

CURRICULUM VITAE



A. Personal Details		
Full Name: Seyed Javad Hosseinifard	Gender: Male	Title: Dr
Citizenship: Iranian	Date of Birth: 01/04/1971	Place of Birth: Rafsanjan, Kerman
Current Address: P.O.Box: 77175-435, Pistachio Research Center, Horticultural Sciences Research Institute, Agricultural Research, Education and Extension Organization (AREEO), Rafsanjan, Iran Tel: 034-34225205-7 Fax: 034-34225208	Department: Technology and Management of Production	E-mail: hosseinifard@pri.ir Researcher ID: D-7700-2011

B. Academic Qualification			
Certificate /qualification obtained	Name of School / Institution	Year obtained	Area of Specialization
B.Sc.	Shiraz University	1994	Soil Sciences
MSc.	Isfahan University of Technology	1997	Soil Sciences
Ph.D.	Isfahan University of Technology	2010	Soil Sciences

C. Scientific experience and Specialization				
Organization	Position	Start Date	End Date	Expertise
Pistachio Research Center	Researcher	1997	Peresent	Soil Fertility and Plant Nutrition
Vali-e-Asr Rafsanjan University	Visiting Teacher	2001	2016	General Soil Science Soil erosion and Protection Soil Genesis & Classification Evaluation of Environment

D. Employment				
Employer	Designation	Department	Start Date	Date Ended
Pistachio Research Center	Researcher	Irrigation and Nutrition\ Technology and Management of Production	1997	Peresent

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Journal	<p>International:</p> <p>Hosseinifard, J., Salehi, M. H., Mohammadi, J. and M. Heydari. 2006. Groundwater quality in pistachio growing areas of Rafsanjan, Iran. <i>Acta Hort.</i>, 726: 217-220.</p> <p>Hosseinifard, J., B. Panahi. 2006. The effect of different mineral nutrients on early splitting in pistachio. <i>Acta Hort.</i>, 726: 325-328.</p> <p>Hosseinifard, J., M. H. Salehi, I. Esfandiarpour and J. Mohammadi. 2008. Spatial variability of groundwater quality and its relationship with pistachio yield in Anar region, Iran. <i>J. Applied Sciences</i>, 8 (20): 3697-3702.</p> <p>Hosseinifard, S. J., H. Khademi and M. Kalbasi. 2010. Different forms of soil potassium as affected by the age of pistachio (<i>Pistachio vera</i> L.) trees in Rafsanjan, Iran. <i>Geoderma</i> 155: 289-297.</p> <p>Salehi, M., and J. Hosseinifard. 2012. Soil and Groundwater Relationships with Pistachio Yield in the Rafsanjan Area, Iran. <i>Communications in Soil Science and Plant Analysis</i>. 43: 4, 660-671.</p> <p>Nadernejad, N., A. Ahmadimoghadam, J. Hosseinifard, Sh. Pourseyedi. 2012. Phenylalanin Ammonia-Lyase activity, total phenolic and flavonoid content in flowers, leaves, hulls and kernels of three pistachio (<i>Pistacia vera</i> L.) cultivars. <i>Bulletin of Botanical Research</i>, 32 (5): 519-525.</p> <p>Owji, A., I. Esfandiarpour Boroujeni, A. Kamali, S. J. Hosseinifard, M. Bagheri Bodaghabadi. 2014. The effects of hydrometer reading times on the spatial variability of soil textures in southeast Iran. <i>Arab J. Geosci.</i> 7 (4), 1491-1499.</p> <p>S. Adibfar, M. Mostafavi, S. J. Hosseinifard. 2012. Does foliar CaCl₂ application control pistachio endocarp lesion. <i>Thai J. of Agricultural Science</i>, 45 (4): 233-239.</p> <p>Nadernejad, N., A. Ahmadimoghadam, J. Hosseinifard, Sh. Pourseyedi. 2013. Evaluation of PAL activity, phenolic and flavonoid contents in</p>

E. List of publications

- three pistachio (*Pistacia vera* L.) cultivars grafted onto three different rootstocks. *J. of Stress Physiology & Biochemistry*, Vol. 9 NO. 3, 84-97.
- Panahi, B., M. Basirat and S. J. **Hosseinfard**. 2013. The Effect of Liquid Detergent on Common Pistachio Psylla, *Agonoscena Pistaciae*, Soil and Plant. *International Journal of Agriculture and Crop Sciences*. 6-12/794-807.
- Nadernejad, N., A. Ahmadimoghadam, J. **Hossenifard**, Sh. Pourseyedi. 2013. Effect of different rootstocks on PAL activity and phenolic compounds in flowers, leaves, hulls and kernels of three pistachio (*Pistacia vera* L.) cultivars. *Trees*, 27 (6), 1681-1689.
- F. Sabermahani; R. Askari, S.J. **Hosseinfard** and M. Saeidi. 2014. Determination of cadmium in water and environmental samples by inductively coupled plasma atomic emission spectrometry after solid phase extraction using thiosemicarbazide derivative on alumina. *Scientia Iranica C* 21(6), 2012-2020.
- Hosseinfard**, S. J., M. M. Aminiyan. 2015. Hydrochemical Characterization of Groundwater Quality for Drinking and Agricultural Purposes: A Case Study in Rafsanjan Plain, Iran. *Water Qual Expo Health* 7: 531–544.
- Khormali, F., F. Rezaee, N. Rahimzadeh, S. J. **Hosseinfard** and E. Dordipour. 2015. Rhizosphere-induced weathering of minerals in loess-derived soils of Golestan Province, Iran. *Geoderma Regional*, 5: 34-43.
- Sedaghati, N., A. Alizadeh, H. Ansari, S. J. **Hosseinfard**. 2016. Study of Changes in Soil Moisture and Salinity under Plastic Mulch and Drip Irrigation in Pistachio Trees. *Journal of Nuts* 7(1): 21 -33.
- Shirani, H., S. J. **Hosseinfard**, H. Hashemipour. 2018. Factors affecting cadmium absorbed by pistachio kernel in calcareous soils, southeast of Iran. *Science of the Total Environment* 616-617C (2018) pp. 881-888.
- Isa Esfandiarpour-Borujeni, Seyed Javad **Hosseinfard**, Hossein Shirani, Maryam Zeinadini & Ali Asghar Besalatpour (2018): Identifying Soil and Plant Nutrition Factors Affecting Yield in Irrigated Mature Pistachio Orchards, *Communications in Soil Science and Plant Analysis*, DOI: 10.1080/00103624.2018.1464186.
- Sedaghati, N., S. J. **Hosseinfard**. 2018. Effect of deficit irrigation on early splitting of pistachio nuts and aflatoxin contamination. *Pistachio and Health Journal (PHJ)*. Vol. 1, No. 2, Spring 2018, 22-25
- Bagheri Bodaghabadi, M., A. Amini Faskhodi, M. H. Salehi, S. J. **Hosseinfard** and M. Heydari. 2019. Soil suitability analysis and evaluation of pistachio orchard farming, using canonical multivariate analysis. *Scientia Horticulturae* 246: 528–534.

