

Azim Ghasemnezhad, Professor in Gorgan University of Agricultural Sciences and Natural Resources

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PERSONAL

Date of Birth: 06,03,1977

Place of Birth: Roodsar- Iran

Marital Status: Married

EDUCATION

High School: Agricultural school, Lahijan, Iran

College: University of Tehran, Bachelor, Iran

Graduate: University of Tehran, Master, Iran

Post- graduate: JLU University, Giessen, Germany

Field of work: Medicinal and aromatic plants production and quality analysis

Experience

- Scientific member of university since 2005

Projects

- Investigation of *Lallemantia royleana* (a traditional medicinal plant in Iran), Study on evening primrose in field of agronomy and seed oil quality
- Study the effect of some agronomical factors on stability and the quality of artichoke in northern Iran
- Salinity and artichoke as a medicinal plants
- Rootstock and the pharmaceutical quality of thompson novel fruit
- Harvest time and the quality of offshoots leaves of artichoke
- Quality of artichoke leaves and petioles affect by draying methods
- Harvest times and the quality of olive
- Harvest times and the quality of mandarin and orange

PUBLICATIONS

International

- 1- Honermeier B., Ghasemnezhad A., Beiten S., 2005. Effect of autumn and spring sowing time on evening primrose seed oil quality and quantity, *Journal of Medicinal and Spice plants*. 4; 187-193.
- 2- Ghasemnezhad A. and Honermeier B, 2007. Seed yield, oil content and fatty acid composition of *Oenothera biennis* L. affected by harvest date and harvest method. *Industrial crops and products*, 25; 274-281.
- 3- Ghasemnezhad A, Cergel S and Honermeier B, 2007. The impact of storage time and temperature on the quality of the oil of evening primrose (*Oenothera biennis* L.). *Journal of Medicinal and Spice plants*. 12(4): 175-180.
- 4- Ghasemnezhad A and Honermeier B, 2008. Yield, oil constituents and protein content of evening primrose (*Oenothera biennis* L.) seeds oil depending on harvest time, harvest method and nitrogen application. *Industrial Crops and Products*. 28(1); 17-23
- 5- Ghasemnezhad A and Honermeier B, 2009. Effect of water deficiency and cold stress on evening primrose seed quality, *Journal of Agricultural Science and technology*, 3(8), 22-30
- 6- Ghasemnezhad A and Honermeier B, 2009. Influence of storage on quality and viability of high and low oleic sunflower seed, *Journal of plant production*. 3(4); 39-47
- 7- Ghasemi Y, Mashayekhi K, Ghasemnezhad A, Movahhedi S.A., 2009. The effect of calcium and magnesium on carrot (*Dacus carrota*) petiole somatic embryogenesis. *Journal of plant production*. 3(4);67-70
- 8- Rahimi A.R, Mashayekhi K, Ghasemnezhad A, Ebrahimi P., 2009. Salicylic acid plus nutritional minerals influence the essential oil production and linalool accumulation of coriander seeds (*Corianderum sativum* L.). *Journal of Medicinal and Spice plants*. 14(4); 167-171
- 9- Nasrolanejad Saied, Ghasemnezhad Azim, 2009. Detection and Identification Causal Agent of Stone Fruit Brown Rot in Northern Iran. *Australian Journal of Basic and Applied Sciences*. 3(3): 2939-2943.
- 10- Ghasemnezhad A, Mosavizadeh SJ, Mashayekhi K, 2011. A study on evening primrose (*Oenothera biennis* L.) callus regeneration and somatic embryogenesis. *Iranian Journal of Biotechnology*. 9(1), p 31-36.
- 11- Rezazadeh A, Ghasemnezhad A, Barani M, 2012. Effect of salinity on phenolic composition and antioxidant activity of Artichoke (*Cynara scolymus*) leaves. *Research Journal of Medicinal plant* 6(3) 245-252.

