

١. Seleiman M.F., Abdel-Aal S, Ibrahim M & Zahran G. 2011. Productivity, grain and dough quality of bread wheat grown with different water regimes. *Journal of Agro Crop Sciences* 2: 11-17.
٢. Seleiman M.F., Ibrahim M, Abdel-Aal S & Zahran G. 2011. Effect of sowing dates on productivity, technological and rheological characteristics of bread wheat. *Journal of Agro Crop Sciences* 2: 1-6.
٣. Seleiman M.F., Santanen A, Stoddard F & Mäkelä P. 2011. Bioenergy crops for biomass production and phytoremediation. 5th European Bioremediation Conference, 4th– 7th July 2011, Chania, Crete, Greece. Eds. N Kalogerakis & F Fava. 4 p.
٤. Seleiman M.F., Mäkelä P, Santanen A, Stoddard F. 2011. Growth and biomass quality of bioenergy crops grown with sewage sludge. 24th NJF Congress: Food, Feed, Fuel and Fun Nordic Light on Future Land Use and Rural Development, Uppsala, Sweden, 14th – 16th June, 2011. Eds. J Hultgren, P Persson, E Nadeau & F Fogelberg, pp. 48-48.
٥. Stoddard F, Mäkelä P, Santanen A, Egilmez P, Seleiman M.F., Lizarazo Torres C, Räfså T, Hartikainen H & Yli-Halla M. 2011. Valkolupiinista on moneksi (in Finnish). *Maaseudun Tiede* 68, 2: 12.
٦. Al-Obeed, R. S., H.A. Kassem and M.A. Ahmed. (2011). Response of Thompson seedless grapes to gibberellic acid and cytofex preharvest sprays. *J. King Saud Univ., Agri. sci.* Vol. 23, No 2.
٧. 20- Al-Obeed, R. S., H. A. Kassem, and M. A. Ahmed (2011). Leaf petiole mineral and fruit heavy metals content of different grape cultivars grown under arid environments and irrigated with treated domestic wastewater. *AAB Bioflux*: 3 (1): 5 -14.
٨. Al-Obeed, R.S. and S.S. Soliman (2011). Effect of Delaying Pollination on Bunch Weight and Fruit Quality of Barhy Date Palm Cultivar under Riyadh Condition. *American-Eurasian J. Agric. & Envir. Sci.*, 10 (1): 65-69.
٩. Al-Obeed, R. S. (2011). Enhancing the shelf life and storage ability of Flame Seedless grapevine by agrochemical preharvest foliar applications. *Middle-East J. of Sci. Res.*, 8 (2): 319 – 327.

١٠. Nutritional quality evaluation of three cultivars of *Syzygium samaragense* under Malaysian conditions. *Afri. J. Agri. Res.* 6 (3):545-552. 2011 (ISI-Cited Publication).
١١. Seleiman M.F., Abdel-Aal S, Ibrahim M & Zahran G. 2011. Productivity, grain and dough quality of bread wheat grown with different water regimes. *Journal of Agro Crop Sciences* 2: 11-17.
١٢. Seleiman M.F., Ibrahim M, Abdel-Aal S & Zahran G. 2011. Effect of sowing dates on productivity, technological and rheological characteristics of bread wheat. *Journal of Agro Crop Sciences* 2: 1-6.
١٣. Seleiman M.F., Santanen A, Stoddard F & Mäkelä P. 2011. Bioenergy crops for biomass production and phytoremediation. 5th European Bioremediation Conference, 4th– 7th July 2011, Chania, Crete, Greece. Eds. N Kalogerakis & F Fava. 4 p.
١٤. Seleiman M.F., Mäkelä P, Santanen A, Stoddard F. 2011. Growth and biomass quality of bioenergy crops grown with sewage sludge. 24th NJF Congress: Food, Feed, Fuel and Fun Nordic Light on Future Land Use and Rural Development, Uppsala, Sweden, 14th – 16th June, 2011. Eds. J Hultgren, P Persson, E Nadeau & F Fogelberg, pp. 48-48.
١٥. Popularized article, newspaper article
١٦. Stoddard F, Mäkelä P, Santanen A, Egilmez P, Seleiman M.F., Lizarazo Torres C, Räfså T, Hartikainen H & Yli-Halla M. 2011. Valkolupiinista on moneksi (in Finnish). *Maaseudun Tiede* 68, 2: 12.
١٧. Al-Obeed, R. S., H.A. Kassem and M.A. Ahmed. (2011). Response of Thompson seedless grapes to gibberellic acid and cytofex preharvest sprays. *J. King Saud Univ., Agri. sci.* Vol. 23, No 2.
١٨. Al-Obeed, R. S., H. A. Kassem, and M. A. Ahmed (2011). Leaf petiole mineral and fruit heavy metals content of different grape cultivars grown under arid environments and irrigated with treated domestic wastewater. *AAB Bioflux*: 3 (1): 5 -14.
١٩. Al-Obeed, R.S. and S.S. Soliman (2011). Effect of Delaying Pollination on Bunch Weight and Fruit Quality of Barhy Date Palm

- Cultivar under Riyadh Condition. American-Eurasian J. Agric. & Envir. Sci., 10 (1): 65-69.
٢٠. Al-Obeed, R. S. (2011). Enhancing the shelf life and storage ability of Flame Seedless grapevine by agrochemical preharvest foliar applications. Middle-East J. of Sci. Res., 8 (2): 319 – 327.
٢١. Nutritional quality evaluation of three cultivars of *Syzygium samaragense* under Malaysian conditions. Afri. J. Agri Res. 6 (3):545-552. 2011 (ISI-Cited Publication).
٢٢. ELSAYED FATHI ABD_ALLAH1, BABY TABASSUM2, ABDULAZIZ A. ALQARAWI, THOBAYET SAFAR ALSHAHRANI1, JAHANGIR AHMAD MALIK1 AND ABEER HASHEM. (2019). PHYSIOLOGICAL MARKERS MITIGATE DROUGHT STRESS IN PANICUM TURGIDUM FORSSK. BY ARBUSCULAR MYCORRHIZAL FUNGI. Pak. J. Bot., 51(6): 2003-2011
٢٣. Seleiman, M.F., Santanen A, Stoddard FL & Mäkelä PSA. 2012. Feedstock quality and growth of bioenergy crops fertilized with sewage sludge. Chemosphere 89: 1211-1217. DOI: <https://doi.org/10.1016/j.chemosphere.2012.07.031>. IF= 5.77, Q1
٢٤. Seleiman M.F., Mäkelä P, Santanen A, & Stoddard F. 2012. Sewage sludge as nutrient source for energy crops. Lecture at 13th International Conference of Agronomy Sciences, Banha, Egypt, 9th–10thSeptember 2012. Eds. MI Salwau& NK El-Gizawy. Department of Agronomy, University of Banha, Banha, Egypt.
٢٥. Seleiman M.F., Mäkelä P, Santanen A & Stoddard FL. 2012. Biomass and leaf nitrogen content of maize grown with sludge.12th Congress of the European Society for Agronomy, Helsinki, Finland, 20th – 24th August 2012. Eds. FL Stoddard & PSA Mäkelä. Maataloustieteiden laitoksen julkaisuja 14, pp. 430-431. (e-publication)
٢٦. Seleiman M.F., Mäkelä P, Santanen A & Stoddard F. 2012. Effect of sludge on germination and growth of bioenergy crops.In Maataloustieteen Päivät2012 "In English: Agricultural Science Day"

(e-publication). Suomen Maataloustieteellisen seuran tiedotteita no 27. Ed. A. Hopponen. www.smts.fi.

٢٧. Asrar, A. A., Abdel-Fattah, G. M. and Elhindi, K. M. (2012). Improving growth, flower yield and water relations of snapdragon (*Antirrhinum majus* L.) plants grown under well-watered and water-stressed conditions using arbuscular mycorrhizal fungi. *Photosynthetica*, (ISI, impactfactor: 1.016), ISSN: 0300-3604, 50 (2) 305 -316

٢٨. Abdel-Fattah, G. M. and Asrar, A. A. (2012). Arbuscular mycorrhizal fungal application to improve growth and tolerance of wheat (*Triticum aestivum* L.) plants grown in saline soil. *Acta Physiol Plant*, (ISI, impact factor: 1.639), ISSN: 0137-5881, 34: 267-277.

٢٩. Al-Obeed, R. S. (2012). Jujube post-harvest fruit quality and storagability in response to agro-chemicals preharvest application. *African Journal of Agricultural Research*, 7(36): 5099-5107.

٣٠. Kassem, H. A., R. S. Al-Obeed and M. A. Ahmed (2012). Effect of bioregulators preharvest application on date palm fruit productivity, ripening and quality. *African Journal of Agricultural Research*, 7(49): 6565-6572.

٣١. Assessment of Genetic Diversity in Three Cultivars of *Syzygium samarangense* Grown in Malaysia by Using Morphological and Physiological Parameters. *Res.J. Biotec.*, 7(3):16-22. 2012 (ISI-Cited Publication).

٣٢. Al-Obeed, R. S. (2012). Jujube post-harvest fruit quality and storagability in response to agro-chemicals preharvest application. *African Journal of Agricultural Research*, 7(36): 5099-5107.

٣٣. Kassem, H. A., R. S. Al-Obeed and M. A. Ahmed (2012). Effect of bioregulators preharvest application on date palm fruit productivity, ripening and quality. *African Journal of Agricultural Research*, 7(49): 6565-6572.

٣٤. Abdel-Fattah, G. M. and Asrar, A. A. (2012). Arbuscular mycorrhizal fungal application to improve growth and tolerance of wheat (*Triticum aestivum* L.) plants grown in saline soil. *Acta*

Physiol Plant, (ISI, impact factor: 1.639), ISSN: 0137-5881, 34: 267-277.

