

Curriculum Vitae



Personal details:

First name: Pooya

Last name: Arvin

Email : pooya.arvin@gmail.com

Education:

PhD in Agronomy (2009-2012) Azad University of Science and Research Branch of Tehran (Iran)

Fields of Interests:

Crop physiology – Plant physiology – Medicinal plant physiology – Rapeseed oil physiology

Language:

Fluent in English

Certificated English documents in Advanced level from Management and Programming Organization of Iran (240 hours)

Certificated English documents in Advanced level from certification in English from Hafez Language Institute

Certificated English documents from Ministry of Science, Research and Technology of Iran (MCHE TEST)

Career and Experience:

- ☑ Head of Agriculture Department in Payame Noor University of North Khorasan Province (2013-Present)
- ☑ Chairman of Medicinal plants and genetic reserves workgroup of Elite foundation of North Khorasan Province (2018- Present)
- ☑ Assistant Professor and Faculty member of Payame Noor University of Bojnourd (2013-Present): Full time
- ☑ Teaching - Payame Noor University of Bojnourd (2010-2013): Part time
- ☑ Teaching – Azad University of Mashhad (2010- 2011): Part time
- ☑ Expert Rapeseed in Agricultural and Natural Resources Research Center of Mashhad (2008- 2011): Part time
- ☑ Expert of Agriculture - Cultivation and Industry Institute of Sarakhs (2001-2003): Full time
- ☑ Reviewer – Journal of Iranian Journal of Medical and Aromatic Plants with ISC Index (2014- Present): Part time
- ☑ Reviewer – Journal of Process and Plant Function with ISC Index (2017-Present): part time
- ☑ Reviewer – Journal of Agriculture Agroecology with ISC Index (2018-Present):part time

Project Research:

- 1- Study of Drought and some Plant Growth Promoting Rhizobacteria (PGPR) on Morphological and Physiological Traits of Different Cultivars and Species of Brassica Oilseed rape in Mashhad Region- PhD thesis
- 2- Study on the physiological and morphological basis of yield difference between spring cultivars species of rapeseed – M.Sc thesis
- 3- Study Effect of Gibberellins and salinity on growth analyses and physiological traits of savory plant- funding Agency: Payame Noor University
- 4- Study of different levels of salinity and temperature on germination characteristics of sesame - funding Agency: Azad University
- 5- Study of physiological indices, yield and yield component of different genotypes of sunflower in Bojnourd condition - funding Agency: Azad University
- 6- Study of different levels of nitrogen, phosphorus and potassium on physiological, morphological and essential oil parameters in Savory medicinal plant - funding Agency: Payame Noor University
- 7- Evaluation of soybean genotypes under drought stress conditions with TRI index - funding Agency: Payame Noor University
- 8- Effect of density and gibberellin on physiological, morphological, yield, yield components and essential oil of coriander - funding Agency: Payame Noor University (In progress)
- 9- Study effects of salinity stress on physiological, morphological and final yield of a genotypes of Fenugreek - funding Agency: Payame Noor University (In progress)

Published Work:

A-Book

Oilseed Rape Crop: Physiological and Morphological Differences between Spring Cultivars Species of Oilseed Rape. 2016. Lambert Academic Publisher. (In English)

B-Papers

1-Study of drought stress and plant growth promoting rhizobacteria on yield, yield component and seed oil content of different cultivars and species of brassica oilseed rape. *Annals of Biological Research*. 2012. Vol 3(9) (In English).

2-Study of dry matter partitioning into leaf, stem and pod at different oilseed rape cultivars. *International journal of biosciences*. 2014.vol 4(10). (In English).

3-Effects of different levels of Salinity on Germination of Four Component of Lentil Cultivars. *African Journal of Agricultural Research*. 2011,vol 6(12). (In English)

4-Effects of foliar application of zinc on physiological indices and "yield of three spinach cultivars in bojnourd, Iran .*African Journal of Agricultural Research*. 2011,vol 6(31) .(In English)

5-Study Different Levels of Zinc Sulphate ($ZnSO_4$) on Fresh and Dry Weight, Leaf Area, Relative Water Content and Total Protein in Bean (*Phaseolus vulgaris* L .) Plant. *Bulletin of Environment, Pharmacology and Life Sciences*. 2014. Vol 3(4). (In English)

6- Yield difference and radiation use efficiency of spring cultivars of the oilseed rape species. 2009. *Electronic Journal of Crop Production*. Vol 1(4):35-50. (in Persian with English Abstract)

7- A comparison of yield, harvest index and morphological characters of spring cultivars of the oilseed rape species. 2009. *Electronic Journal of Crop Production*. Vol 2(2):1-14. (in Persian with English Abstract)

8- A comparison of yield and physiological indices of spring cultivars of the oilseed rape species. 2009. *Seed and Plant Production Journal* .Vol 1(3): 401-417. (in Persian with English Abstract)