- 12- Ghasemnezhad A., Honermeier B., 2012. The seed yield and the seed quality of desiccated and non-desiccated evening primrose (*Oenothera biennis* L.). *Journal of medicinal plants and By- products*, 1: 59-65
- 13- Nejadhoseinh S.A., Nasrolanejad, Dordipour E., Ghasemnezhad A., 2013. Effect of calcium dinitrate, potassium nitrate and salicylic acid on nicotin content of Tobacco leaves infected by PVY, *International Journal of AgriScience*, 3(1):37-46
- 14- The phytochemical changes of violet flowers (*Viola cornuta*) response to exogenous salicylic acid hormone, *Journal of Chemical Health Risks*, 3(4), 2013
- 15- Yield and Antioxidant Activity of Artichoke Leaves (*Cynara scolymus* L.) Affected by some Agronomical Factors in Golestan Province of Iran, *Journal of Medicinal Plants and By-products* (2014) 1: 27-33
- 16- Assessment of some phenolic acids of artichoke callus under in vitro conditions, *Iranian Journal of Plant Physiology*, Vol (4), No (4)
- 17- Effect of Magnetic Salinated Water on some Morphological and Biochemical Characteristics of Artichoke (*Cynara scolymus* L.) Leaves, 2014. *Journal of Medicinal Plants and By-products* 2: 21-26
- 18- Changes in Chlorophyll Content, External Quality Characters, Dry Weight and Vase Life of *Strelitzia* (*Strelitzia* spp.) Leaves Affected by Different Preservative Solutions, 2014. *Journal of Plant Physiology and Breeding* 2014, 4(2): 1-8
- 19- A study on the effect of endophyte fungus, *Piriformospora indica*, on the yield and phytochemical changes of globe artichoke (*Cynara scolymus* L.) leaves under water stress, *International journal of Advanced Biological and Biomedical Research* Volume 2, Issue 6, 2014: 1907-1921
- 20- Effect of explants types, culture media and concentrations of plant growth regulator on callus induction rate in Artichoke (*Cynara scolymus* L.), 2014. *International Journal of Biotechnology Research* Vol. 2(6), pp. 070-074
- 21- Assessment of essential oil constituents and main agromorphological variability in *Satureja mutica* populations, *Brazilian Journal of Botany*, 2015 online available
- 22- An approved protocol for cynara scolymus and momordica charantia seed surface sterilization for pre-explant in-vitro culture using allium extract, 2015, *Journal of Biology and Nature* 4(1): 47-55
- 23- In vitro estimation of antioxidant compounds of artichoke (*Cynara scolymus* L.) as affected by methyl jasmonate and salicylic acid, 2015. *Journal of Chemical and Pharmaceutical Research*, , 7(12):991-996
- 24- In vitro estimation of antioxidant compounds of artichoke (*Cynara scolymus* L.) as affected by methyl Jasmonate and salicylic acid, *Journal of Chemical and Pharmaceutical Research*, 2015
- 25- A Ghasemnezhad, M Rahimbareshi, M Alizadeh, A Yamochi, 2015. Study the effect of salt stress on antioxidant compounds of artichoke under invitro conditions, *Ethno-Pharmaceutical Products*
- 26- A Bagherifard, A Ghasemnezhad, A Bagheri, M Barani Motlagh, 2015. Quality performance of Artichoke (*Cynara scolymus* L.) leaves as irrigated by magnefied water, *Ethno-Pharmaceutical Products*