٣٥. Published Articles in Refereed Journals

٣٦. Prof. Rashid Sultan AlObaid

٣٧. Asrar, A. A., Abdel-Fattah, G. M. and Elhindi, K. M. (2012). Improving growth, flower yield and water relations of snapdragon (*Antirrhinum majus* L.) plants grown under well-watered and water-stressed conditions using arbuscular mycorrhizal fungi. *Photosynthetica*, (ISI, impactfactor: 1.016), ISSN: 0300-3604, 50 (2) 305 -316

٣٨. Seleiman M.F., Mäkelä P, Santanen A, & Stoddard F. 2012. Sewage sludge as nutrient source for energy crops. Lecture at 13th International Conference of Agronomy Sciences, Banha, Egypt, 9th–10thSeptember 2012. Eds. MI Salwau& NK El-Gizawy. Department of Agronomy, University of Banha, Banha, Egypt.

٣٩. Seleiman M.F., Mäkelä P, Santanen A & Stoddard FL. 2012. Biomass and leaf nitrogen content of maize grown with sludge.12th Congress of the European Society for Agronomy, Helsinki, Finland, 20th – 24th August 2012. Eds. FL Stoddard & PSA Mäkelä. Maataloustieteiden laitoksen julkaisuja 14, pp. 430-431. (e-publication)

٤٠. Seleiman M.F., Mäkelä P, Santanen A & Stoddard F. 2012. Effect of sludge on germination and growth of bioenergy crops.In Maataloustieteen Päivät2012 "In English: Agricultural Science Day" (e-publication). Suomen Maataloustieteellisen seuran tiedotteita no 27. Ed. A. Hopponen. www.smts.fi.

٤١. Seleiman, M.F., Santanen A, Stoddard FL & Mäkelä PSA. 2012. Feedstock quality and growth of bioenergy crops fertilized with sewage sludge. *Chemosphere* 89: 1211-1217. DOI: <https://doi.org/10.1016/j.chemosphere.2012.07.031>. IF= 5.77, Q1

٤٢. Assessment of Genetic Diversity in Three Cultivars of *Syzygium samarangense* Grown in Malaysia by Using Morphological and Physiological Parameters. Res.J. Biotec., 7(3):16-22. 2012 (ISI-Cited Publication).

٤٣. Al-Ashkar, I.M. 2013. Anther culture response and salt tolerance in some wheat genotypes. Ann. Agric., Ain Shams Univ., Cairo, 58(2). (ELSEVIER)
<http://dx.doi.org/10.1016/j.aoas.2013.07.017>
٤٤. Seleiman M.F., Santanen A, Jaakkola S, Ekholm P, Hartikainen H, Stoddard FL & Mäkelä PSA. 2013. Biomass yield and quality of bioenergy crops grown with synthetic and organic fertilizers. *Biomass & Bioenergy* 59: 477-485. DOI: <https://doi.org/10.1016/j.biombioe.2013.07.021>. IF= 3.55, Q1
٤٥. Seleiman M.F., Santanen A, Kleemola J, Stoddard FL & Mäkelä PSA. 2013. Improved sustainability of feedstock production with sludge and interacting mychorriza. *Chemosphere* 91: 1236-1242. DOI: <https://doi.org/10.1016/j.chemosphere.2013.02.004>. IF= 5.77, Q1
٤٦. Asrar, A. A., El-Nashar, S. I., Abdel-Salam, E. M. (2013). Influence of alar and osmocote slow-release fertilizer application on growth and flowering of four cultivars of chrysanthemum plants grown in greenhouse conditions. In proceeding of the International Conference of GreenSys 2013 organized by International Society for Horticultural Science in 6-11 October, 2013, ICC JEJU, JEJU, South Korea.
٤٧. Asrar, A. A. (2013). Effect of alar foliar spray and osmocote slow-release fertilizer application on growth and flower quality of four cultivars of chrysanthemum plants grown in outdoor conditions. In proceeding of the 3th International Conference on “Slow and Controlled Release and Stabilized fertilizers” in 12-15 April, 2013, Royal Tulip Hotel, Rio de Janeiro, Brazil.
٤٨. Elhindi K.M. (2013). Alleviation of adverse effects of seawater on growth and chemical constituents of Chrysanthemum morifolium by foliar Fe and Mn applications. American Journal of Nutrition and Fertilization Technology. 3 (1): 1–11.
٤٩. Al-Mefarrej, H., M (2013) Growth characteristics and some wood quality of Tamarix aphylla seedlings irrigated with primary

treated wastewater under drought stress, Asian Journal of Plant Sciences, 12(3): 109-118

^o). Al-Obeed, R. S., H.A. Kassem and M.A. Ahmed (2013). Effect of Levels and Methods of Potassium and Phosphorus Fertilization on Yield, Fruit Quality and Chemical Composition of “Khalas” Date Palm Cultivar. Life Science Journal 10(4) <http://www.lifesciencesite.com>

٥٩. Hashem Abeer , E. F. Abd-Allah , R. S. Al-Obeed , M. A.U. Mridha & Asma A. Al-Huqail (2013) Non-chemical strategies to control postharvest losses and extend the shelf life of table grape fruits. Biological Agriculture & Horticulture. Vol. 29 (2): 82-90. (ISI)

٥٣. Soliman. S.S., R.S. Al-Obeed, A.A. Omar and M.A. Ahmed (2013). A Comparative Study of The Morphological Characteristics Of Some Seedling Date Palm Males. Journal of Applied Sciences Research 9(7): 4463-4468

◦ξ. Ahmed M.A., H.A. Kassem and R.S. Al-Obeed (2013).Effect of organo-mineral fertilizers on Sakki date palm "Phoenix dactylifera L." fruits yield, quality and nutritional. Bothallia Journal 43 (11): 103 – 116.

٥٧. Al-Mefarrej, H., M. Abdel-Aal, R. Nasser (2013) Chemical evaluation of some lignocellulosic residues for pulp and paper production. AmericanEurasian J. Agric. & Environ. Sci., 13(4):498-504.

• V. Aref I.M., R Nasser, E. Ali, H. Al-Mefarrej, S. El-Zahrani (2013) Effects of aqueous extraction on the properties of

- wood/polypropylene composites from date palm midrib fronds and *Acacia tortilis*. *Journal of Reinforced Plastics and Composites*, 32(7) 476-489.
٦٨. Al Mana, F. A. and Ahmad, Yahia. 2013. The Performance of ten imported tree and shrub species grown under the environmental conditions of Riyadh region, Saudi Arabia. *Life Science J.*, 10(4): 877-885.
٦٩. Elhindi K.M. (2013). Alleviation of adverse effects of seawater on growth and chemical constituents of *Chrysanthemum morifolium* by foliar Fe and Mn applications. *American Journal of Nutrition and Fertilization Technology*. 3 (1): 1–11.
٧٠. Aref I.M., R Nasser, E. Ali, H. Al-Mefarrej, S. El-Zahrani (2013) Effects of aqueous extraction on the properties of wood/polypropylene composites from date palm midrib fronds and *Acacia tortilis*. *Journal of Reinforced Plastics and Composites*, 32(7) 476-489.
٧١. Al-Mefarrej, H., M. Abdel-Aal, R. Nasser (2013) Chemical evaluation of some lignocellulosic residues for pulp and paper production. *AmericanEurasian J. Agric. & Environ. Sci.*, 13(4):498-504.
٧٢. Al-Mefarrej, H., M (2013) Growth characteristics and some wood quality of *Tamarix aphylla* seedlings irrigated with primary treated wastewater under drought stress, *Asian Journal of Plant Sciences*, 12(3): 109-118
٧٣. Asrar, A. A., El-Nashar, S. I., Abdel-Salam, E. M. (2013). Influence of alar and osmocote slow-release fertilizer application on growth and flowering of four cultivars of chrysanthemum plants grown in greenhouse conditions. In proceeding of the International Conference of GreenSys 2013 organized by International Society for Horticultural Science in 6-11 October, 2013, ICC JEJU, JEJU, South Korea.
٧٤. Asrar, A. A. (2013). Effect of alar foliar spray and osmocote slow-release fertilizer application on growth and flower quality of four cultivars of chrysanthemum plants grown in outdoor conditions. In

proceeding of the 3th International Conference on “Slow and Controlled Release and Stabilized fertilizers” in 12-15 April, 2013, Royal Tulip Hotel, Rio de Janeiro, Brazil.

