

## Mohammad Eghbal Ghobadi Dr.

### Papers (in domestic and foreign journals)

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- Aliakbari, S., Heidari, H., Saeidi, M. and Ghobadi, M. E. 2023. Increasing maize and sunflower seed yield using plastic mulch: an approach to optimum use of water. *Advanced Technologies in Water Efficiency*, 3(3): 53-67.
- Beheshtizadeh, R., Ghobadi, M. E. and Ghamarnia, H. 2023. Effect of drought stress and nitrogen fertilizer on the growth and yield of stevia (*Stevia rebaudiana* Bertoni) in the second year of growth. *Environmental Stresses in Crop Sciences*, 16(4): 1043-1058.
- Habibpour, S., Amini Dehaghi, M., Ghobadi, M. and Kordenaeej, A. 2023. Investigating the dust deposition on some physiological characteristics of soybean. *Agrotechniques in Industrial Crops*, 3(3): 133-142.
- Teimoori, R., Saeidi, M., Jalali honarmand, S., Ghobadi, M. E. and Ghobadi, M. 2023. Effect of exogenous application of plant growth regulators on quantitative and qualitative of grain yield and gas exchange rate of different bread wheat cultivars. *Iranian Journal of Field Crop Science*, 54(1): 213-227.
- Hadidi, M., Ghobadi, M., Saeidi, M. and Ghobadi, M. E. 2023. Grain yield, its components and some physiologic characteristics of flag leaf in commercial wheat cultivars in response to post-anthesis drought stress. *Cereal Biotechnology and Biochemistry*, 2(2): 153-169.
- Rezaei, N., Saeidi, M., Sasani, S., Jalali Honarmand, S. and Ghobadi, M. E. 2023. Evaluation of different bread wheat cultivars in some physiological characteristics, thermal requirement and crop yield in Kermanshah region. *Cereal Biotechnology and Biochemistry*, 2(1): 74-93.
- Khosravi, A., Khoramivafa, M. and Ghobadi, M. E. 2023. Investigation of influence of cultivation method on karela (*Momordica charantia*) yield under different levels of urea fertilizer and poultry. *Journal of Vegetables Sciences*, 7(2): 107-121.
- Zangeneh, M.M., Ghobadi, M.E. and Khoramivafa, M. 2022. Effects of drought stress and nitrogen on yield and some physiological characteristics of Quinoa (*Chenopodium quinoa* Willd.). *Crop Physiology Journal*, 14(53): 49-64.
- Yazdandoost Hamedani, M., Ghobadi, M., Ghobadi, M. E., Jalali Honarmand, S. and Saeidi, M. 2022. The effect of foliar application of some chemical compounds on antioxidant enzymes activity and chlorophyll fluorescence of sunflower in different irrigation conditions. *Journal of Crops Improvement*, 24(1): 1-14.
- Rasaei, A., Jalali-Honarmand, S., Saeidi, M. and Ghobadi, M.E. 2022. Effects of plant growth regulator on some photosynthesis parameters and growth of two dryland wheat cultivars. *Iranian Dryland Agronomy Journal*, 11(1): 115-130.
- Mohebbi, M., Ghobadi, M. E. and Chaghazardi, H. R. 2022. The effect of seed treatment with salicylic acid, humic acid and zinc on the yield of durum wheat under rainfed conditions. *Cereal Biotechnology and Biochemistry*, 1(3): 318-334.
- Rostami, F. and Ghobadi, M.E. 2021. Investigation the effect of bentonite sulfur and nitrogen levels on root growth and physiological characteristics and yield of wheat (*Triticum aestivum* L.). *Crop Physiology Journal*, 13(50): 5-22.
- Rezaei, N., Saeidi, M., Sasani, S., Jalali Honarmand, S. and ghobadi, M. E. 2022. Investigation of biochemical traits related to cold tolerance in different bread wheat cultivars with different growth types in Kermanshah region. *Cereal Biotechnology and Biochemistry*, 1(1): 67-87.