E. List of publications

- Pourmohammadali, Behrooz., Seyed Javad **Hosseini**fard, Mohammad Hasan Salehi, Hossein Shirani, Isa Esfandiarpour-Borujeni. 2019. Effects of soil properties, water quality and management practices on pistachio yield in Rafsanjan region, southeast of Iran. *Agricultural Water Management*, 213: 894-902.
- Pourmohammadali, B., Salehi, M. H., Hosseinifard, S. J., Boroujeni, I. E., & Shirani, H. 2020. Studying the relationships between nutrients in pistachio leaves and its yield using hybrid GA-ANN model-based feature selection. *Computers and Electronics in Agriculture*, 172, 105352.
- Mohammadi Mohammadabadi, A., S. J. Hosseinifard, N. Sedaghati, M. R. Nikooei Dastjerdi. 2020. Pistachio (*Pistachia vera* L.) seedling growth response to irrigation method and volume in Iran. *Agricultural Water Management*, 240: 106287, <https://doi.org/10.1016/j.agwat.2020.106287>.
- National:**
- Mohammadi Mohammad Abadi, A., S. J. **Hosseini**fard, N. Sedaghati. 2008. Effect of Change from the Conventional (Flooding) to Subsurface Irrigation System on Mature Pistachio Trees in Kerman. *Journal of Science and Technology of Agriculture and Natural Resources*, Vol. 12, No. 43 (a), 29-46.
- Sedaghati, N., A. Mohammadi Mohammadabadi and S. J. **Hosseini**fard. 2008. The effect of irrigation regimes on occurrence of early split of pistachio (*Pistacia vera* L.) CV. ohadi. *Pajouhesh & Sazandegi (Agriculture and Horticulture)*, No. 78, 158-150.
- Hosseini**fard, S. J., A. Heidarinejad, A. Mohammadi Mohammadabadi and N. Sedaghati. 2008. Investigation of boron status in water, soil and pistachio plant in pistachio areas of Iran. *Pajouhesh & Sazandegi (Agriculture and Horticulture)*, No. 81, 9-9.
- Salehi, M. H, M. Heydari, A. Mohammadkhani and S. J. **Hosseini**fard. 2009. Influence of some soil properties on growth, yield and splitting of pistachio in Rafsanjan (Anar) region. *Journal of Soil Research (Soil and Water Sciences)*, Volume 23, Number 1, 35-47.
- Hosseini**fard, S. J., H. Khademi, M. Kalbasi. 2009. Effect of type of extract and frequency of extraction on release of potassium from mica. *Journal of Science and Technology of Agriculture and Natural Resources*, Volume 13, Number 50, 105-118.
- Bahrami Sirmandi, S., S.A. Ahmadimoghaddam, S. J. **Hosseini**fard. 2009. The effect of ectomycorrhizas on the content of some minerals in pistachio plant (Var Ahmadaghaee) treated with different concentrations of Mg. *Iranian Journal of Plant Biology*, Volume I, Number I and II, 1-12.
- Sedaghati, N., S. J. **Hosseini**fard and A. Mohammadi Mohammadabadi. 2008. The study of possibility to decrease of irrigation borders width in

