughtstress condition. *Scientia Horticulturae* 211 (2016) 158–166.

Scientific awards and distinctions

- 1 - Superior researcher at Iranian Pistachio Research Institute in 2002 – Research activities. Rafsanjan, IRAN
- 2 - Superior researcher at Iranian Pistachio Research Institute in 2003 – Research activities. Rafsanjan, IRAN
- 3 - Superior researcher at Iranian Pistachio Research Institute in 2004 – Research activities. Rafsanjan, IRAN
- 4 - Superior researcher at Research, education and extension organisation in 2003 – Research activities. TEHRAN, IRAN
- 5 - Superior researcher at Agriculture minister in 2004 – Research activities. TEHRAN, IRAN