- Ranjbar, S., Ghobadi, M.E. and Ghobadi, M. 2021. Influence of dust deposition and light intensity on yield and some agro-physiologic characteristics of chickpea (*Cicer arietinum* L.) in dry conditions. *Iranian Journal Pulses Research*, 12(2): 69-84.
- Neamat Mohammed, T., Jalali-Honarmand, S., Ghobadi, M. E. and Rasaei, A. 2021. Effects of exogenous application of plant hormones on yield and physiological characteristics of pea under supplemental irrigation. *Journal of Vegetables Sciences*, 5(1): 175-190.
- Teimouri, N., Saeidi, M., Ghobadi, M. E. and Sasani, S. 2020. The effect of cut of irrigation at the end of the growing season on grain yield and some physiological characteristics of bread wheat cultivars. *Crop Physiology Journal*, 13(46): 111-129.
- Karimi, A., Ghobadi, M. E., Ghobadi, M. and Nosrati, I. 2020. Study the effect of irrigation termination at different growth stages of corn on content and amount of grain's elements. *Environmental Stresses in Crop Sciences*, 13(3): 749-762.
- Habibpour, S., Ghobadi, M. E., Dehaghi, M. A. and Kordenaeej, A. 2020. Impact of dust accumulation on yield and yield components of soybean. *Acta Agriculturae Slovenica*, 116(1): 145-155.
- Taherinezhad, A., Ghobadi, M.E., Jalali-Honarmand, S. and Heidari, H. 2019. The study of Azotobacter and urea fertilizers application on morphological characteristics of roots and shoot of barley. *Journal of Plant Ecophysiology*, 38(11): 187-198.

- Sayadi, F., Saeidi, M., Jalali Honarmand, S., Sasani, S. and Ghobadi, M. E. 2019. Effects of post anthesis water deficit on physiological characteristics of current and storage sources and production capacity of temperate wheat cultivars. *Journal of Agroecology*, 11(2): 723-737.
- Lotfi, S., Ghobadi, M., Jalali Honarmand, S. and Ghobadi, M. E. 2019. Assessment of the standard germination test to predict seedling emergence of lentil (*Lens culinaris* L.) in rainfed farm. *Iranian Journal of Seed Science and Technology*, 8(1): 213-225.
- Yazdandoost Hamedani, M., Ghobadi, M., Ghobadi, M. E., Jalali Honarmand, S. and Saeidi, M. 2019. Influence of foliar application of some chemicals on gas exchange, water relations and photosynthetic traits in sunflower (*Helianthus annuus* L.) under different irrigation regimes. *Iranian Journal of Field Crops Research*, 17(3): 477-489.
- Karimi, A., Ghobadi, M. E., Ghobadi, M. and Nosratti, I. 2019. Studying the effect of no irrigation on grain yield and physiological characteristics of corn (*Zea mays* L., S.C.704) in summer planting. *Environmental Stresses in Crop Sciences*, 12(4): 1151-1163.
- Hosseini, S. S., Heidari, H., Ghobadi, M. E. and Nosratti, I. 2020. Effect of dew-irrigation on seed germination in flax, fenugreek, and fennel. *Water Supply*, 20(1): 269-276.
- Taheri Nezhad, A., Ghobadi, M. E., Jalali Honarmand, S. and Heidari, H. 2019. Investigating the interaction of azotobacter and nitrogen application on the remobilization, yield and yield components of grain barley (*Hordeum vulgare* L.). *Journal of Agroecology*, 11(3): 893-908.
- Ghobadi, M., Lotfi, S., Jalali Honarmand, S. and Ghobadi, M. E. 2020. The comparison of electrical conductivity, imbibition and hiltner tests to predict seedling emergence of lentil in the field. *Iranian Journal of Seed Sciences and Research*, 6(4): 501-512.
- Ghamarnia, H., Nazari, B. and Ghobadi, M. E. 2017. The possibility uses of shallow groundwater by legumes plants (Evidence by examining two chickpea cultivars) in semi-arid climate. *Iranian Journal of Irrigation & Drainage*, 11(3): 346-355.
- Roshani, R., Ghobadi, M., Ghobadi, M.E. and Saeidi, M. 2018. Study on possibility of predict seedling farm emergence and establishment of dryland barley by standard germination test. *Iranian Journal of Seed Sciences and Research*, 5(1): 41-53.