E. List of publications

- mature pistachio (*Pistacia vera* L.) orchards. Journal of Research and Construction in Agriculture and Horticulture, No. 85.
- Sedaghati, N., S. J. **Hosseini**fard and A. Mohammadi Mohammadabadi. 2012. Comparing Effects of Surface and Subsurface Drip Irrigation Systems on Growth and Yield of Mature Pistachio Trees. Journal of Water and Soil (Agricultural Science and Technology), Volume 26, Number 3, 575-585.
- Alipour, H., S. J. **Hosseini**fard, F. Ghafari. 2012. Study of resistance to salinity among controlled crosses of pistachio. Journal of Crop Production Research, Volume 19, Issue 3, 39-58.
- Bahrami Sirmandi, S., S. A. Ahmadimoghaddam, S. J. **Hosseini**fard. 2013. The effect of ectomycorrhiza and excess Mg on the growth and Ca, Mg, K, P, Fe, Na, Zn, Cu, Mn contents in Pistachio var. Fandoghi. Iranian Journal of Biology. Volume 26, No 1, 70-81.
- Nadernejad, N., S. A. Ahmadimoghaddam, S. J. **Hosseini**fard, Sh. Poorseyedi. 2013. Study of the rootstock and cultivar effect in PAL activity, production of phenolic and flavonoid compounds on flower, leaf and fruit in Pistachio (*Pistacia vera* L.). Journal of Plant Biology, Fifth Year, No. 15, 95- 110.
- Zareapour, F.; M. Hamidpour; H. Shirani; M. Heshmati; S. J. **Hosseini**fard. 2015. Boron Adsorption on Muscovite Mineral as a Function of pH, Ionic strength of Solution and Kinds of Cation. Journal of Water and Soil (Agricultural Sciences and Industries), Volume 29, Issue 1, April-May, 188-197.
- Sedaghati, N., A. Alizadeh, H. Ansari, S. J. **Hosseini**fard. 2015. Effect of Using Plastic Mulch in Drip Irrigation on Growth, Yield, and Water Use Productivity of Pistachio. Water Research in Agriculture, Vol. 29 No. 4: 483-495.
- Sherafati, A., S. J. **Hosseini**fard, P. Keshavarz. 2016. Effects of Foliar Application of Calcium Compounds on Formation and Development of Pistachio (*Pistacia vera* L.) Nuts. Seed and Plant Production Journal, Vol.2-32, Number 2, 193-208.
- Nadi, M., Golchin, A., Sedaghati, A., Shafiei, S., S. J. **Hosseini**fard and J. Folk. 2017. Using Nuclear Magnetic Resonance ¹H and ¹³C in the Study of Soil Organic Matter Covered by Forest Trees. J. Water and Soil Sci (Sci. & Technol. Agric. & Natur. Resour.), Vol. 21, No. 1, 83-92.
- Sadeghati, N., **Hosseini**fard, S. J. And Nikooei Dastjerdi, MR. 2016. Studying effects of saline magnetic irrigation water on soil chemical and infiltration characteristics, growth and yield of pistachio trees. Water Research in Agriculture, B, Volume 31, Number 4, 609-623
- Pourmohammadali, B., Salehi, M., **Hosseini**fard, SJ. Shirani, H., Esfandiarpour, E. 2017. Pistachio Yield prediction using Linear Multivariate Regression and Artificial Neural Network (Case Study: Rafsanjan and Anar Cities of Kerman Province). Agricultural Engineering (Journal of Agricultural Science), Volume 40, Number 2: 71-87.
- Hosseini**fard, SJ, Shirani, H, Sadr, S. and Hashemipour, H. 2019. Modeling the Relationship between Cadmium and Some Physical and Chemical Properties of Soil in Pistachio Orchards Using Regression and

E. List of publications	
	<p>Artificial Neural Network. Journal of Environmental Science, 17 (3): 177-188.</p> <p>Abdolahi Ezatabadi, M. and Hosseini fard, S.J. 2019. The effects of nutritional management knowledge of farmers on economic yield of pistachio orchards in Kerman province. Journal of Soil Management and Sustainable Production, Vol. 9 (3): 91-111.</p> <p>Hosseini fard, S. J., A. Heidarinejad, A. Mohammadi Mohammadabadi, N. Sedaghati, M. Heidari, M. R. Nikooei Dastjerdi. 2020. Determination of DRIS norms and nutrients deficiency diagnosis in Owhadi cultivar of pistachio (<i>Pistacia vera</i> L.) trees. Pistachio Science and Thecnology, 4 (7): 148-163.</p> <p>Sedaghati, N., S. J. Hosseini fard, M. Abdolahi Ezzatabadi, A. Mohammadi Mohammadabadi. 2020. Effect of Changing Irrigation System from Surface (Flooding) to Subsurface Method with PVC Pipes on Soil Salinity, Growth and Yield of Pistachio Trees. Pistachio Science and Thecnology (In Press).</p> <p>Hosseini fard, S. J., N. Sedaghati, A. Mohammadi Mohammadabadi, H. Alipour, M. R. Nikooei Dastjerdi. 2020. Effects of Fe foliar spraying from sulphate and chelate resources on yield and quality of pistachio (<i>Pistacia vera</i> L. cv. Owhadi) trees fruit in Kerman province. Pistachio Science and Thecnology (In Press).</p>
Book	<p>Books:</p> <p>Seyed Javad Hosseini fard, Majid Basirat, Nasser Sedaghati, Ahmad Akhyani, 2018. <i>Guidelines for Integrated Soil Fertility and Plant Nutrition Management of Pistachio Trees</i>. Soil and Water Research Institute, 100p.</p> <p>Esmaeelpour, A. et al. 2017. <i>Pistachios from production to consumption</i>. Agricultural Research and Education Publications, 180p.</p> <p>Seyed Javad Hosseini fard, Hamid Alipour. 2004. <i>Diagnosis and elimination of nutrient deficiencies in pistachio</i>. Pistachio Research Center, 90p.</p> <p>Handbook:</p> <p>Seyed Javad Hosseini fard. 2017. <i>Soil management and nutrition of pistachio trees</i>. Registration No. 52121, Horticulture Sciences Institute, 85p.</p> <p>Book Chapters:</p> <p>Seyed Javad Hosseini fard. 2011. <i>Soil and Nutrition</i>. Iranian Pistachio Research Strategy Document, Edited by M. Mehrnejad, A. Javanshah, chapter 8: pages 420-494; Jomhour Publication.</p> <p>Seyed Javad Hosseini fard. 2017. <i>Soil Management and Nutrition</i>. Pistachio Guide (Planting, Protection and Harvesting), Edited by A. Esmaeelpour et al, chapter 4: pages 117-146; Agriculture Education.</p> <p>Seyed Javad Hosseini fard. 2019. <i>Soil management and nutrition of pistachio trees</i>. Iran's Pistachio Book. Edited by Gh. Mirzaee, M. R.</p>