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- 30- E Karimi, A Ghasemnezhad, J Hadian, M Ghorbanpour, 2016. Assessment of essential oil constituents and main agro-morphological variability in *Satureja mutica* populations, *Brazilian Journal of Botany* 39 (1), 77-85
- 31- M Abshahi, H Zarei, A Ghasemnezhad, M Aghdasi, 2016. Gibberellic Acid (GA3) and Benzyl Adenine (BA) Effects on the Vase Life of Cycad's Cut Foliage. *Journal of Ornamental & Horticultural Plants* 6 (1)
- 32- S Samadi, A Ghasemnezhad, J Imani, 2016. Extending shelf life of strawberry using some pre-storage treatments, VIII International Strawberry Symposium 1156, 643-652
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- 47- A Sadeghi Mahoonak, A Ghasemnezhad, 2019. Evaluation of partial replacement of sugar with spray dried stevia powder on the physicochemical and sensory properties of Aloe Vera jelly. *Journal of food science and technology*, 15 (85), 125-139
- 48- A Ghasemnezhad, MK Aghaei, M Ghorbanpour, 2019. The Importance of Iranian Borage (*Echium amoenum* Fisch. Mey): A Critical Review, *Medicinal Plants*, 51-57
- 49- B Rezaee, A Ghasemnezhad, E Zeinali, 2019. A Study on the effect of moist-chilling and GA3 application on evening primrose (*Oenothera biennis L.*) seed germination, *Iranian Journal of Plant Physiology* 9 (4), 2931-2941
- 50- H Sabourifard, A Ghasemnezhad, K Hemmati, A Hezarjaribi, M Bahrami, 2019. Performance evaluation of Artificial Neural Networks to estimate, summer savory (*Satureja hortensis L.*) essential oil yield based on the easily available soil properties, *Journal of Plant Production Research* 26 (2), 47-58
- 51- M Salmalian, A Ghasemnejad, K Mashayekhi, The effect of salicylic acid, methyl jasmonate and NaCl stimulants on biochemical compounds of stevia's callus in solid and liquid media, *Iranian Journal of Medicinal and Aromatic Plants Research* 35 (5), 731-744.
- 52- A Forouzi, A Ghasemnezhad, R Ghorbani Nasrabad, 2019. Effects of growth stimulator microbes on growth and ions concentration of stevia under salinity stress conditions, *International Journal of Horticultural Science and Technology* 6 (2), 217-236
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- 57- AM Khorsandi, A Ghasemnezhad, SJ MOUSAVIZADEH, 2020. Seed germination and phytochemical variations of two Iranian borage (*Echium amuenum* Fisch & CA Mey) under the influence of cultivation location, *Journal of Plant Environmental Physiology* 14 (56), 1-12

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- 63- A Forouzi, A Ghasemnezhad, RG Nasrabad, 2020. Phytochemical response of *Stevia* plant to growth promoting microorganisms under salinity stress, South African Journal of Botany 134, 109-118
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- 65- M Rivandi, A Ghasemnezhad, 2020. Investigation on the effect of salinity and bicarbonate of irrigation water on flowers yield and yield components of saffron under field conditions, Journal of Saffron Research 8 (2), 241-253
- 66- A Ghasemnezhad, A Frouzy, M Ghorbanpour, O Sohrabi, 2021. Microbial Endophytes: New Direction to Natural Sources, Endophytes: Mineral Nutrient Management, Volume 3, 123-155
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- among and within major Iranian Juniper (*Juniperus* spp.) populations, *Phytochemistry* 186, 112737
- 73- M Azadbakht, B Eshaghi, A Motevali, A Ghasemnezhad, 2022. Evaluating the effects of blanching and microwave pre-treatments on variations in some selected physiological factors of artichoke leaves in fluidized bed dryer. *Iranian Food Science & Technology Research Journal* 17 (6)
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- 81- M Ashnavar, A Ghasemnezhad, M Khoshhal Sarmast, K Rahnama, 2022. Molecular and morphological identification of endophytic fungi isolated from aerial parts of yew tree, *Journal of Plant Molecular Breeding*
- 82- Mozhdeh Bagherinasab¹, Azim Ghasemnezhad, Khodayar Hemmati³, Alireza Sadeghipour, 2022, *Journal of Medicinal Plants Biotechnology*, Evaluation of the effect of elicitors and metabolite precursors on the enzymatic activity of callus of two yew species in vitro
- 83- Azadeh Alizadeh¹, Azim Ghasemnezhad¹, Aboutaleb Hezarjaribi¹, Mohammad Zaman Aladdin, 2023. The Effect of Soil Physical and Chemical Properties on the Performance Indices of Artichoke's Leaf using Artificial Neural Network (ANN), *Journal of Medicinal Plant and By-products*
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