- Ghobadi, M. E., Khas-Amiri, M., Ghobadi, M. and Mohammadi, G. 2018. Interaction of Rhizobium inoculation and nitrogen levels on some morphophysiological and yield characteristics of soybean (*Glycine max* L.) varieties in Kermanshah climate conditions. *Journal of Crop Production*, 11(3): 77-93.
- Lotfi, S., Ghobadi, M., Jalali-Honarmand, S. and Ghobadi, M. E. 2018. Evaluation of osmotic stress test to predict the emergence of lentil (*Lens culinaris* Medic.) seedlings in the field. *Environmental Stresses in Crop Sciences*, 11(4): 1059-1072.
- Noori, K., Ghobadi, M. E. and Ghamarnia, H. 2017. The effect of waterlogging on yield and yield components of chickpea under dry farming. *Journal of Crop Production*, 10(3): 51-64.
- Akbari, M., Ghobadi, M. E., Ghobadi, M., Jalali-Honarmand, S. and Saeidi, M. 2018. Effect of decapitation and exogenous application of gibberellic acid (GA3) and cytokinin (CK) on some physiological characteristics of stevia. *Cellular and Molecular Biology*, 64(2): 50-56.
- Saeidi, M., Ardalani, S., Jalali-Honarmand, S., Ghobadi, M. E. and Abdoli, M. 2017. Antioxidant enzyme responses and crop yield of wheat under drought stress and re-watering at vegetative growth period. *Iranian Journal of Plant Physiology*, 8(1): 2257-2267.
- Ghobadi, M. E., Ghobadi, M. and Zebarjadi, A. 2017. Effect of waterlogging at different growth stages on some morphological traits of wheat varieties. *International Journal of Biometeorology*, 61(4): 635-645.
- Mohammadpoor, G., Ghobadi, M. E., Mohammadi, G. and Ghobadi, M. 2017. Effects of different amounts of nitrogen and azotobarvar on growth characteristics and yield of chickpea (*Cicer arietinum* L.). *Journal of Agroecology*, 9(1): 129-141.
- Rasaei, A., Jalali-Honarmand, S., Saeidi, M., Ghobadi, M. E. and Khanizadeh, S. 2017. Wheat grain quality and its relationship with plant growth regulators. *Pakistan Journal of Agricultural Sciences*, 54(1): 123-127.
- Rasaei, A., Honarmand, S. J., Saeidi, M., Ghobadi, M. E. and Khanizadeh, S. 2017. Effects of selected plant growth regulators on bread wheat spike development. *Sustainable Agriculture Research*, 6(2): 115-124.
- Ghamarnia, H., Nazari, B. and Ghobadi, M.E. 2017. Estimation of chickpea (*Cicer arietinum* L.) (Bivanij) water requirement, singleanddual crop coefficient in lysimeter conditions and comparison with the SIMDualKc model. *Iranian Journal Pulses Research*, 8(1): 164-179.
- Hamzehei, R., Davtyan, V., Ghobadi, M.E., Parvizi, K. and Ghadami-Firoozabadi, A. 2018. Effect of deficit irrigation on some physiological characteristics and yield in two potato (*Solanum tuberosum* L.) cultivars. *Plant Products Technology (Agricultural Research)*, 17(2): 15-26.
- Bayat, P., Ghobadi, M., Ghobadi, M. and Mohammadi, G. 2017. Assessing the ability of osmotic stress test to predict emergence and establishment of chickpea (*Cicer arietinum* L.) seedlings in the field. *Environmental Stresses in Crop Sciences*, 10(1): 79-89.

- Felekari, H., Ghobadi, M. E., Ghobadi, M., Halali Honarmand, S. and Saeidi, M. 2017. Effect of dust deposition on yield and yield components of chickpea (*Cicer arietinum* L.) under rain fed and supplemental irrigation conditions in Kermanshah. *Journal of Agroecology*, 9(2): 535-544.