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	<p>Roosban and H. Hokmabadi, chapter 5: pages 153-186; Jameye No Publication.</p>
Booklet	<p>Hosseinifard, S. J. 2007. <i>Application of Organic Fertilizers in Pistachio Growing Areas of Iran</i>. Technical Issue 50, Pistachio Research Institute Publications.</p> <p>Hosseinifard, S. J., Rezaei Tajabadi, H. 2007. <i>Adding Soil to Pistachio Orchards; Problem or Solution of Problem?</i> Technical Issue 49, Pistachio Research Institute Publications</p> <p>Heydari, M., Hosseinifard, S. J. 2009. <i>Comparison of desirable and undesirable parts of pistachio orchards in terms of soil properties and leaf nutrients</i>. Technical Issue 64, Pistachio Research Institute Publications.</p> <p>Abdolahi Ezzatabadi, M. and Hosseinifard, S. J. 2015. <i>Time management of fertilizer application in pistachio orchards</i>. Technical Issue No. 76, Pistachio Research Institute Publications.</p> <p>Hosseinifard, S. J. 2015. <i>Guidelines on application of enriched fertilizers in pistachio growing areas</i>. Registration No. 47226. Pistachio Research Institute of Iran.</p> <p>Abdolahi Ezzatabadi, M. and Hosseinifard, S. J. 2017. <i>The Economics of Phosphate Fertilizers Use in Pistachio Orchards</i>. Registration No. 52568, Horticultural Sciences Research Institute, Pistachio Research Center.</p> <p>Abdolahi Ezzatabadi, M. and Hosseinifard, S. J. 2018. <i>Economics of using K fertilizers in pistachio orchards</i>. Registration No. 53740, Horticultural Sciences Research Institute, Pistachio Research Center.</p> <p>Abdolahi Ezzatabadi, M. and Hosseinifard, S. J. 2018. <i>Economics of using N fertilizers in pistachio orchards</i>. Registration No. 53772, Horticultural Sciences Research Institute, Pistachio Research Center.</p> <p>Abdolahi Ezzatabadi, M. and Hosseinifard, S. J. 2019. <i>Economics of using Cattle manure in pistachio orchards</i>. Registration No. 55878, Horticultural Sciences Research Institute, Pistachio Research Center.</p>
Proceedings	<p>International:</p> <p>Hosseinifard, J. Mineralogy of some soils in pistachio orchards in Rafsanjan, Iran. 1999. XI G.R.E.M.P.A. meeting Pistachio & Almond, Turkey.</p> <p>Hosseinifard, J., M. H. Salehi, F. Salehi and A. Heydarinejad. 2005. Status of Soil and Leaf Boron in Pistachio Orchards, Iran. IV international symposium on pistachios and almonds, p. 96, Tehran, Iran</p>

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- Hosseini****fard, J.**, M. H. Salehi and M. Heydari, 2005. Virtual influence of translocated soils on pistachio orchards, central Iran. Proceeding of International Conference on Human Impacts on Soil Quality Attributes, Isfahan, Iran.
- Salehi, M. H., **J. Hosseini****fard** and M. Rafiollahsaini. 2005. The effect of different land uses on some soil quality indices in Zagros region, Iran. Proceeding of International Conference on Human Impacts on Soil Quality Attributes, Isfahan, Iran.
- Hosseini****fard, J.**, M. H. Salehi, J. Mohammadi and M. Heydari. 2005. Groundwater quality in pistachio growing area of Rafsanjan, Iran. IV international symposium on pistachios and almonds, p. 94., Tehran, Iran.
- Hosseini****fard, J.**, A. Tajabadipour, B. Panahi and A. Zeyaeeyan. 2005. Effects of K, Fe and Zn Sulfate Application on Leaf Nutrients and Nut Quality of Mature Pistachio Trees. IV International Pistachio & Almond Symposium, Tehran, Iran.
- Hosseini****fard, J.**, H. Naghavi, M. K. Eghbal and A. Jalalian. 2005. Physicochemical and Mineralogical Properties of Selected Soils in the Rafsanjan Pistachio Area, Iran. IV International Pistachio & Almond Symposium, Tehran, Iran.
- Salehi, M. H., **Hosseini****fard, J.** and M. Heydari. 2008. The Effect of Soil and Leaf Nutrients on Pistachio Yield in the Rafsanjan Area, Iran. XIV GREMPA Meeting on Pistachio and Almonds, Athens Acropol Hotel, Athens, Greece, 30 March-4 April.
- Hosseini****fard, S. J.**, H. Khademi and M. Kalbasi. 2008. Different forms of soil potassium as affected by the age of pistachio trees in Rafsanjan area, Iran. XIV GREMPA Meeting on Pistachio and Almonds, Athens Acropol Hotel, Athens, Greece, 30 March-4 April.
- Hosseini****fard, S. J.**, H. Khademi and M. Kalbasi. 2008. Capability of wheat (*Triticum aestivum* L.) to uptake potassium from three K-bearing minerals and its effect on mineral transformation. Eurosoil Meeting, Vienna, Austria.
- Hosseini****fard, S. J.**, H. Khademi and M. Kalbasi. 2008. Comparison of non-exchangeable K release from micaceous minerals using different extractants. European Geosciences Union (EGU), Vienna, Austria, 13-18 April.
- Hosseini****fard, S. J.**, A. Heidarinejad, N. Sedaghati and A. Mohammadi. 2008. Priority determining of pistachio nutritional requirement by DRIS method. International Meeting on Soil Fertility, Land management and Agroclimatology, 29 October- 1 November, Turkey.
- Hosseini****fard, S. J.**, H. Khademi and M. Kalbasi. 2009. Capability of pistachio (*Pistachio vera* L.) to uptake potassium from three K-bearing minerals and circumstance of minerals alteration. 5th International Symposium on Pistachios & Almonds, October, 6-10. Sanliurfa, Turkey.
- Hosseini****fard, S. J.**, B. Panahi, A. Tajabadipour, N. Sedaghati and A. Mohamadi. 2009. Study of Soil Characteristics, Leaf and Fruit Nutrients Status and Their Relationships With Early Splitting in Mature Pistachio Trees, Iran. 5th International Symposium on Pistachios & Almonds, October, 6-10. Sanliurfa, Turkey.