- ٧٥. Published Articles in Refereed Journals
- ٧٦. Prof. Rashid Sultan AlObaid
- ٧٧. Soliman S.S. and R.S. Al-Obeed, (2013). Investigations on the pollen morphology of some date palm males (*Phoenix dactylifera l.*) in Sadi Arabia. Australian Journal of Crop Science, 7(9): 1355 – 1360.
- ٧٨. Al-Obeed, R. S., H.A. Kassem and M.A. Ahmed (2013). Effect of Levels and Methods of Potassium and Phosphorus Fertilization on Yield, Fruit Quality and Chemical Composition of “Khalas” Date Palm Cultivar. Life Science Journal 10(4) <http://www.lifesciencesite.com>
- ٧٩. Hashem Abeer , E. F. Abd-Allah , R. S. Al-Obeed , M. A.U. Mridha & Asma A. Al-Huqail (2013) Non-chemical strategies to control postharvest losses and extend the shelf life of table grape fruits. Biological Agriculture & Horticulture. Vol. 29 (2): 82-90. (ISI)
- ٨٠. Soliman. S.S., R.S. Al-Obeed, A.A. Omar and M.A. Ahmed (2013). A Comparative Study of The Morphological Characteristics Of Some Seedling Date Palm Males. Journal of Applied Sciences Research 9(7): 4463-4468
- ٨١. Ahmed M.A., H.A. Kassem and R.S. Al-Obeed (2013).Effect of organo-mineral fertilizers on Sakki date palm "Phoenix dactylifera L." fruits yield, quality and nutritional. Bothallia Journal 43 (11): 103 – 116.
- ٨٢. Seleiman M.F., Santanen A, Jaakkola S, Ekholm P, Hartikainen H, Stoddard FL & Mäkelä PSA. 2013. Biomass yield and quality of bioenergy crops grown with synthetic and organic fertilizers. Biomass & Bioenergy 59: 477-485. DOI: <https://doi.org/10.1016/j.biombioe.2013.07.021>. IF= 3.55, Q1
- ٨٣. Seleiman M.F., Santanen A, Kleemola J, Stoddard FL & Mäkelä PSA. 2013. Improved sustainability of feedstock production

with sludge and interacting mychorriza. Chemosphere 91: 1236-1242. DOI: <https://doi.org/10.1016/j.chemosphere.2013.02.004>. IF= 5.77, Q1

٧٤. Al-Ashkar, I.M. 2013. Anther culture response and salt tolerance in some wheat genotypes. Ann. Agric., Ain Shams Univ., Cairo, 58(2). (ELSEVIER)

<http://dx.doi.org/10.1016/j.aoas.2013.07.017>

٢٠١٣.٧٥

٧٦. Alqarawi, A. A., Abd-Allah E.F. and Bawadji A.A. (2013). Production of Pleurotus ostreatus on date palm residues. Journal of Pure and Applied Microbiology, 7(2): 1093-1097.

٧٧. Alqarawi, A.A., Mridha M.A.U. and Dhar P. P. (2013). Report of Funneliformis mosseae (Nicol. & Gerd.) Gerd. and trappe from rangeland soil of Saudi Arabia. Research Journal of Biotechnology, 8 (2): 96-99.

٧٨. Alqarawi, A.A., Mridha M.A.U., AlOud S.S. and Al-Barakah F.N. (2013). Status and need of research on growth improvement of olive (*Olea europaea* L.) with microbial inoculants in Saudi Arabia. Journal of Pure and Applied Microbiology, 7 (3): 1861-1868.

٧٩. Alqarawi, A.A., Abd_Allah E.F. and Hashem A. (2013). Effect of *Ephedra alata* on lipids metabolism of *Aspergillus flavus*. Bangladesh Journal of Botany, 42(1): 45-49.

٨٠. Alqarawi, A.A., Hashem A. and Abd_Allah E.F. (2013). Physiological alterations in *Avicennia marina* (Forski) Vierh associated with leaf spot disease caused by *Alternaria alternata* (Fr.) Keissler. Pakistan Journal of Botany, 45 (5): 1767-1771.

٨١. Alqarawi, A.A., Mridha M.A.U., Dhar P.P., and Alghamdi O.M. (2013). Management of arbuscular mycorrhizal fungi by growing *Petunia hybrida* (L.) Mill. as ornamental plant in Saudi Arabia. Pakistan Journal of Botany, 46(2): 749-752.

٨٢. Hashem, Abeer., Abdulaziz A. Alqarawi, Asma A. Al Huqail and Elsayed F. Abd Allah. (2013). Biochemical composition of pleurotus ostreatus (Jacq.) P. Kumm. grown on sawdust of leucaena

leucocephala (Lam.) De Wit. PAKISTAN JOURNAL OF BOTANY. 45 (4): 1197-1201.

٨٣. Mridha, M.A.U. and A.A. Al-Qarawi. (2013). Bio-Organic -An Effective Fertilizer for Arid Lands Agriculture and Date in Saudi Arabia. BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA. Vol. 10(1), 247-251.

٨٤. Hashem Abeer., Abd_Allah E.F., Alqarawi A.A., Al-Didamony G., Al Whibi M. S., Egamberdieva Difluza and Ahmad P. (2014). Alleviation of adverse impact of salinity on faba bean (*Vicia faba* L.) by arbuscular mycorrhizal fungi. Pak. J. Bot., 46(6): 2003-2013.

٨٥. Hashem Abeer., Abd_Allah E.F., Alqarawi A.A., Al Huqail Asma A. and Egamberdieva Difluza (2014). Alleviation of abiotic salt stress in *Ochradenus baccatus* (Del.) by *Trichoderma hamatum* (Bonord.) Bainier. J Plant Interactions, 9(1): 857-868.

٢٠١٤. ٨٦

٨٦. Alqarawi, A.A., Abd_Allah E.F., Alshahrani T.S. and Alzain M.N. (2014). Allelopathic impact of *Rhazya stricta* Dence and *Artemisia monosperma* Delile on plant growth and the structural colonization of AM Fungi. Arab Gulf Journal of Scientific Research. 32 (1) 2014: 41-50.

٨٧. Alqarawi, A.A., Hashem Abeer., Abd_Allah E.F., Alshahrani T.S. and Al-Huail Asma A. (2014). Effect of salinity on moisture content, pigment system, and lipid composition in *Ephedra alata* Decne. Acta Biologica Hungarica 65(1): 61-71.

٨٨. Alqarawi, A.A., Abd_Allah E.F. and Hashem Abeer. (2014). Alleviation of salt-induced adverse impact via mycorrhizal fungi in *Ephedra aphylla* Forssk. J Plant Interactions, 9(1): 802-810.

٩٠. Alqarawi A.A., Abd_Allah E.F. Hashem Abeer., Al Huqail Asma A.,and Al Sahli A.A, (2014). Impact of abiotic salt stress on some metabolic activities of *Ephedra alata* Decne. J Food, Agri Environment, 12(2): 620-625.

٩١. Hashem A., Abd_Allah E.F., Al-Huqail Asma A. and Alqarawi A.A. (2014). Report and characterization of *Alternaria alternata*

- (FR.) Keissler on *Avicennia marina* (Forsk.) Vierh forests of industrial Yanb'a city, Saudi Arabia. Pak. J. Botany 46 (2): 725-734.
١٢. Hashem Abeer., Abd_Allah E.F., Alqarawi A.A. and Al Huqail Asma A. (2014). Biodiversity of Seedborne Mycobiota Associated with *Sesamum indicum* L. Journal of Pure and Applied Microbiology, 8(4): 2845-2854.
١٣. Hashem Abeer., Abd_Allah E.F., Alqarawi A.A., Al-Didamony G., Al Whibi M. S., Egamberdieva Difluza and Ahmad P. (2014). Alleviation of adverse impact of salinity on faba bean (*Vicia faba* L.) by arbuscular mycorrhizal fungi. Pak. J. Bot., 46(6): 2003-2013.
١٤. Hashem Abeer., Abd_Allah E.F., Alqarawi A.A., Al Huqail Asma A. and Egamberdieva Difluza (2014). Alleviation of abiotic salt stress in *Ochradenus baccatus* (Del.) by *Trichoderma hamatum* (Bonord.) Bainier. J Plant Interactions, 9(1): 857-868.

١٦. Mohamed Barakat, Abdullah Al-Doss, Khaled Moustafa, Mohamed Motawei, Mohamed Alamri, Mohamed Mergoum, Mohamed Sallam and Ibrahim Al-Ashkar (2020) Molecular detection of QTLs for flour quality traits in two doubled haploid populations in spring wheat under heat stress. Cereal Research Communications (ISI) (IF=0.81): <https://doi.org/10.1007/s42976-020-00084-3>
١٧. Ibrahim Al-Ashkar, Majed Alotaibi, Yahya Refay, Abdelhalim Ghazy, Adel Zakri and Abdullah Al-Doss (2020) Selection criteria for high-yielding and early-flowering bread wheat hybrids under heat stress. Plos one (ISI) (IF=2.74) 15(8): e0236351. <https://doi.org/10.1371/journal.pone.0236351>.
١٨. Mohamed Barakat, Abdullah Al-Doss, Khaled Moustafa, Mohamed Motawei, Mohamed Alamri, Mohamed Mergoum, Mohamed Sallam, Ibrahim Al-Ashkar (2020) QTL analysis of farinograph and mixograph related traits in spring wheat under heat stress conditions. Molecular Biology Reports (ISI) (IF=1.40) 47:5477–5486; <https://doi.org/10.1007/s11033-020-05638-6>.
١٩. Salah El-Hendawy, Nasser Al-Suhaibani, Ibrahim Al-Ashkar, Majed Alotaibi, Muhammad Usman Tahir, Talaat Solieman and Wael Hassan (2020) Combining genetic analysis and multivariate modeling to evaluate spectral reflectance indices as indirect selection tools in wheat breeding under water deficit stress conditions. Remote Sens. (ISI) (IF= 4.51). 12(9), 1480; <https://doi.org/10.3390/rs12091480>.
٢٠. Mohamed Barakat, Ibrahim Al-Ashkar, Abdullah Al-Doss, Khaled Moustafa Mohamed Motawei, Mohamed Alamri, Mohamed Mergoum and Mohammed Sallam (2020) Identification of genotyping-by-sequencing tags associated with bread-making quality traits in spring wheat under heat stress. Cereal Research Communications (ISI) (IF= 0.81). <https://doi.org/10.1007/s42976-020-00049-6>.