- Bayat, P., Ghobadi, M., Ghobadi, M. and Mohammadi, G. 2016. Evaluation the ability of standard germination test to predict emergence and establishment of chickpea (*Cicer arietinum* L.) seedlings in field. *Iranian Journal of Seed Science and Technology*, 5(1): 27-38.
- Bayat, P., Ghobadi, M., Ghobadi, M. and Mohammadi, G. 2016. Calibration of accelerated aging test as a vigor test to predict the seedling emergence of chickpea (*Cicer arietinum* L.) in field conditions. *Iranian Journal Pulses Research*, 7(1): 9-24.
- JalaliHonarmand, S., Rasaei, A., Saeidi, M., Ghobadi, M. and Khanizadeh, S. 2019. Impact of foliar application of growth hormones at stages of yield components formation of two wheat cultivars under dry-land conditions. *Crop Physiology Journal*, 8(29): 43-57.
- Fetri, M., Ghobadi, M. E., Ghobadi, M. and Mohammadi, G. 2016. Effect of sowing depth and mulching types on soil water storage at different growth stages of chickpea under rainfed farming. *Iranian Journal Pulses Research*, 7(1): 135-144.
- Ghobadi, M. and Fatahi, S. 2016. Effects of plant density and water stress on growth characteristics, yield and oil content of Coriander (*Coriandrum sativum* L.). *Iranian Journal of Medicinal and Aromatic Plants Research*, 32(5): 924-935.
- Felekari, H., Ghobadi, M.E., Mohammadi, G.R. and Jalali-Honarmand, S. 2017. Evaluation of wheat cultivars for physiological traits under different levels of nitrogen and irrigation. *Plant Products Technology (Agricultural Research)*, 16(2): 97-109.
- Ghobadi, M. E., Yari Kamrani, L., Ghobadi, M. and Jalali Honarmand, S. 2016. The study of some seed vigor characteristics of Chickpea (*Cicer arietinum* L.) under shading on mother plant. *Iranian Journal of Seed Sciences and Research*, 3(4): 43-52.
- Abdoli, M., Saeidi, M., Jalali-Honarmand, S., Mansourifar, S. and Ghobad, M. E. 2016. Effects of photosynthetic source limitation and post-anthesis water deficiency on grain filling rate, photosynthesis and gas exchange in bread wheat cultivars. *Environmental Stresses in Crop Sciences*, 8(2): 131-147.
- Ardalani, S., Saeidi, M., Jalali Honarmand, S., Ghobadi, M. E. and Abdoli, M. 2015. Effect of post anthesis drought stress on some agronomic and physiological traits related to source strength in four bread wheat genotypes. *Cereal Research*, 5(1): 45-65.
- Mohammadi, G., Safari-Poor, M., Ghobadi, M.E. and Najaphy, A. 2015. The effect of green manure and nitrogen fertilizer on corn yield and growth indices. *Journal of Agricultural Science and Sustainable Production*, 25(2): 105-124.
- Ardalani, S., Saeidi, M., Jalali Honarmand, S. and Ghobadi, M. 2015. The effect of drought tension after pollination on some physiological characteristics and grain quality of different wheat genotypes. *Crop Physiology Journal*, 7 (27): 5-19.
- Mohammadi, G., Safari Poor, M., Ghobadi, M.E. and Najaphy, A. 2015. Corn yield and quality and weed growth under different nitrogen levels by application of legume and non-legume green manures. *Journal of Agricultural Science and Sustainable Production*, 25(1): 45-64.
- Mohammadi, G., Kakaien, A. M., Ghobadi, M.E. and Najaphy, A. 2015. Effects of rye and common vetch cover crops as pure and mixed on soil physicochemical characteristics. *Journal of Agricultural Science and Sustainable Production*, 25(2): 47-63.
- Kakaeian, A. M., Mohammadi, G. R. and Ghobadi, M. E. 2016. Weed growth in response to cover crops during fallow period or incorporated into the soil at different times. *Thai Journal of Agricultural Science*, 6(49): 19-26.
- Felekari, H., Ghobadi, M.E., Mohammadi, G., Honarmand, S.J. and Ghobadi, M. 2014. Effects of supplemental irrigation and nitrogen levels on seed yield and some morphophysiological traits of two dryland wheat cultivars. *Journal of Plant Ecophysiology*, 18(6): 28-42.