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- Alipour, H., F. G. Movafagh and **S. J. Hosseinifard**. 2009. Comparison of Pistachio Cultivars, Male and Female Genotypes from the View Point of Resistance to Salinity by Using Produced Seedlings under Controlled Pollination. 5th International Symposium on Pistachios & Almonds, October, 6-10. Sanliurfa, Turkey.
- Movafagh, F. G., H. Alipour and **S. J. Hosseinifard**. 2009. Land Suitability Assessment in Iran for Almond Using GIS. 5th International Symposium on Pistachios & Almonds, October, 6-10. Sanliurfa, Turkey.
- Sedaghati, N., **S. J. Hosseinifard** and A. Mohammadi Mohammadabadi. 2009. Comparing of Surface and Subsurface Drip Irrigation Systems on Mature Pistachio Trees. 5th International Symposium on Pistachios & Almonds, October, 6-10. Sanliurfa, Turkey.
- Mohammadi Mohammad Abadi, A., **S. J. Hosseinifard** and N. Sedaghati. 2009. Study of Irrigation System (Surface, Subsurface, Kuzeh, T-Tape, Drip and Bubbler) on Pistachio Seedling. 5th International Symposium on Pistachios & Almonds, October, 6-10. Sanliurfa, Turkey.
- Hosseinifard, S. J.**, B. Panahi, A. Tajabadipour, N. Sedaghati . 2011. Study of Soil Characteristics and Their Relationships with Early Splitting in Mature Pistachio Trees. 1st International Symposium on Mycotoxins in Nuts and Dried Fruits. 10-12 september, Islamic Azad University, Damghan, Iran.
- Hosseinifard, S. J.**, B. Panahi, A. Tajabadipour, N. Sedaghati . 2011. Leaf and Fruit Nutrients Status and Their Relationships with Early Splitting in Mature Pistachio Trees. 1st International Symposium on Mycotoxins in Nuts and Dried Fruits. 10-12 september, Islamic Azad University, Damghan, Iran.
- Tajabadipour, A., A. Safari, **S. J. Hosseinifard**, V. Mozafari, A. Akhgar. 2012. Determination of suitable chemical extraction methods for the available Iron content of calcareous soils in Iran (Rafsanjan Region). International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management", 15-17 May, Izmir, Turkey.
- Owji, A., I. Esfandiarpour, A. Kamali, **S. J. Hosseinifard**. 2012. Landscape Analysis Using Kriging Estimator in Southeast Iran. International Soil Science Congress on "Land Degradation and Challenges in Sustainable Soil Management", 15-17 May, Izmir, Turkey.
- National:**
- Hosseinifard, S. J.**, M. K. Eghbal, A. Monshi and A. Jalalian. 1999. Application of new method of slope ratio in quantitative analysis of clay minerals. 6th Iranian Soil Science Congress, September 6-9, Ferdowsi University of Mashhad.
- Hosseinifard, S. J.** 2002. Phosphorus accumulation on soil surface of pistachio orchards and the need for proper use of phosphorus fertilizers in pistachio growing areas of Iran. Third National Conference on Development of Biologic Materials Application and Optimal Use of Fertilizer and Pesticide in Agriculture, Karaj.
- Hosseinifard, S. J.** 2002. The effect of potassium sulfate and micronutrients soil application on nutrient concentration of pistachio leaf. Third National

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- Conference on Development of Biologic Materials Application and Optimal Use of Fertilizer and Pesticide in Agriculture, Karaj.
- Hosseinfard**, S. J., B. Panahi. 2005. Effects of using different nutrients on early smiling of pistachio. Fourth Iranian Horticultural Science Congress, November 17-19, Mashhad.
- Heidari, M., Salehi, M.H., **Hosseinfard**, S. J. And Mohammadkhani, A. 2007. Investigation of Soil Properties in Parts of Pistachio orchards with suitable and Unsuitable Growth, 10th Iranian Soil Sciences Congress, Karaj.
- Salehi, M.H., Heidari, M., Mohammadkhani, A. and **Hosseinfard**, S. J. 2007. The Effect of Soil Properties on Growth, Yield and Splitting of Pistachio in Rafsanjan (Anar) Region. Ninth Seminar on Irrigation and Evaporation Reduction, February 2007, Kerman.
- Basirat, M., M. R. Tajbakhsh and S. J. Hosseinfard. 2008. Effect of water quality (total hardness, EC and pH) on emulsion stability of pesticides in pistachio orchards in Kerman province. The 18th Iranian Congress of Plant Protection, 3-6 September, Bu-Ali Sina University, Hamedan.
- Bahrami, S., A. Ahmadimoghaddam and S. J. **Hosseinfard**. 2008. Ectomycorrhizae production in three pistachio cultivars of Badami, Ahmadaghaei and Fandoghi with *Agaricus bisporus* and study of its effect on plants growth. First National Conference on New Technologies in Agriculture and Natural Resources, March 14-15, Islamic Azad University of Rasht.
- Heydari, M. Salehi, M.H. and **Hosseinfard**, S. J. 2009. Changes in nutrient concentration of pistachio leaf at three sampling times in Rafsanjan, Anar region. 11th Iranian Soil Sciences Congress, 21-24 July, Gorgan.
- Sedaghati, N. Tajabadi, A. Mohammadi Mohammadabadi and **Hosseinfard**, S. J. 2009. Investigation of soil salinity changes in surface and subsurface drip irrigation systems on pistachio trees. 11th Iranian Soil Sciences Congress, 21-24 July, Gorgan.
- Hosseinfard**, S. J., H. Khademi, M. Kalbasi. 2009. Soil K depletion in pistachio orchards with different ages. 11th Iranian Soil Sciences Congress, 21-24 July, Gorgan.
- Hosseinfard**, S. J., H. Khademi, M. Kalbasi. 2009. Capability of Wheat in uptake of potassium from three mica minerals and its effect on the transformation of minerals. 11th Iranian Soil Science Congress, 21-24 July, Gorgan.
- Hosseinfard**, S. J., M. Afroosheh. 2011. Investigation of little leaf disorder (Ghermezoo) on pistachio trees. 12th Iranian Soil Sciences Congress, September 12-14, Tabriz University.
- Hosseinfard**, S. J., H. Khademi, M. Kalbasi. 2011. Evaluation of changes in soil physicochemical properties and soil classification in pistachio orchards with different ages. 12th Iranian Soil Science Congress, September 12-14, Tabriz University.
- Mirhosseini, F. S. J. **Hosseinfard**, H. Shirani. 2011. Effect of humic acid on growth and chemical composition of pistachio seedlings. 12th Iranian Soil Science Congress, September 12-14, Tabriz University.
- Heydari, M., S. J. **Hosseinfard**. 2011. Investigation of the effect of different amounts of gypsum on physical and chemical properties of soil and