١٠١. Ibrahim Al-Ashkar, Ali Alderfasi, Walid Ben Romdhane, Mahmoud F. Seleiman, Rania A. El-Said and Abdullah Al-Doss (2020) Morphological and genetic diversity within salt tolerance detection in eighteen wheat genotypes. Plants (ISI) (IF= 2.76) 9(3): 287.
١٠٢. Muhammad Hamzah Saleem, Shafaqat Ali, Mahmoud F. Seleiman, Muhammad Rizwan, Muzammal Rehman, Nudrat Aisha Akram, Lijun Liu, Majed Alotaibi, Ibrahim Al-Ashkar and Muhammad Mubushar (2019) Assessing the correlations between different traits in copper-sensitive and copper-resistant varieties of jute (*Corchorus capsularis* L.). Plants (ISI) (IF= 2.76) 8(12): 545
١٠٣. Mahmoud F. Seleiman, Yahya Refay, Nasser Al-Suhaibani, Ibrahim Al-Ashkar, Salah El-Hendawy and Emad M. Hafez (2019) Integrative effects of rice-straw biochar and silicon on oil and seed quality, yield and physiological traits of *Helianthus annuus* L. grown under water deficit stress. Agronomy (ISI) (IF= 2.26) 9(10): 637
١٠٤. 10. Al-Ashkar I, Alderfasi A, El-Hendawy S, Al-Suhaibani N, El-Kafafi S, Seleiman MF (2019) Detecting salt tolerance in doubled haploid wheat lines. Agronomy (ISI) (IF= 2.26) 9 (4):211
١٠٥. 11. Salah E. El-Hendawya, Nasser A. Al-Suhaibania, Wael M. Hassanc,d, Yaser H. Dewira, Salah Elsayed, Ibrahim Al-Ashkara, Kamel A. Abdella, Urs Schmidhalterh (2019) Evaluation of wavelengths and spectral reflectance indices for hightthroughput assessment of growth, water relations and ion contents of wheat irrigated with saline water. Agricultural Water Management (ISI) (IF= 3.18). 212 (2019) 358–377
١٠٦. Kubica, P.; Szopa, A.; Kokotkiewicz, A.; Miceli, N.; Taviano, M.F.; Maugeri, A.; Cirmi, S.; Synowiec, A.; Gniewosz, M.; Elansary, H.O.; Mahmoud, E.A.; El-Ansary, D.O.; Nasif, O.; Luczkiewicz, M.; Ekiert, H. Production of Verbascoside, Isoverbascoside and Phenolic Acids in Callus, Suspension, and Bioreactor Cultures of *Verbena officinalis* and Biological Properties of Biomass Extracts. Molecules 2020, 25, 5609.

1. V. Krishna, V.R., Paramesh, V., Arunachalam, V., Das, B., Elansary, H.O., Arjun, P., Reddy, D.D., Shashidhar, K.S., El-Ansary, D.O., Mahmoud, E.A., El-Sheikh, M.A. Assessment of Sustainability and Priorities for Development of Indian West Coast Region: An Application of Sustainable Livelihood Security Indicators. *Sustainability* 2020, 12(20), 8716.
2. A. Yasin, J.K., Mishra, B.K., Pillai, M.A., Verma, N., Wani, S.H., Elansary, H.O., El-Ansary, D.O., Pandey, P.S. Genome wide in-silico miRNA and target network prediction from stress responsive Horsegram (*Macrotyloma uniflorum*) accessions. *Scientific Reports*, 2020, 10(1), 17203.
3. Yessoufou, K.; Sithole, M.; Elansary, H.O. Effects of urban green spaces on human perceived health improvements: Provision of green spaces is not enough but how people use them matters. *Plos One*, 2020, 15(9): e0239314.
4. Elansary, H.O.; Szopa, A.; Kubica, P.; Ekiert, H.; Al-Mana, F.A.; El-Shafei, A.A. Polyphenols of *Frangula alnus* and *Peganum harmala* Leaves and Associated Biological Activities. *Plants* 2020, 9, 1086.
5. Szopa, A.; Pajor, J.; Klin, P.; Rzepiela, A.; Elansary, H.O.; Al-Mana, F.A.; Mattar, M.A.; Ekiert, H. *Artemisia absinthium L.—Importance in the History of Medicine, the Latest Advances in Phytochemistry and Therapeutical, Cosmetological and Culinary Uses*. *Plants* 2020, 9, 1063.
6. Basavalingaiah, K.; Ramesha, Y.M.; Paramesh, V.; Rajanna, G.A.; Jat, S.L.; Dhar Misra, S.; Kumar Gaddi, A.; Girisha, H.C.; Yogesh, G.S.; Raveesha, S.; Roopa, T.K.; Shashidhar, K.S.; Kumar, B.; El-Ansary, D.O.; Elansary, H.O. Energy Budgeting, Data Envelopment Analysis and Greenhouse Gas Emission from Rice Production System: A Case Study from Puddled Transplanted Rice and Direct-Seeded Rice System of Karnataka, India. *Sustainability* 2020, 12, 6439.
7. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; Al-Mana, FA.; Al-Yafra, M.A. 2020. Antioxidant and biological activities of

Acacia saligna and *Lawsonia inermis* natural populations. Plants 2020, 9, 908.

114. Paramesh V.; Dhar, S.; Dass, A.; Kumar, B.; Kumar, A.; El-Ansary, D.O.; Elansary, H.O. Role of Integrated Nutrient Management and Agronomic Fortification of Zinc on Yield, Nutrient Uptake and Quality of Wheat. Sustainability 2020, 12(9), 3513.
115. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; El-Ansary, D.O.; Al-Mana FA.; Mahmoud, E.A. 2020. Polyphenol Content and Biological Activities of *Ruta graveolens* L. and *Artemisia abrotanum* L. in Northern Saudi Arabia. Processes 2020, 8(5), 531
116. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; Klimek-Szczykutowicz, M.; El-Ansary, D.O.; Mahmoud, E.A. 2020. Polyphenol Profile and Antimicrobial and Cytotoxic Activities of Natural *Mentha × piperita* and *Mentha longifolia* Populations in Northern Saudi Arabia. Processes 2020, 8(4), 479.
117. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; El-Ansary, D.O.; Al-Mana FA. Mahmoud, E.A. 2020. Saudi *Rosmarinus officinalis* and *Ocimum basilicum* L. Polyphenols and Biological Activities. Processes 2020, 8(4), 446.
118. Shankarappa, S.K.; Muniyandi, S.J.; Chandrashekhar, A.B.; Singh, M.K.; Nagabhushanaradhy, P.; Shivashankar, P.; El-Ansary, D.O.; Wani, S.H.; Elansary, H. O. 2020. Standardizing the hydrogel application rates and foliar nutrition for enhancing yield of lentil (*Lens culinaris*). Processes 2020, 8(4), 420.
119. Elansary, H. O.; Szopa A.; Kupica, P.; El-Ansary, D.O.; Ekiert, H.; Al-Mana FA. 2020. *Malus baccata* var. *gracilis* and *Malus toringoides* Bark Polyphenol Studies and Antioxidant, Antimicrobial and Anticancer Activities. Processes 2020, 8(3), 283.
120. Deepak, G.K.D.; Challa, S.; Suhasin, G.; Reddy, N.N.R.; Elansary, H. O.; El-Ansary, D.O. 2020. Antidiabetic and Antilipidemic Activity of Root Extracts of *Salacia oblonga* against Streptozotocin-Induced Diabetes in Wistar Rats. Processes 2020, 8(3), 301.

١٢١. Elansary, H.O., Abdel-Hamid, A.M.E., Yessoufou, K., Al-Mana, F.A., El-Ansary D.O., Mahmoud, E.A., Al-Yafrasi, M.A. 2020. Physiological and molecular characterization of water-stressed Chrysanthemum under robinin and chitosan treatment. *Acta Physiologia Plantarum* 42, 31 (2020).
١٢٢. Elansary, H. O.; Szopa A.; Klimek-Szczykutowicz, M.; Ekiert, H.; Barakat, A. A.; Al-Mana FA. 2020. Antiproliferative, Antimicrobial, and Antifungal Activities of Polyphenol Extracts from Ferocactus Species. *Processes* 2020, 8(2), 138.
١٢٣. Abd El-Kareem MSM, Rabbih MA, Elansary HO, Al-Mana FA. 2020. Mass Spectral Fragmentation of Pelargonium graveolens Essential Oil Using GC-MS Semi-Empirical Calculations and Biological Potential. *Processes* 8(2), 128.
١٢٤. Mahmoud EA, Elansary HO, El-Ansary DO, Al-Mana FA. 2020. Elevated Bioactivity of Ruta graveolens against Cancer Cells and Microbes Using Seaweeds. *Processes* 2020, 8(1), 75.
١٢٥. Elansary HO. 2020. Tree Bark Phenols Regulate the Physiological and Biochemical Performance of Gladiolus Flowers. *Processes* 2020, 8(1), 71.
١٢٦. El-Esawi MA, Elkelish A, Soliman M, Elansary HO, Zaid A, Wani SH. 2020. *Serratia marcescens* BM1 Enhances Cadmium Stress Tolerance and Phytoremediation Potential of Soybean Through Modulation of Osmolytes, Leaf Gas Exchange, Antioxidant Machinery, and Stress-Responsive Genes Expression . *Antioxidants* 9 (1), 43.
١٢٧. Elansary, H. O.; Klimek-Szczykutowicz, M.; Jafernik, K.; Ekiert, H.; Mahmoud, E. A.; Barakat, A. A.; El-Ansary, D. O., Mammillaria Species—Polyphenols Studies and Anti-Cancer, Anti-Oxidant, and Anti-Bacterial Activities. *Molecules* 2020, 25(1), 131.
١٢٨. Abdelaal KA, El-Maghraby LM, Elansary HO, Hafez YM, Ibrahim EI, El-Banna M, El-Esawi M, Elkelish A. 2020. Treatment of sweet pepper with stress tolerance-inducing compounds alleviates salinity stress oxidative damage by mediating the physio-biochemical activities and antioxidant systems. *Agronomy-Basel* 2020, 10, 26.