- Felekari, H., Ghobadi, M.E., Mohammadi, G., Jalali Honarmand, S., Ghobadi, M. and Saeedi, M. 2014. Effect of supplemental irrigation and nitrogen fertilizer on growth indices of two durum wheat cultivars in Kermanshah conditions. *Crop Physiology Journal*, 6(22): 101-113.
- Felekari, H., Ghobadi, M. E., Ghobadi, M., Honarmand, S. J. and Saeidi, M. 2014. The effect of post anthesis source and sink limitation in wheat cultivars under moderate condition. *International Journal of Biosciences*, 5(5): 52-59.
- Ghobadi, M., Salahi, H., Ghobadi, M. E. and Mansoorifar, S. 2014. The effect of supplementary irrigation and methods of nitrogen application on grain yield and its components in chickpea. *Journal of Crops Improvement*, 16(3): 585-598.
- Fetri, M., Ghobadi, M. E., Ghobadi, M. and Mohammadi, G. 2015. Effects of mulch and sowing depth on yield and yield components of rain-fed chickpea (*Cicer arietinum*. L). *Jordan Journal of Agricultural Sciences*, 11(4): 1063-1072.

- Abdoli, M., Saeidi, M., Jalali-Honarmand, S., Mansourifar, S. and Ghobadi, M. E. 2015. Evaluating the effect of water deficit and source limitation on grain yield and remobilization of dry matter at post anthesis in bread wheat cultivars. *Environmental Stresses in Crop Sciences*, 7(2): 137-154.
- Ardalani, S., Saeidi, M., Jalali-Honarmand, S., Ghobadi, M.E., and Abdoli, M. 2014. The physiological responses and antioxidant enzyme activity in bread wheat genotypes under post anthesis drought tension. *Crop Physiology Journal*, 6(21): 45-59.
- Ardalani, S., Saeidi, M., Jalali-Honarmand, S., Ghobadi, M.E. and Abdoli, M. 2014. Evaluation of grain yield and its relationship with remobilization of dry matter in bread wheat cultivars under water deficit stress at the post anthesis. *Iranian Dryland Agronomy Journal*, 3(2): 173-195.
- Ghamarnia, H., Jafarizade, M., Meri, E. and Ghobadi, M. E. 2013. Lysimetric determination of *Coriandrum sativum* L. water requirement and single and dual crop coefficients in a semiarid climate. *Journal of Irrigation and Drainage Engineering*, 139(6): 447-455.
- Rasaei, B., Ghobadi, M. E., Khas-Amiri, M. and Ghobadi, M. 2013. Effect of osmotic potential on germination and seedling characteristics of soybean seeds. *International Journal of Agriculture and Crop Sciences*, 5(11): 1265-1268.
- Taherabadi, S., Ghobadi, M., Ghobadi, M. E., Mohammadi, G. and Honarmand, S. J. 2013. Using stress resistance indices in sunflower cultivars under mild and severe drought stress conditions. *American-Eurasian Journal of Agricultural & Environmental Sciences*, 13(7): 975-981.
- Ghobadi, M., Taherabadi, S., Jalali Honarmand, S., Ghobadi, M.E. and Mohammadi, G. 2013. Some morphologic traits and oil variations in sunflower (*Helianthus annuus* L.) affected by irrigation regimes. *Bulletin of Environment, Pharmacology and Life Sciences*, 2(7): 73-77.
- Taherabadi, S., Ghobadi, M., Ghobadi, M. E., Mohammadi, G., Honarmand, S. J. and Allahmoradi, P. 2013. Effects of irrigation regimes on grain yield and its components in sunflower (*Helianthus annuus* L.) as second crop. *Bulletin of Environment, Pharmacology and Life Sciences* 2(7): 68-72.
- Abdoli, M., Saeidi, M., Jalali-Honarmand, S., Mansourifar, S. and Ghobadi, M. E. 2013. Effect of source restriction and drought stress during grain growth on grain yield and its components of winter bread wheat cultivars. *International Journal of Agronomy and Plant Production*, 4(5): 1048-1059.