E. List of publications

- pistachio trees. 12th Iranian Soil Sciences Congress, September 12-14, Tabriz University.
- Razvizadeh Mashizi, N., S. J. **Hosseinfard**, and B. Panahi. 2011. Investigation of the effects of foliar application of different concentrations of potassium nitrate in nut filling period on quantitative and qualitative characteristics of pistachio. 12th Iranian Soil Science Congress, September 12-14, Tabriz University.
- Maleki, M. Kalbasi, M., S. J. **Hosseinfard**, A, Jalalian. 2011. Effects of wet and drying of soil and potassium application on potassium fixation and release in pistachio orchards with different ages. 12th Iranian Soil Science Congress, September 12-14, Tabriz University.
- Maleki, M. Kalbasi, M., S. J. **Hosseinfard**, A, Jalalian. 2011. Comparison of soil potassium fixation capacity in pistachio orchards with different ages. 12th Iranian Soil Science Congress, September 12-14, Tabriz University.
- Sedaghati, N., Hokmabadi, H., **S. J. Hosseinfard**. 2011. Effect of irrigation frequency on soil nutrient uptake and final concentration in leaf of pistachio trees. 12th Iranian Soil Science Congress, September 12-14, Tabriz University.
- Ghaemmaghami, Z., Tajabadi, A., Mozaffari, V. and S. J. **Hosseinfard**. 2011. Greenhouse evaluation of the effect of iron application on the growth of pistachio seedlings in soils with different physicochemical properties from pistachio growing areas of Rafsanjan. 12th Iranian Soil Science Congress, September 12-14, Tabriz University.
- Sedaghati, N., S. J. **Hosseinfard** and A. Mohammadi Mohammadabadi. 2011. Comparison of the performance of surface and subsurface drip irrigation systems on pistachio trees. 11th National Conference on Irrigation and Evaporation Reduction, February 18-20, Shahid Bahonar University of Kerman.
- Sedaghati, N., **Hosseinfard**, S. J. and Mohammadi Mohammadabadi, A. 2012. Strategies for Increasing Water Use Efficiency in Pistachio Gardens. First National Pistachio Conference (Economic Development). Faculty of Agriculture, Rafsanjan Azad University. March 17, 2012.
- Hosseinfard**, S. J., Sedaghati, N., Mohammadi Mohammadabadi, Akbar., Rezaei, H. and Alipour, H. 2012. Effects of foliar application of micronutrients on pistachio trees. First National Pistachio Conference (Axis of Economic Development). Faculty of Agriculture, Rafsanjan Azad University. March 17, 2012.
- Mohammadi Mohammadabadi, A., **Hosseinfard**, S. J. and Sedaghati, N. 2012. Study of Irrigation Systems (Surface, porous pipe, clay pot, Tape, Drip and Bubbler) from Planting Time on Pistachio Trees. First National Pistachio Conference (Economic Development). Faculty of Agriculture, Rafsanjan Azad University. March 17, 2012.
- Sedaghati, N., A. Mohammadi Mohammadabadi and S. J. **Hosseinfard**. 2013. Investigation of the Effect of Saline Magnetic Water on Yield of Pistachio Trees. 12th National Conference on Irrigation and Evaporation Reduction, 5-6 September, Shahid Bahonar University of Kerman.
- Hosseinfard**, S. J., M. Abdolahi. 2015. Evaluation of farmers' knowledge in time management of fertilizer application in pistachio orchards. 14th