١٢٩. Elansary HO, Mahmoud EA, El-Ansary DO, Mattar MA. 2020. Effects of water stress and modern biostimulants on growth and quality characteristics of mint. *Agronomy-Basel* 2020, 10, 6.
١٣٠. Elansary HO, El-Ansary DO, Al-Mana FA. 2020. 5-aminolevulinic acid and soil fertility enhance the resistance of rosemary to *Alternaria dauci* and *Rhizoctonia solani* and modulate plant biochemistry. *Plants-Basel* 9, 50.
١٣١. Elansary HO, Szopa A, Kubica P, Ekiert H, Mattar MA, Al-Yafrasi MA, El-Ansary DO, El-Abedin TKZ, Yessoufou K. 2019. Polyphenol profile and pharmaceutical potential of *Quercus* spp. bark extracts. *Plants-Basel* 8, 486.
١٣٢. Elansary HO& Zin Elabedin TKA. 2019. Omeprazole alleviates water stress in peppermint and modulates the expression of menthol biosynthesis genes. *Plant Physiology and Biochemistry* 139, 578-586.
١٣٣. Elansary HO, Szopa A, Kubica P, Al-Mana FA, Mahmoud EA, Zin Elabedin TKA, Mattar MA, Ekiert H. 2019. *Molecules*. Phenolic compounds of *Catalpa speciosa*, *Taxus cuspidata*, and *Magnolia acuminata* have antioxidant and anticancer activity. *Molecules* 24(3), 412. DOI:10.3390/molecules24030412.
١٣٤. Mattar MA, Alamoud AI, Al-Othman AA, Elansary HO, Farah AH. 2019. Hydraulic performance of labyrinth-channel emitters: experimental study, ANN, and GEP modeling. *Irrigation Science* <https://doi.org/10.1007/s00271-019-00647-1>
١٣٥. Salem MZM, Mansour MMA, Elansary HO. 2019. Evaluation of the effect of inner and outer bark extracts of sugar maple (*Acer saccharum* var. *saccharum*) in combination with citric acid against the growth of three common molds. *Journal of Wood Chemistry and Technology* (Epub) DOI: 10.1080/02773813.2018.1547763.
١٣٦. Elansary HO, Abdel-Hamid AME, Mahmoud EA, Al-Mana FA, El-Ansary DO, Zin Elabedin TKA. 2019. *Heuchera Creme Brulee* and *Mahogany* medicinal value under water stress and

oligosaccharide (COS) treatment. Evidence-Based Complementary and Alternative Medicine 4242359, 13 pages.

١٣٧. Elansary HO, Abdelgaleil SAM, Mahmoud EA, Yessoufou K, Elhindi K, El-Hendawy S. 2018. Effective antioxidant, antimicrobial and anticancer activities of essential oils of horticultural aromatic crops in Northern Egypt. BMC Complementary and Alternative Medicine 2018; 18: 214. DOI: 10.1186/s12906-018-2262-1.

١٣٨. Elansary HO, Szopa A, Kubica P, Ekiert H, Ali HM, Elshikh MS, Abdel-Salam EM, El-Esawi M, El-Ansary DO. 2018. Bioactivities of traditional medicinal plants in Alexandria. Evidence-Based Complementary and Alternative Medicine 1463579, 13 pages.

١٣٩. <https://doi.org/10.1155/2018/1463579>

١٤٠. Salem MZM, Elansary HO, Ali HM, El-Settawy AA, Elshikh MS, Abdel-Salam EM, Skalicka-Wozniak. 2018. Bioactivity of essential oils extracted from *Cupressus macrocarpa* branchlets and *Corymbia citriodora* leaves grown in Egypt. BMC Complementary and Alternative Medicine 18:23. DOI 10.1186/s12906-018-2085-0.

١٤١. Al-Ghamdi AA, Elansary HO. 2018. Synergetic effects of 5-aminolevulinic acid and *Ascophyllum nodosum* seaweed extracts on Asparagus phenolics and stress related genes under saline irrigation. Plant Physiology and Biochemistry 129:273-284. DOI: 10.1016/j.plaphy.2018.06.008.

١٤٢. Ashfaq M, Sabir JSM, Elansary HO, Perez K, Levesque-Beaudin V, Khan AM, Rassol A, Gallant C, Addesi J, Hebert PDN. 2018. Insect diversity in the Saharo-Arabian region: Revealing a little-studied fauna by DNA barcoding. PLoS ONE 13(7): e0199965. DOI: 10.1371/journal.pone.0199965.

١٤٣. Salem MZM, El-Hefny M, Ali HM, Elansary HO, Nasser RA, El-Settawy AAA, El shanhorey N, Ashmawy NA, Salem AZM. 2018. Antibacterial activity of extracted bioactive molecules of *Schinus terebinthifolius* ripened fruits against some pathogenic bacteria. Microbial Pathogenesis 120:119-127.

١٤٤. Seleiman M.F., Semida W.M., Rady M.M., Mohamed G.F., Hemida K.A., Alhammad B.A., Hassan M.M., Shamy A. 2020.

Sequenced Antioxidants Application Rectifies Ion Imbalance and Strengthens Antioxidant Systems in Salt-stressed Cucumber Plants

١٤٥. Hassan M.U., Aamer M., Chattha M.U., Haiying T., Khan I., Seleiman M.F., Rasheed A., Nawaz M., Rehman A., Aslam M.T., Afzal A., Huang G. 2020. Sugarcane Distillery Spent Wash (DSW) as a Bio-nutrient Supplement: a Win-Win Option for Sustainable Crop Production. *Agronomy*

١٤٦. Seleiman M., Almutairi K., Alotaibi M., Shami A., Alhammad B., Battaglia M. 2020. Nano fertilization as an emerging fertilization technique: why modern agriculture can benefit from its use? *Plants*

١٤٧. Ding Z., Ali E.F., Elmahdy A.M., Ragab K., Seleiman M.F., Kheir A.M.S. 2021. Modeling the combined impacts of deficit irrigation, rising temperature and compost application on wheat yield and water productivity. *Agricultural Water Management* 244, 106626. <https://doi.org/10.1016/j.agwat.2020.106626>

١٤٨. Taha R.S., Seleiman M.F., Alotaibi M., Alhammad B.A., Rady M.M., Mahdi A.H.A. 2020. Exogenous potassium treatments elevate salt tolerance and performances of *Glycine max L.* by boosting antioxidant defense system under actual saline field conditions. *Agronomy* 10(11), 1741; <https://doi.org/10.3390/agronomy10111741>

١٤٩. Seleiman M.F., Hardan A.N. 2021. Importance of Mycorrhizae in Crop Productivity. In: *Mitigating Environmental Stresses for Agricultural Sustainability in Egypt* (Editors: Awaad H., Abu-Hashim M., Negm A.). Springer Water, Springer International Publishing, Switzerland, DOI: 10.1007/978-3-030-64323-2, eBook ISBN: 978-3-030-64323-2. Chapter DOI: 10.1007/978-3-030-64323-2_17

١٥٠. Seleiman M.F., Hafez E. 2021. Optimizing Inputs Management for Sustainable Agricultural Development. In: *Mitigating Environmental Stresses for Agricultural Sustainability in Egypt* (Editors: Awaad H., Abu-Hashim M., Negm A.). Springer Water, Springer International Publishing, Switzerland, DOI: 10.1007/978-3-030-64323-2, eBook ISBN: 978-3-030-64323-2. Chapter DOI: 10.1007/978-3-030-64323-2_18

١٥١. Batool T., Ali S., Seleiman M.F. et al. Plant growth promoting rhizobacteria alleviates drought stress in potato in response to suppressive oxidative stress and antioxidant enzymes activities. *Scientific Reports* 10, 16975 (2020). <https://doi.org/10.1038/s41598-020-73489-z>. IF = 3.99, Q1
١٥٢. Ding Z., Kheir A.S., Ali O.A., Hafez E., Elshamey E.A., Zhou Z., Wang B., Lin X., Ge Y., Fahmy A.E., Seleiman M.F. 2021. A vermicompost and deep tillage system to improve saline-sodic soil quality and wheat productivity. *Journal of Environmental Management* 277, 111388. <https://doi.org/10.1016/j.jenvman.2020.111388>. IF = 5.62, Q1
١٥٣. Hewedy O.A., Abdel Lateif K.S., Seleiman M.F., Shami A., Albarakaty F.M., El-Meihy R.M. 2020. Phylogenetic diversity of Trichoderma strains and their antagonistic potential against soil-borne pathogens under stress conditions. *Biology*, 9(8), 189; <https://doi.org/10.3390/biology9080189>. IF = 3.79, Q1
١٥٤. Ali S., Abbas Z., Seleiman M.F., Rizwan M., YAVAS I., Alhammad, B.A., Shami A., Mirza Hasanuzzaman A.S., Kalderis D. 2020. Glycine Betaine Accumulation, Significance and Interests for Heavy Metal Tolerance in Plants. *Plants*, 9(7), 896; <https://doi.org/10.3390/plants9070896>. IF = 2.76, Q1
١٥٥. Seleiman M.F., Alotaibi M., Alhammad B., Alharbi B., Refay Y., Badawy S. 2020. Effects of ZnO nanoparticles and biochar of rice straw and cow manure on characteristics of contaminated soil and sunflower productivity, oil quality, and heavy metals uptake. *Agronomy* 10(6), 790. <https://www.mdpi.com/2073-4395/10/6/790>. IF = 2.60, Q1
١٥٦. Sofy M., Seleiman M.F., Alhammad B.A., Alharbi B.A., Mohamed H.I. 2020. Minimizing adverse effects of Pb stress on maize yield, macro elements, and physiological and biochemical traits by combined treatment with jasmonic acid, salicylic acid, and proline. *Agronomy* 10(5), 699; <https://doi.org/10.3390/agronomy10050699>. IF = 2.60, Q1