- Ghobadi, M., Taherabadi, S., Ghobadi, M. E., Mohammadi, G. R. and Jalali-Honarmand, S. 2013. Antioxidant capacity, photosynthetic characteristics and water relations of sunflower (*Helianthus annuus* L.) cultivars in response to drought stress. *Industrial Crops and Products*, 50, 29-38.
- Rasaei, B., Ghobadi, M. E., Ghobadi, M. and Najaphy, A. 2013. Reducing effects of drought stress by application of humic acid, mycorrhiza and rhizobium on chickpea. *International Journal of Agriculture and Crop Sciences*, 5(16): 1775-1778.
- Ghamarnia, H., Jafari Zadeh, M., Miri, E. and Ghobadi M.E. 2014. Determination of water requirement for *Coriandrum sativum* L. by lysimetric method in a Semi-Arid climate. *Journal of Water and Soil Science*, 17 (66): 1-9.
- Abdoli, M., Saeidi, M., Jalali-Honarmand, S., Mansourifar, S. and Ghobadi, M. E. 2013. Evaluation of some physiological and biochemical traits and their relationships with yield and its components in some improved wheat cultivars under post-anthesis water deficit. *Environmental Stresses in Crop Sciences*, 6(1): 47-63.
- Abdoli, M., Saeidi, M., Jalali-Honarmand, S., Mansourifar, S., Ghobadi, M. E. and Cheghamirza, K. 2013. Effect of source and sink limitation on yield and some agronomic characteristics in modern bread wheat cultivars under post anthesis water deficiency. *Acta Agriculturae Slovenica*, 101(2): 173-182.
- Abdoli, A., Saeidi, M., Jalali-Honarmand, S., Mansourifar, S. and Ghobadi, M. E. 2013. Effect of post-anthesis water deficiency on storage capacity and contribution of stem reserves to the growing grains of wheat cultivars. *Plant Knowledge Journal*, 2(3): 99-107.
- Rajabi, M., Fetri, M., Ghobadi, M. E., Arman, M. H. F. and Asadian, G. 2013. Foliar application of Zn and Mn fertilizers on yield and yield components of safflower (*Carthamus tinctorius* L.) cultivars. *International Journal of Agriculture and Crop Sciences*, 5(7): 718-722.
- Fetri, M., Ghobadi, M. E., Asadian, G. and Rajabi, M. 2013. Effect of sowing date on yield and yield components of sunflower (*Helianthus annuus* L.). *Annals of Biological Research*, 4(2): 90-93.
- Fetri, M., Ghobadi, M.E., Ghobadi, M. and Mohammadi, G. 2014. Investigation the effect of sowing depth and types of mulch on partitioning and remobilization of assimilates in dry land chickpea (*Cicer arietinum* L.). *Journal of Crop Physiology*, 5(20): 55-69.
- Norbakhsh, F., Ghobadi, M.E. and Abasi, A. 2014. Effects of aqueous extracts of walnut (*Juglans regia* L.) leaf and husk on germination indices and seedling growth of barley (*Hordeum vulgare* L.). *Research In Crop Ecosystems*, 1(1): 77-86.
- Mohammadi, G. R., Ghobadi, M. E. and Sheikheh-Poor, S. 2012. Phosphate biofertilizer, row spacing and plant density effects on corn (*Zea mays* L.) yield and weed growth. *American Journal of Plant Sciences*, 3(4): 425-429.

- Rasaei, A., Ghobadi, M.E. and Ghobadi, M. 2012. Effect of supplemental irrigation and plant density on yield and yield components of peas (*Pisum sativum* L.) in Kermanshah region. *African Journal of Agricultural Research*, 7(15): 2353-2358.
- Ghobadi, M. E., Felehkari, H., Mohammadi, G. R. and Honarmand, S.J. 2012. The effects of supplemental irrigation and N-applications on yield and yield component in two wheat cultivars in Kermanshah condition. *Annals of Biological Research*, 3(5): 2127-2133.