E. List of publications

- Iranian Soil Sciences Congress, 16-18 September, Vali-e-Asr University, Rafsanjan.
- Hashemi, H., Shirani, H., **Hosseinfard**, S. J. 2015. Risk Assessment of Cd Intake by Pistachio consumption as compared to International Standards in Rafsanjan Pistachio orchards. 14th Iranian Soil Science Congress, 16-18 September, Vali-e-Asr University, Rafsanjan.
- Askari Hassanabadi, R., **Hosseinfard**, S. J. Heidari, M., Sabermahani, F. Nikooei Dastjerdi, M. 2015. Study of the relationship between soil cadmium, leaf, hull and pistachio fruit in orchards with high available P concentration and different salinity. 14th Iranian Soil Science Congress, 16-18 September, Vali-e-Asr University, Rafsanjan.
- Sedaghati, N., Mohammadi Mohammadabadi, A., **Hosseinfard**, S. J. 2015. Optimization of common pistachio irrigation methods to increase water use efficiency. 14th Iranian Soil Sciences Congress, 16-18 September, Vali-e-Asr University, Rafsanjan.
- Sedaghati, N., Alizadeh, A., Ansari, H., **Hosseinfard**, S. J. 2015. Studying changes of soil moisture and salinity as affected by plastic mulch in drip irrigation of pistachio trees. 14th Iranian Soil Science Congress, 16-18 September, Vali-e-Asr University, Rafsanjan.
- Pourmohammadali, B., S. J. **Hosseinfard**, M. H. Salehi, H. Shirani. 2015. Modeling Pistachio Yield Using Linear Multivariate Regression and Artificial Neural Network. National Conference on Scientific Approaches in Green Gold Industry, Pistachio, December 26, Islamic Azad University of Damghan.
- Mirhosseini, M., S. J. **Hosseinfard**, S. A. Mirhosseini. 2016. Investigation of arsenic and lead heavy metals contamination in drinking water of Rafsanjan. Second National Congress of Development and Extension of Iranian Soil and Agricultural Engineering, December 28, Tehran.
- Alizadeh Assar, H., A. Taghizadeh Ali Sarai; S. J. **Hosseinfard**. 2016. Application of Image Processing Method for Diagnosis of Deficiency and Toxicity of Nutrients on Pistachio Leaf. Second National Congress on the Path of Agricultural Sciences and Natural Resources Development.
- Alizadeh Assar, H., A. Taghizadeh Ali Sarai; S.J. **Hosseinfard**. 2016. Detection of nutrient deficiency and toxicity of pistachio leaf nutrients using neural network. Second National Congress on the Path of Agricultural Sciences and Natural Resources Development.
- Hosseinfard**, S. J., M. Abdolahi. Economic evaluation of organic fertilizers application in pistachio orchards. 15th Iranian Soil Sciences Congress, September 6-8, Isfahan University of Technology.
- Mohammadi Mohammadabadi, A., N. Sedaghati, S. J. **Hosseinfard**. The effect of changing from surface to subsurface irrigation system with cement pipe on water use efficiency of pistachio trees. 15th Iranian Soil Science Congress, September 6-8, Isfahan University of Technology.
- Sedaghati, N., A. Alizadeh, S. J. **Hosseinfard**. The Effect of Using Plastic Soil on Drip Irrigation on Soil Temperature in Pistachio Orchards. 15th Iranian Soil Science Congress, September 6-8, Isfahan University of Technology.
- Pourmohammadali, B., M. H. Salehi, S. J. **Hosseinfard**, H. Shirani, I. S. Esfandiarpour. 2016. Prediction of Pistachio Yield Using Genetic Hybrid

E. List of publications	
	<p>Algorithm - Artificial Neural Network (Case Study: Rafsanjan and Anar, Kerman Province). 15th Iranian Soil Science Congress, September 6-8, Isfahan University of Technology.</p> <p>Pourmohammadali, B., M.H. Salehi, S. J. Hosseinfard, H. Shirani, I. S. Esfandiarpour. 2018. Evaluation of management level of pistachio orchards in Rafsanjan and Anar cities. First International Conference and Third National Conference on Sustainable Management of Soil and Environmental Resources, September 13 and 14, Shahid Bahonar University of Kerman.</p> <p>Sedaghati, N., Mohammadi, A. M., Mohammadi Mohammadabadi, A., Hosseinfard, S. J. And Haghdel, M. Effects of different irrigation methods on the population of <i>Aspergillus flavus</i> in the soil of pistachio orchards. 16th Iranian Soil Sciences Congress, 5-7 September, Zanjan University.</p> <p>Mohammadi, A.M., Sedaghati, N., Haghdel, M. and Hosseinfard, S. J. 2019. Effect of the last pre-harvest irrigation on population fluctuations of <i>Aspergillus flavus</i> in soil and pistachiofruit. 16th Iranian Soil Science Congress, 5-7 September, Zanjan University.</p> <p>Mohammadi Mohammadabadi, A., Sedaghati, N. and Hosseinfard, S. J. 2019. Increasing water retention in soil by application of perlite and animal manure in pistachio orchard. 16th Iranian Soil Science Congress, 5-7 September, Zanjan University.</p> <p>Nejadasadi, R., Esfandiarpour Borojeni, I., Hamidpour, M. Hosseinfard, S. J. and Abbaszadeh Dehaji, P. 2019. Effect of culture media and time on solubility of sepiolite in presence of different bacterial strains. 16th Iranian Soil Science Congress, 5-7 September, Zanjan University.</p> <p>Hosseinfard, S. J., Basirat, M., Sedaghati, N. Mohammadi Mohammadabadi, A., and Nikooei Dastjerdi, M. R. 2019. Determination of optimum concentration of leaf nutrients in pistachio cv. Ahmadaghaie by DOP method. 16th Iranian Soil Science Congress, 5-7 September, Zanjan University.</p>

F. Patents		
Row	Title	Year
1		
2		
3		

G. Completed Research Project	
	Project Title
Project Leader	
1	Investigation of boron status in water, soil and pistachio plant in pistachio growing areas.
2	Identifying the nutritional requirement of pistachio by DRIS method.
3	The Effect of Light Duty Liquid Detergent (Dish Washing Detergent) on The Common Pistachio Psylla, Soil and Plant.