١٥٧. Seleiman M.F., Selim S., Alhammad B.A., Alharbi B.M., Juliatti F.C. 2020. Will novel coronavirus (COVID-19) pandemic impact agriculture, food security and animal sectors? *Bioscience Journal* 36(4): 1315-1326. <http://dx.doi.org/10.14393/BJ-v36n4a2020-54560>. IF = 0.5, Q4
١٥٨. Mukhtar T., Rehman S., Smith D., Sultan T., Seleiman M.F., Alsadon A.A., Amna, Ali S., Chaudhary H.J., Solieman T.H.I., Ibrahim A.A., Saad M.A. 2020. Mitigation of heat stress in *Solanum lycopersicum* L. by ACC-deaminase and exopolysaccharide producing *Bacillus cereus*: Effects on biochemical profiling. *Sustainability* 12(6), 2159. <https://doi:10.3390/su12062159>. IF = 2.57, Q2
١٥٩. Al-Ashkar I., Alderfasi A., Romdhane W., Seleiman M.F., El-Said R.A., Al-Doss A. 2020. Morphological and genetic diversity within salt tolerance detection in eighteen wheat genotypes. *Plants* 9(3), 287. <https://doi.org/10.3390/plants9030287>. IF = 2.76, Q1
١٦٠. Seleiman M.F., Ali S., Refay Y., Rizwan M., Alhammad B.A., El-Hendawy S. 2020. Chromium resistant microbes and melatonin reduced Cr uptake and toxicity, improved physio-biochemical traits and yield of wheat in contaminated soil. *Chemosphere* 250, 126239. <https://doi.org/10.1016/j.chemosphere.2020.126239>. IF = 5.77, Q1
١٦١. Seleiman M.F., Santanen A., Mäkelä P.S.A. 2020. Recycling sludge on cropland as fertilizer – advantages and risks. *Resources, Conservation & Recycling* 155, 104647. <https://doi.org/10.1016/j.resconrec.2019.104647>. IF = 8.08, Q1
١٦٢. Ashraf S., Naveed M., Afzal M., Seleiman M.F., Al-Suhaibani N., Zahir Z., Mustafa A., Refay Y., Alhammad B., Ashraf S., Alotaibi M., Abdella K. 2020. Unveiling the potential of novel macrophytes for the treatment of tannery effluent in vertical flow pilot constructed wetlands. *Water* 12(2): 549. <https://doi.org/10.3390/w12020549>. IF = 2.54, Q2
١٦٣. Shahid M.J., Ali S., Shabir G., Siddique M., Rizwan M., Seleiman M.F., Afzal M. 2020. Comparing the performance of four macrophytes in bacterial assisted floating treatment wetlands for the

- removal of trace metals (Fe, Mn, Ni, Pb, and Cr) from polluted river water. *Chemosphere* 243, 125353. <https://doi.org/10.1016/j.chemosphere.2019.125353>. IF= 5.77, Q1
١٦٤. Eid M., Abdel-Salam A., Salem H., Mahrous S., Seleiman M.F., Alsadon A., Solieman T., Ibrahim A. 2020. Interaction Effects of Nitrogen Source and Irrigation Regime on Tuber Quality, Yield, and Water Use Efficiency of *Solanum tuberosum L.* Plants 9(1): 110. <https://doi.org/10.3390/plants9010110>. IF= 2.76, Q1
١٦٥. Saleem M.H., Ali S., Seleiman M.F., Rizwan M., Rehman M., Akram N.A., Liu L., Alotaibi M., Al-Ashkar I., Mubushar M. 2019. Assessing the Correlations between Different Traits in Copper-Sensitive and Copper-Resistant Varieties of Jute (*Corchorus capsularis L.*). *Plants* 8(12), 545. Special Issue: Plant Responses and Tolerance to Metal/Metalloid Toxicity; <https://doi.org/10.3390/plants8120545>. IF= 2.76, Q1
١٦٦. Seleiman M.F.; Refay Y.; Al-Suhaibani N.; Al-Ashkar I.; El-Hendawy S.; Hafez E.M. 2019. Integrative effects of rice-straw biochar and silicon on oil and seed quality, yield and physiological traits of *Helianthus annuus L.* grown under water deficit stress. *Agronomy* 9(10), 637. doi: 10.3390/agronomy9100637. IF= 2.60, Q1
١٦٧. Seleiman M.F.; Kheir A.M.S.; Al-Dhumri S.; Alghamdi A.G.; Omar E.-S.H.; Aboelsoud H.M.; Abdella K.A.; Abou El Hassan W.H. 2019. Exploring optimal tillage improved soil characteristics and productivity of wheat irrigated with different water qualities. *Agronomy* 9(5), 233. doi: 10.3390/agronomy9050233. IF= 2.60, Q1
١٦٨. Al-Ashkar I.; Alderfasi A., El-Hendawy S.; Al-Suhaibani N.; El-Kafafi S.; Seleiman M.F. 2019. Detecting salt tolerance in doubled haploid wheat lines. *Agronomy* 9(4): 211. doi: 10.3390/agronomy9040211. IF=2.60, Q1
١٦٩. Seleiman M.F. 2019. Use of plant nutrients in improving abiotic stress tolerance in wheat. In: Wheat production in changing environments: Management, adaptation and tolerance. Eds. Hasanuzzaman M.; Nahar K.; Hossain A. Springer Nature Singapore;

ISBN (eBook) 978-981-13-6883-7; DOI: 10.1007/978-981-13-6883-7; pp 481-495

١٧٠. Seleiman M.F. & Kheir A.S. 2018. Maize productivity, heavy metals uptake and their availability in contaminated clay and sandy alkaline soils as affected by inorganic and organic amendments. *Chemosphere* 204; 514-522.

<https://doi.org/10.1016/j.chemosphere.2018.04.073>. IF= 5.77, Q1

١٧١. Salem HS, Abdel-Salam A, Abdel-Salam MA, Seleiman MF. 2018. Phytoremediation of metal and metalloids from contaminated soil. In

١٧٢. Plants under Metal and Metalloid Stress - Responses, Tolerance and Remediation (ISBN: 978-981-13-2241-9 & eBook ISBN: 978-981-13-2242-6). Eds. Hasanuzzaman M, Nahar K, Fujita M. Series Soil Biology, Springer Nature Singapore Pte Ltd. Chapter 9: Pp 249-262. DOI: 10.1007/978-981-13-2242-6_9

١٧٣. Seleiman M.F. & Abdel-Aal M.S. 2018. Effect of organic, inorganic and bio-fertilization on growth, yield and quality traits of some chickpea (*Cicer arietinum* L.) varieties. *Egyptian Journal of Agronomy* 40(1): 105-117. DOI:10.21608/AGRO.2018.2869.1093. Indexed in ISI

١٧٤. Seleiman M, Abdel-Aal M. 2018. Response of growth, productivity and quality of some Egyptian wheat cultivars to different irrigation regimes. *Egyptian Journal of Agronomy* 40 (3): 313-330. DOI: 10.21608/AGRO.2018.6352.1136. Indexed in ISI

١٧٥. Seleiman M.F., Ibrahim ME, Abdel-Aal SM & Zahran GA. 2010. Effect of seeding rates on productivity, technological and rheological characteristics of bread wheat (*Triticum aestivum* L.). *International Journal for Current Research* 4: 75-81.

١٧٦. Ibrahim ME, Abdel-Aal SM, Seleiman M.F., Khazaei H & Monneveux P. 2010. Effect of different water regimes on agronomical traits and irrigation efficiency in bread wheat (*Triticum aestivum* L.) grown in Nile delta. *Wheat Information Service* 109: 5-9.

١٧٧. Seleiman M.F., Abdel-Aal SM, Ibrahim ME and Monneveux P (2010): Variation of yield and milling, technological and rheological characteristics in some Egyptian bread wheat (*Triticum aestivum L.*) cultivars. Emirates Journal of Food and Agriculture 22: 84-90.
١٧٨. Abdel-Aal SM, Ibrahim ME & Seleiman M.F. 2009. Effect of nitrogen fertilization on yield, technological and rheological characters of wheat (*Triticum aestivum L.*). Egyptian journal of Agronomy 31: 95-107.
١٧٩. Conferences (Abstracts, full papers, audience)
١٨٠. (18) Audience in the 15th International Conference of Agronomy Sciences, 1st– 2rdOctober 2018. Department of Agronomy, University of Ain Shams, Egypt.
١٨١. (3) Seleiman M.F., Santanen A, Stoddard FL &Mäkelä P. 2010. Maize and white lupin as bioenergy crops grown in soil amended with sewage sludge. Proceedings of ‘Agro2010, the XIth ESA Congress’, Montpellier, France, August 29th – September 3rd, 2010. Eds. J Wery, I Shili-Touzi& A Perrin. AgropolisInternational Editions, Montpellier, France, pp. 207-208.
١٨٢. (2) Seleiman M.F., Santanen A, Manninen-Egilmez P, Stoddard F &Mäkelä P. 2010. Sewage sludge as nutrient source for bioenergy crops. In MaataloustieteenvPäivät2010 ”In English: Agricultural Science Day”(e-publication). Suomen Maataloustieteellisen seuran tiedotteita no 26. Ed. A. Hopponen. www.smts.fi.
١٨٣. International symposium of Water for Growth. Aswan, Egypt, 14.11.2007 – 21.11.2007, Audience.
١٨٤. Popularized article, newspaper article
١٨٥. Seleiman M.F., Mäkelä P, Santanen A &Stoddard F. 2010. Puhdistamolieta kasvattaa bioenergiakasvin massaa (in Finnish). MaaseudunTiede 67, 3: 10.
١٨٦. Theses
١٨٧. Master’s thesis
١٨٨. Seleiman M.F. 2007. Effect of some agricultural practices on yield, technological and rheological characters of wheat crop. 186 p.