- Ghobadi, M. E. and Ghobadi, M. 2012. Effects of late sowing on quality of coriander (*Coriandrum sativum* L.). *International Journal of Agricultural and Biosystems Engineering*, 6(7): 425-428.
- Rasaei, B., Ghobadi, M. E., Ghobadi, M., Nadjaphy, A. and Rasaei, A. 2012. The study effects of some biological agents on chickpea (*Cicer arietinum* L.) under semi-dry conditions in Kermanshah. *European Journal of Experimental Biology*, 2 (4): 1113-1118.
- Rasaei, A., Ghobadi, M. E., Jalali-Honarmand, S., Ghobadi, M. and Saeidi, M. 2012. Impacts of waterlogging on shoot apex development and recovery effects of nitrogen on grain yield of wheat. *European Journal of Experimental Biology*, 2(4): 1000-1007.
- Ghobadi, M., Ghobadi, M.E., Kahrizi, D., Zebarjadi, A. and Geravandi, M. 2012. Evaluation of drought tolerance indices in dryland bread wheat genotypes under post-anthesis drought stress. *World Academy of Science, Engineering and Technology*, 67: 1257-1261.
- Ghobadi, M. Shafiei Abnavi, M. Jalali-Honarmand, S. Ghobadi, M.E. and Mohammadi, G. 2012. Effect of hormonal priming (GA3) and osmopriming on behavior of seed germination in wheat (*Triticum aestivum* L.). *Journal of Agriculture Science*, 4 (9): 244-250.
- Ghobadi, M., Shafiei-Abnavi, M., Jalali-Honarmand, S., Ghobadi, M. E. and Mohammadi, G. R. 2012. Does KNO<sub>3</sub> and hydropriming improve wheat (*Triticum aestivum* L.) seeds germination and seedlings growth? *Annals of Biological Research*, 3(7): 3156-3160.
- Ghamarnia, H., Bashipour, M. and Ghobadi, M.E. 2011. Evaluation at different level of irrigation on the seed yield and water use efficiency of coriander medicinal plant in a semi-arid climate. *Water and Irrigation Management*, 2(1): 15-24.
- Ghobadi, M., Shafiei Abnavi, M., Jalali-Honarmand, S., Mohammadi, G.R. and Ghobadi, M.E. 2012. Effects of seed priming with some plant growth regulators (Cytokinin and Salicylic acid) on germination parameters in wheat (*Triticum aestivum* L.) *Journal of Agricultural Technology*, 8(7): 2157-2167.
- Mohammadi, G. R., Mozafari, S., Ghobadi, M. E. and Najaphy, A. 2012. Weed suppressive ability and productivity of berseem clover (*Trifolium alexandrinum* L.) interseeded at different rates and times in corn (*Zea mays* L.) field. *Philippine Agricultural Scientist*, 95 (4): 352–357.
- Rostami Ajirloo, A., Mohamadi, Gh. R., Shaban, M., Ghobadi, M.I. and Najafi, A. 2013. Effect of nitrogen biofertilizers with urea fertilizer on some quantitative and qualitative traits of potato var. Marphona. *Journal of Crop Production*, 5(3): 131-144.
- Bardideh, K., Kahrizi, D. and Ghobadi, M. E. 2013. Character association and path analysis of black cumin (*Nigella sativa* L.) genotypes under different irrigation regimes. *Notulae Scientia Biologicae*, 5(1): 104-108.
- Mohammadi, G. R., Ajirloo, A. R., Ghobadi, M. E. and Najaphy, A. 2013. Effects of non-chemical and chemical fertilizers on potato (*Solanum tuberosum* L.) yield and quality. *Journal of Medicinal Plants Research*, 7(1): 36-42.
- Ghobadi, M. E., Ghobadi, M. and Zebarjadi, A. 2011. The response of winter wheat to flooding. *International Journal of Agricultural and Biosystems Engineering*, 5(6): 333-335.
- Farsiani, A., Ghobadi, M. E. and Jalali-Honarmand, S. 2011. The effect of water deficit and sowing date on yield components and seed sugar contents of sweet corn (*Zea mays* L.). *African Journal of Agricultural Research*, 6(26): 5769-5774.