9- Effect of different level of salinity on germination parameters of 4 genotypes of season. *Dynamic Agriculture Journal* .2012. Vol 9(1): 1-8. (in Persian with English Abstract)

10-Effect of gibberellin on some morphological traits, photosynthetic pigments content and proline in savory (*Satureja hortensis* L.) under salinity stress conditions.*Journal of Crop*. 2015 Vol 7(2). *Production Research*. (in Persian with English Abstract)

11-Effect of drought and some Plant Growth Promoting Rhizobacteria (PGPR) on Radiation Use Efficiency and Partitioning Coefficient of dry matter to pods in oilseed rapeseed cultivars. Journal of Agroecology.2016. vol 8(1).(in Persian with English summary)

12-Study of Plant Growth Promoting Rhizobacteria (PGPR) and Drought on Physiological Traits and Ultimate Yield of Cultivars of Oilseed Rape (*Brassica spp* L.). Journal of Agroecology.2018. vol 4(9).(in Persian with English summary)

13-Study of different levels of nitrogen, phosphorus and potassium on physiological, morphological and essential oil parameters in Savory (*Satureja hortensis* L.) medicinal plant. Journal of plant research.2018- accepted. (in Persian with English Abstract)

14-Study of Different Levels of Nitrogen, Phosphorus and Potassium on Physiological and Morphological Parameters and Essential Oils in Savory Plant (*Satureja hortensis* L.)- 2017-accepted. (in Persian with English Abstract)

15-Evaluation of soybean genotypes (*Glycin max* L.) under drought stress conditions using TRI index. Journal of crop breeding. 2018-accepted. (in Persian with English Abstract)

16-Study of the effect of plant density and gibberellin on some morphological, physiological traits and essential oil content of coriander (*Coriandrum sativum* L.)-2018- accepted. (in Persian with English Abstract)

C-Congress

1- Determination of leaf partitioning coefficients between spring rapeseed cultivars.2011. 13th international rapeseed congress. Czech republic. Prague.

2- study of some physiological indices and yield of spring cultivars species of rapeseed. 2011. 13th international rapeseed congress. Czech republic. Prague.

3- Effect of foliar application of zinc on yield and growth analysis of three spinach cultivars in Bojnourd (Iran) area.17-19 june 2009.XXX111-CIOST.Reggio calabria Italy.Faculty of agriculture

4- Yield difference and radiation use efficiency of spring cultivars of the oilseed rape species. 17-19 june 2009.XXX111-CIOST.Reggio calabria Italy.Faculty of agriculture

5- evaluation of correlation coefficient between yield, yield component and harvest index in spring rapeseed cultivars. 22-23 December 2010. The 3rd international seminar on oil seeds and edible oils. IRIB International conference center , Tehran (Iran).

6- comparison of different sunflower genotypes about physiological traits , yield and yield component. 22-23 December 2010. The 3rd international seminar on oil seeds and edible oils. IRIB International conference center , Tehran (Iran).

- 7-** effect of different level of nitrogen fertilizer application on morphological traits , yield and yield component of sunflower (Mesters cultivar). 22-23 December 2010. The 3rd international seminar on oil seeds and edible oils. IRIB International conference center , Tehran (Iran).
- 8-** correlation between yield of cold resistance cultivars of oilseed rape with morphological traits in time of planting.23-24 September 2009. national congress of oil crops. University of industrial Esfahan (Iran).
- 9-** evaluation of some morphological traits of spring oilseed rape species .17-18 February 2010.The 1rd national seminar of science of agronomy.Azad university of Ghaem shahr (Iran)
- 10-** Efect of foliar application of zinc on yield and growth analysis of three spinach cultivars in Bojnourd (Iran) area. 17-18 February 2010.The 1rd national seminar of science of agronomy.Azad university of Ghaem shahr (Iran).
- 11-** determination of leaf partitioning coefficient between spring rapeseed cultivars.26-27 June 2010. national congress of new findings in oilseed crops production. Azad university of bojnurd(Iran).
- 12-** study and evaluation effect of vascular and stomata on final yield formation of spring rapeseed species and cultivars. 26-27 June 2010. national congress of new findings in oilseed crops production. Azad university of bojnurd(Iran).
- 13-** evaluation of different germination factors of sesame genotypes on different levels of salt stress. 26-27 June 2010. national congress of new findings in oilseed crops production. Azad university of bojnurd(Iran).
- 14-** comparison of different sunflower genotypes about physiological traits , yield and yield component. 26-27 June 2010. national congress of new findings in oilseed crops production. Azad university of bojnurd(Iran).
- 15-** A comparison of yield , harvest index and morphological characters of spring cultivars of the oilseed rape species 25 February 2008 . oil seeds congress. Applied science university . Kordkoy (Iran).

Honors :

Honors student (top student) in :

B.Sc with total average of (17.48)

M.Sc with total average of (18.36)

PhD with total average of(19.67)

* all documents that prove these statements , are available.