Master's thesis in Agricultural Sciences, Department of Crop Sciences, Faculty of Agriculture, Minufiya University, Egypt.

١٨٩. Doctoral dissertation (article)

١٩٠. Seleiman M.F. 2014. Towards sustainable intensification of feedstock production with nutrient cycling. 71 p. + appendices. Doctoral Dissertation. Department of Agricultural Sciences, Section of Biology of plant production/ Crop Science, Publication no 22, University of Helsinki, Finland. Available from

١٩١. https://helda.helsinki.fi/bitstream/handle/10138/42898/Mahmoud%20Seleiman_PhD%20Thesis.pdf?sequence.

١٩٢. Asrar, A. A.; Abdel-Fattah, G.; Elhindi, K. and Abdel-Salam, A. (2014). The impact of arbuscular mychorrhizal fungi in improving growth, flower yield and tolerance of kalanchoe (*Kalanchoe blossfeldiana* Poelin) plants grown in NaCl-stress conditions. *J Food Agric Environ*, (ISI, impact factor: 0.435), ISSN: 1459-0255, 12: 105-112.

١٩٣. Asrar A.A., Elhindi K.M., El-Nshar Y.E., Abdel-Salam A.M. (2014). Growth and flowering of chrysanthemum cultivars as affected by Alar and levels of slow-release fertilizer, *J Food Agric Environ*, (ISI, impact factor: 0.435), ISSN: 1459-0255, 12 (2): 132–139.

١٩٤. Asrar A.A., Elhindi K.M., Abdel-Salam A.M. (2014). Growth and flowering response of chrysanthemum cultivars to growth retardants and slow-release fertilizer in an outdoor environment, *J Food Agric Environ*, (ISI, impact factor: 0.435), ISSN: 1459-0255, 12 (2): 963–971.

١٩٥. Elhindi K.M., Asrar A.A., Abdel-Salam A.M. (2014). Evaluation of humic substances fertigation through surface and subsurface drip irrigation systems on *Euryops pectinatus* L. grown on sandy soil. . *J Food Agric Environ*, (ISI, impact factor: 0.435), ISSN: 1459-0255, 12 (2): 1284–1290.

١٩٦. Al-Obeed R.S., M. A. Ahmed, H. A. Kassem & A.M. Alsaif (2018) Improvement of “Kinnow” mandarin fruit productivity and

- quality by urea, boron and zinc foliar spray. Journal of Plant Nutrition. Vol. 41(5): 609–618. (ISI)
١٩٧. ٤٠- Soliman S. S., A. I. Alebidi, R. S. Al-Obeed and A. M. Al-Saif. (2018) Effect of Potassium Fertilizer on Fruit Quality and Mineral Composition of Fig (*Ficus carica* L. Cv. Brown Turky) Pak. J. Bot., 50(5): 1753-1758. (ISI)
١٩٨. Dewir Y. H., A. A. Aldubai, R. S. Al-Obeed, S. El-Hendawy M. K. Seliem and K. R. Al-Harbi (2019). Micropropagation to Conserve the dangered Gabal Elba Dragon Tree (*Dracaena ombet* Heuglin ex Kotschy & Peyr). HORTSCIENCE Vol. 54(1):162–166. (ISI)
١٩٩. S. S. Soliman, H.A. Kassem, R. S. Al-Obeed, and Monia Jemni (2020). Influence of pollen source and its mineral content on fruit retention and quality of Kadary date palm cultivar (*Phoenix dactylifera* L.). Journal of Chemical, Biological and Physical Sciences. Vol. 10 (3); 437-446, E- ISSN: 2249 –1929. (ISI)
٢٠٠. Ahmed Ali Al-Aizari, Rashid S. Al-Obeed, and Mahmoud A.H. (2020). Mohamed Improving micropropagation of some grape cultivars via boron, calcium and phosphate. Electronic Journal of Biotechnology. 48 95–100. (ISI)
٢٠١. Alaa El-Din K. Omar, Mahmoud Abdel-Aziz Ahmed, Rashed Al-Obeed, and Abdullah Alebidi (2020). Influence of foliar applications of yeast extract, seaweed extract and different potassium sources fertilization on yield and fruit quality of ‘Flame Seedless’ grape. Acta Sci. Pol. Hortorum Cultus.19(5): 143–150. e-ISSN 2545-1405. (ISI)
٢٠٢. Adel Mohamed Al-Saif, Mahmoud Abdel-Aziz Ahmed, Rashid Al-Obeed and Ahmed Said El-Sabagh (2020). Yield and fruit quality of *Ziziphus jujuba* L. trees as affected by preharvest foliar application of calcium and ascorbic acid. Acta Sci. Pol. Hortorum Cultus, 19(5): 151–158. e-ISSN 2545-1405. (ISI)
٢٠٣. Personal Information
٢٠٤. Name: Dr. Abdullah Issa Alebidi (A. I. Alebidi)
٢٠٥. Brief Introduction.

٢٠٦. Influence of foliar applications of yeast extract, seaweed extract and different potassium sources fertilization on yield and fruit quality of ‘Flame Seedless’ grape.2020. Omar A.E.-D.K. , Ahmed M.A.-A. , Al-Obeed R. , Alebidi A. *Acta Scientiarum Polonorum. Hortorum Cultus.*
٢٠٧. Foliar Application of Y-Aminobutyric Acid (GABA) Improves Vegetative Growth, and the Physiological and Antioxidative Potential of *Daucus Carota L.* under Water Deficit Conditions. Preprints 2019. Bashir, R.; Riaz, H.N.; Shafiq, M.; Parveen, N.; Alenazi, M.M.; Anwar, S.; Alebidi, A.I. 2019030227 (doi: 10.20944/preprints201903. 0227.v2).
٢٠٨. Effect of Potassium Fertilizer on Fruit Quality and Mineral Composition of Fig (*Ficus carica L.* Cv. Brown Turky) Pak. J. Bot., 50(5): 1753-1758, 2018. (ISI).
٢٠٩. Ahmed A. I. and H. A. Al-Mefarrej (2018) Response of endangered *Diospyros mespiliformis* seed germination and seedlings growth to substrates. International Journal of Plant, Animal and Environmental Sciences, 8 (1): 1-8.
٢١٠. Suansa, N, and H. A. Al-Mefarrej (2019) Ameliorative effect of shade on seedling growth. American J. of Plant Sci., (10): 12-25.
٢١١. Al-Mefarrej, H. and N. Suansa. (2019) Trait-based ecology conduits comparison approach. Wood research. 64 (6): 1055-1064
٢١٢. Suansa N. and H. Al-Mefarrej. (2020) Branch-wood properties and Potential utilization of this variable resource. BioResources, 15(1):479-491.
٢١٣. Ahmed A. I.; I.M. Aref; and H. A. Al-Mefarrej (2020) Developing an optimal method for the rooting and the seedling growth of the medicinal species *Buddleja polystachya* (FRESEN): a step towards mass production. Applied Ecology and Environmental Research, 18 (5): 7393-7405.
٢١٤. Papers Published or Accepted for Publication in Academic, Specialized and Refereed Journals:
٢١٥. Saad. Farouk, Elhindi K.M., Majed A. Alotaibi. (2020). Silicon supplementation mitigates salinity stress on *Ocimum basilicum L.*

via improving water balance, ion homeostasis, and antioxidant defense system. *Ecotoxicology and Environmental Safety* 206, 111396.

٢١٦. Abdullah M. Algahtani, Fahed A. Al-Mana, Khalid M. E. (2020). Alleviation of salinity effects on growth and flowering of Petunia hybrida Juss. using saline water magnetization and soil amendments. In Press.

٢١٧. Fahed A. Al-Mana, Khalid M. Elhindi, Abdullah M. Algahtani, Yaser H. Dewir, Majed A. Alotaibi. (2020). Water magnetization and application of soil amendments enhance growth and productivity of Snapdragon (*Antirrhinum majus L.*) plants. *Hortiscience*. In Press.

٢١٨. Mahmoud R. Sofy, Khalid M. E., Farouk S., Majed A. Alotaibi. (2020). Zinc and Pacllobutrazol Mediated Regulation of Growth, Upregulating Antioxidant Aptitude and Plant Productivity of Pea Plants under Salinity. *Plants*. 9, 1197; doi:10.3390/plants9091197.

٢١٩. Elhindi K.M., Fahed A. Al-Mana, Abdullah M. Algahtani, Majed A. Alotaibi. (2020). Effect of irrigation with saline magnetized water and different soil amendments on growth and flower production of *Calendula officinalis L.* plants. *Saudi Journal of Biological Sciences* 27, 3072–3078.

٢٢٠. Yasser El-Amier, Elhindi K.M., Salah El-Hendawy, Sarah Al-Rashed, Ahmed Abd-ElGawad. (2019). Antioxidant System and Biomolecules Alteration in *Pisum sativum* under Heavy Metal Stress and Possible Alleviation by 5-Aminolevulinic Acid. *Molecules*. 24, 4194.

٢٢١. Elhindi K.M., Fahad A. Al-Mana, Salah El-Hendawy, Wadei A. Al-Selwey, Abdallah M. Elgorban. (2018). Arbuscular mycorrhizal fungi mitigates heavy metal toxicity adverse effects in sewage water contaminated soil on *Tagetes erecta L.* *Soil Science and Plant Nutrition*.

<https://doi.org/10.1080/00380768.2018.1490631>.