- Rasaei, A., Ghobadi, M.E., Jalali-Honarmand, S., Ghobadi, M. and Saeidi, M. 2012. Waterlogging and its effects on nitrogen of soil and plant. *Annals of Biological Research*, 3(1): 119-124.
- Ajirloo, A. R., Mohammadi, G. R. and Ghobadi, M. 2011. The effect of priming on seed performance of chickpea (*Cicer arietinum* L.) under drought stress. *Journal of Agricultural Science and Technology*, 1: 1349-1351.
- Mohammadi, G. R., Mozafari, S., Ghobadi, M. E. and Najaphy, A. 2012. Interaction effects of weed interference and berseem clover (*Trifolium alexandrinum*) as a living mulch on corn (*Zea mays*). *Advances in Environmental Biology*, 6(2): 763-767.
- Mohammadi, G. R., Mozafaril, S., Najaphy, A. and Ghobadi, M. E. 2012. Corn (*Zea mays* L.) seed vigour and quality as influenced by weed interference and living mulch. *Advances in Environmental Biology*, 6(3): 1026-1031.
- Ghamarnia, H., Jafari zadeh, M., Miri, E. and Ghobadi, M. E. 2012. *Coriandrum sativum* L. crop coefficient determination in a semi-arid climate. *Water and Irrigation Management*, 1(2): 73-83.

- Ghobadi, M.E. and Ghobadi, M. 2010. The effects of sowing dates and densities on yield and yield components of coriander (*Coriandrum sativum* L.). *International Journal of Agricultural and Biosystems Engineering*, 4(10): 725-728.
- Mohammadi, G. R. and Ghobadi, M. E. 2010. The effects of different autumn-seeded cover crops on subsequent irrigated corn response to nitrogen fertilizer. *Agricultural Sciences*, 1(03): 148.
- Ghobadi, M., Ghobadi, M. E. and Sayah, S. S. 2010. Nitrogen application management in triticale under post-anthesis drought stress. *World Academy of Science, Engineering and Technology*, 6(71): 234-235.
- Ghobadi, M.E. and Ghobadi, M. 2010. Effect of anoxia on root growth and grain yield of wheat cultivars. *International Journal of Agricultural and Biosystems Engineering*, 4(10): 729-732.
- Farsiani, A. and Ghobadi, M. E. 2009. Effects of PEG and NaCl stress on two cultivars of corn (*Zea mays* L.) at germination and early seedling stages. *International Journal of Agricultural and Biosystems Engineering*, 3(9): 442-445.
- Ghobadi, M. E., Bakhshandeh, A., Nadian, H., Fathi, G., Gharineh, M. H., Alami-saied K. and Ghobadi. M. 2007. Effect of waterlogging durations at different growth stages of wheat on yield and yield components. *The Scientific Journal of Agriculture*, 30 (2): 133-146.
- Ghobadi, M., Bakhshandeh, M., Fathi, G., Gharineh, M. H., Alami-Said, K., Naderi, A. and Ghobadi M. E. 2006. Short and long periods of water stress during different growth stages of Canola: Effect on yield, yield components, seed oil and protein contents. *Journal of Agronomy*. 5 (2): 336- 341.
- Ghobadi, M. E., Nadian, H., Bakhshandeh, A., Fathi, G., Gharineh, M. H. and Ghobadi M. 2007. Study of root growth, biological yield and grain yield of wheat genotypes under waterlogging stress during different growth stages. *Seed and Plant*, 22 (4): 513-527.
- Ghobadi, M., Kashani, A., Mamaghani, R., Siadat A. and Ghobadi, M. E. 2000. Effect of plant densities on mortality of main stem and each one tillers in different growth stages of four wheat (*Triticum aestivum* L.) cultivars. *Iranian Journal of Crop Sciences*, 2 (2): 45-57.
- Ghobadi, M. E. and Bakhshandeh, A. 2000. Study of the effects of nitrogen fertilizer (Urea and sulfur coated urea type) on the yield and yield components of two wheat cultivars. *Daneshvar. Scientific-Research Journal of Shahed University*, 26: 27 – 34.