G. Completed Research Project	
4	The effects of using different nutrients on pistachio early splitting.
5	Comparison of Male and Female Pistachio Genotypes for Salinity Resistance Using Seedlings Produced by Controlled Pollination and Tissue Culture.
6	The effects of using iron fertilizers and four compound fertilizers on nutrients concentration and quantitative and qualitative characteristics of pistachio.
7	Study of Soil Properties, Concentrations of Leaf Nutrients and Different Parts of Pistachio pricarp on Early splitting of Pistachio.
8	Effect of water quality (total hardness, EC, pH) on emulsion stability of consumed pesticides in Kerman province.
9	Introducing the effect of gold bio-phosphate and manure in improving the quantity and quality of pistachio.
10	Study of leaves chlorosis problem of pistachio trees in Keshtkhan of Ardakan and presentation of proper suggestions in solving this problem.
11	Production of salinity resistant pistachio hybrid and evaluation of morphological markers of salinity resistance.
12	Study of soil properties and concentration of leaf nutrients in pistachio orchards with little leaf disorder (Ghermezoo).
13	Study of plastic mulch effect in surface drip irrigation system on supplying soil available nutrients and its concentration in pistachio trees leaf.
14	Studying the effects of foliar application of different concentration of potassium nitrate in nut filling period on pistachio trees.
15	Determination of optimum level for nutrients in two commercial cultivars of pistachio leaf by using DOP method in order to balance fertilization.
16	Effect of different quantities of perlite (Omran Muman Chabahr Co.) on nutrients absorption by pistachio trees.
17	Economic analysis of nutrition management in pistachio orchards of Anar and Rafsanjan cities.
18	Identifying researches, technologies and innovations in related to pistachio product in soil sciences.
19	The Study on Effects of Plastic Mulch and Surface Drip Irrigation on Water Use Efficiency and Growth and Yield of pistachio trees.
20	Investigating knowledge, technology and innovation of pistachio in Iran.
21	Evaluation of the effective factors on contamination of pistachio yield to aflatoxin in orchard.
Project Co-Worker	
21	Studying Zinc status in pistachio growing areas of Iran.
22	Isolation distribution of <i>Verticillium dahliae</i> , the causal agent of wilt disease of pistachio and pathogenicity of selected isolates on common rootstocks in pistachio growing areas of Iran.
23	Effect of Organic Fertilizer on Pistachio Infection with Aflatoxin.
24	Social and economic investigation of possibility of using water desalination machine in pistachio orchards of Rafsanjan.
25	The Effect of Different Levels of Nitrogen and Irrigation Frequency on Quantitative and Qualitative Characteristics of Pistachio.
26	Study of irrigation systems (surface, subsurface, kuzeh, T-Tape, drip and bubbler) on pistachio seedling.
27	Study on Jonoubegan suspension application by fertilizer-irrigation on physiological characteristics, cropping and quality of pistachio fruits.
28	Economic evaluation of orchard's management role on pistachio yield, quality and gross margin.
29	Investigation of economic damage level of common pistachio psylla for three commercial pistachio cultivars.

G. Completed Research Project	
30	Study on possibility of alternately irrigation borders for decrease of irrigation frequency in pistachio orchards.
31	The study on effects of magnetic water on some of physical and chemical soil characteristics and pistachio yield.
32	The study of the impacts of different amounts of gypsum use on some physico-chemical properties of soil and pistachio trees.
33	Investigate the possibility of converting pistachio hull to compost and vermicompost.
34	Evaluation of the effect of application of Stockosorb and Terracottem superabsorbent hydro gels on possibility of increase irrigation intervals of pistachio seedlings.
35	Comparison of Performance of Different Irrigation Systems from 6 to 10 Years on Pistachio Plant (Second Stage).
36	Management Strategy of Toxigenic Strains of <i>Aspergillus flavus</i> in Pistachio Growing Areas.
37	Physical and Chemical Changes in Fruit of Three Commercial Pistachio Cultivars to Determine the Best Harvest Time.
38	Study on changing irrigation system from surface to subsurface method with cement pipe on pistachio orchards.
39	Study on Changing Irrigation System from Surface (Flooding) to Subsurface Method with PVC Pipes on Pistachio Orchards.
40	Evaluation, identification and collection of new native pistachio cultivars and phenotypes in Ardakan region (Yazd province).
41	Investigating the Role of Time Management of Input Consumption in Improving Pistachio Productivity in Anar and Rafsanjan.
42	Recognition of Researches, Technologies and Innovations in Related to pistachio product on the Field of Water Sciences.
43	Effect of last irrigation time before harvesting on fluctuation of population of <i>Aspergillus</i> section Flavi in soil and pistachio fruit.

H. Honors and Awards				
Row	Title	Award Authority	Award Type	Year
1	Top Researcher	Chief of Pistachio Research Center	Letter of appreciation	2018
2	Top Researcher	Chief of Pistachio Research Center	Letter of appreciation	2016

I. Workshops and Training Courses				
Row	Title	Date	Place	Country
1	Remote Sensing	1999, 17-28 September	Agricultural Research, Education and Extension Organization.	Iran
2	Basis of information through national and international networks and Internet Services.	1999, 27-30 December	Ministry of Agriculture.	Iran
3	Introduction to digital interpretation of satellite data.	2000. 22-30 January	Ministry of Agriculture-Jahad.	Iran
4	Management Information Systems (Module of Agricultural Management).	2002, 22-26 September	Agricultural Research, Education and Extension Organization.	Iran

I. Workshops and Training Courses				
5	Educational Design in E-Learning.	2004, 27-28 January	Ministry of Science, Research and Technology	Iran
6	Dry planting of medicinal plants and Rose flowers	2015, 15 July	Kerman Agricultural and Natural Resources Research and education Center	Iran
7	Social Pathology	2015, 29 July	Kerman Agricultural and Natural Resources Research and education Center	Iran
8	Information Technology - Networking and Information Security in Organization	2016, 29 July	Kerman Agricultural and Natural Resources Research and education Center	Iran
9	Management of information and tools in organization	2017, 19 December- 1 January	Kerman Agricultural and Natural Resources Research and education Center	Iran
10	Introduction to the theoretical bases of applied statistics and experimental designs in agricultural sciences and method of analyze them with the help of SAS, SPSS and Excel soft wares	2017, 19-21 December	Pistachio Research Center, Rafsanjan	Iran
11	Technical and Engineering Selected Notes of Greenhouse	2017, 23 January- 19 February	Kerman Agricultural and Natural Resources Research and education Center	Iran
12	Reduction of agricultural waste and main strategy in promoting food security	2017, 23 January- 19 February	Horticultural Sciences Research Institute, Agriculture Research Education and Extension Organization (AREEO)	Iran
13	Acquaintance with the regulation of promotion and upgrade scientific rank of the faculty members of the organization	2017, 6 March	Horticultural Sciences Research Institute, Agriculture Research Education and Extension Organization (AREEO)	Iran
14	The foundations of science evaluation and the perspectives of science production	2018, 24 February	Horticultural Sciences Research Institute, Agriculture Research Education and Extension Organization (AREEO)	Iran