٢٢٢. Hosam O. Elansary, Samir A. M. Abdelgaleil, Eman A. Mahmoud, Kowiyou Yessoufou, Elhindi K.M., Salah El-Hendawy. (2018). Effective antioxidant, antimicrobial and anticancer activities

- of essential oils of horticultural aromatic crops in northern Egypt. Complementary and Alternative Medicine. 18:214.
٢٢٣. 3- Elhindi, K. M.; Al-Mana, F. A.; El-Hendawy, S; Al-Selwey, W. A.; Elgorban, A. M. (2018). Arbuscular mycorrhizal fungi mitigates heavy metal toxicity adverse effects in sewage water contaminated soil on *Tagetes erecta* L. Soil Science and Plant Nutrition. <https://doi.org/10.1080/00380768.2018.1490631>.
٢٢٤. Elansary, H.O.; Szopa, A.; Kubica, P.; Al-Mana, F.A.; Mahmoud, E.A.; Zin Elabedin,T.K.A.; Mattar, M.A.; Ekiert, H. 2019. Molecules. Phenolic
٢٢٥. compounds of *Catalpa speciosa*, *Taxus cuspidata*, and *Magnolia acuminata* have antioxidant and anticancer activity. Molecules 24(3): 412. DOI:10.3390/molecules24030412.
٢٢٦. Elansary, H.O.; Abdel-Hamid, A.M.E.; Mahmoud, E.A.; Al-Mana, F.A; El-Ansary, D.O.; Zin Elabedin, T.K.A. 2019. *Heuchera Creme Brulee* and Mahogany medicinal value under water stress and oligosaccharide (COS) treatment. Evidence-Based Complementary and Alternative Medicine, 4242359, 13 pages.
٢٢٧. Elhindi, K.M.; Al-Mana, F.A.; Algahtani, A. M.; Alotaibi, M.A. 2020. Effect of irrigation with saline magnetized water and different soil amendments on growth and flower production of *Calendula officinalis* L. plants. Saudi Journal of Biological Sciences, 27: 3072–3078.
٢٢٨. Elansary, H.O.; Szopa A.; Kupica, P.; Ekiert, H.; Al-Mana, F.A.; Al-Yafrsi, M.A. 2020. Antioxidant and biological activities of *Acacia saligna* and *Lawsonia inermis* natural populations. Plants, 9, 908.
٢٢٩. Szopa, A.; Pajor, J.; Klin, P.; Rzepiela, A.; Elansary, H.O.; Al-Mana, F.A.; Mattar, M.A.; Ekiert, H. 2020. *Artemisia absinthium* L. importance in the history of medicine, the latest advances in phytochemistry and therapeutical, cosmetological and culinary uses. Plants, , 9, 1063.
٢٣٠. Elansary, H.O.; Szopa, A.; Kubica, P.; Ekiert, H.; Al-Mana, F.A.; El-Shafei, A.A. 2020. Polyphenols of *Frangula alnus* and

Peganum harmala leaves and associated biological activities. Plants, 9, 1086.

٢٣١. Mahmoud, E.A.; Elansary, H.O; El-Ansary, D.O.; Al-Mana, F.A. 2020. Elevated Bioactivity of *Ruta graveolens* against cancer cells and microbes using seaweeds. Processes, 8(1), 75.
٢٣٢. Abd El-Kareem, M.S.M.; Rabbih, M.A.; Elansary, H.O; Al-Mana, F.A. 2020. Mass spectral fragmentation of *Pelargonium graveolens* essential oil using GC–MS semi-empirical calculations and biological potential. Processes, 8(2), 128.
٢٣٣. Elansary, H. O.; Szopa A.; Klimek-Szczykutowicz, M.; Ekiert, H.; Barakat, A. A.; Al-Mana FA. 2020. Antiproliferative, Antimicrobial, and Antifungal Activities of Polyphenol Extracts from Ferocactus Species. Processes, 8(2), 138.
٢٣٤. Elansary, H. O.; Szopa A.; Kupica, P.; El-Ansary, D.O.; Ekiert, H.; Al-Mana, F.A. 2020. *Malus baccata* var. *gracilis* and *Malus toringoides* bark polyphenol studies and antioxidant, antimicrobial and anticancer activities. Processes, 8(3), 283.
٢٣٥. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; El-Ansary, D.O.; Al-Mana, FA.; Mahmoud, E.A. 2020. Saudi *Rosmarinus officinalis* and *Ocimum basilicum* L. polyphenols and biological activities. Processes, 8(4), 446.
٢٣٦. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; El-Ansary, D.O.; Al-Mana, FA.; Mahmoud, E.A. 2020. Polyphenol content and biological activities of *Ruta graveolens* L. and *Artemisia abrotanum* L. in northern Saudi Arabia. Processes, 8(5): 531.
٢٣٧. Elansary, H.O.; Abdel-Hamid; A.M.E., Yessoufou, K.; Al-Mana, F.A.; El-Ansary D.O., Mahmoud, E.A., Al-Yafrasi, M.A. 2020. Physiological and molecular characterization of water-stressed *Chrysanthemum* under robinin and chitosan treatment. *Acta Physiologia Plantarum*, 42, 31.
٢٣٨. Omar , A. K.; R. S. Al-Obeed1 and M. A. Ahmed (2014). Metaxenic effects as related to male palm (*Phoenix dactylifera* and *Phoenix canariensis*), yield and fruit quality of Khalas fruit. *Journal of Food, Agriculture & Environment*, Vol.12 (2) :523-525.

٢٣٩. Aref I.M., P. R. Khan, H. A. Al-Mefarrej, T. Al-Shahrani, A. Ismail, and M. Iqbal (2014) Cambial periodicity and wood production in *Acacia ehrenbergiana* Hayne growing on dry sites of Saudi Arabia, Journal of Environmental Biology, vol 35: 301-310.
٢٤٠. Al-Mefarrej, H., M (2014) Cambial activity in *Acacia tortilis* subsp *tortilis* of Saudi Arabia, IAWA Journal, 35(2): 138-154.
٢٤١. Al-Mefarrej H. A. , M. A. Abdel-Aal and R. A. Nasser (2014) Influence of the cooking conditions on the properties of pulp and papersheets from Athel wood (*Tamarix aphylla* L.) obtained by the soda-AQ method, Journal of Food, Agriculture & Environment Vol.12 (2): 1 3 3 6 - 1 3 4 1 .
٢٤٢. Nasser R.A., Al-Mefarrej, H.A., Abdel-Aal, A.M. and Alshahrani, T.S. (2014) Effect of tree species and wood particle size on the properties of cement-bonded particleboard manufacturing from tree prunings. Journal of Environmental Biology, vol 35: 961-971.
٢٤٣. Nasser R. A., M. Z. Salem, H. A. Al-Mefarrej, M. A. Abdel-Aal, and S. Soliman (2014) Fuel characteristics of vine pruning (*Vitis vinifera* L.) as a potential source for energy production. BioResources, 9(1): 482-496.
٢٤٤. Abdul-Wasaa A.A, Abdel-Fattah G.M., Elhindi K.M., Abdel-Salam, E. (2014).The impact of arbuscular mychorrhizal fungi in improving growth, flower yield and tolerance of kalanchoe (*Kalanchoe blossfeldiana* Poelin) plants grown in NaCl-stress conditions. Journal of Food, Agriculture & Environment. 12 (1):105-112.
٢٤٥. Elhindi K.M., Abdul-Wasaa A.A., Abdel-Salam A.M. (2014). Evaluation of humic substances fertigation through surface and subsurface drip irrigation systems on *Euryops pectinatus* L. grown on sandy soil. Journal of Food, Agriculture & Environment.12 (2): 1284-1290.
٢٤٦. Abdul-Wasaa A.A., Elhindi K.M., Abdel-Fattah G.M., Abdel-Salam A.M. (2014). Growth and flowering response of chrysanthemum cultivars to growth retardants and slow-release

fertilizer in an outdoor environment. Journal of Food, Agriculture & Environment. 12 (2): 963-971.

٢٤٧. Abdul-Wasaa A.A., Elhindi K.M., El-Nashar Y.I., Abdel-Salam A.M. (2014). Growth and flowering of chrysanthemum cultivars as affected by Alar and levels of slow-release fertilizer. Journal of Food, Agriculture & Environment.12 (2): 1342-1349.

٢٤٨. <https://doi.org/10.23986/afsci.60068>. IF= 1.60, Q2

٢٤٩. Abou El Hassan W.H., Hafez E.M., Ghareib A.A.A., Freeg M.R., Seleiman M.F. 2014. Impact of nitrogen fertilisation and irrigation on water utilization efficiency, N accumulation, growth and yields of Zea mays L. Journal of Food, Agriculture & Environment 12 (3&4): 217-222. IF= 0.49, Q4

٢٥٠. Seleiman M.F., Santanen A, Stoddard FL &Mäkelä PSA. 2014. The impact of synthetic fertilizer on mycorrhiza activity in comparison to sludge application on cropland. Abstracts, XIIIth Congress of the European Society for Agronomy, Debrecen, Hungary, 25th –29th August 2014, pp. 159–160.

٢٥١. Seleiman M.F. 2014. Potential interactions between land sludge application and mycorrhiza activity. Spring Symposium (23ndedition), Viikki Campus, University of Helsinki, Finland, 3rd – 5th March 2014, pp. 29–29.

٢٥٢. Abdel-Fattah, G.; Asrar, A. A.; El-Amri, S. M. and Abdel-Salam, A. (2014). Influence of arbuscular mycorrhiza and phosphorus fertilization on the gas exchange status, growth and nutrients content of soybean (*Glycine max* L.) plants grown in a sandy loam soil. J Food Agric Environ, (ISI, impact factor: 0.435), ISSN: 1459-0255, 12 : 150-156.

٢٥٣. Omar , A. K.; R. S. Al-Obeed1 and M. A. Ahmed (2014). Metaxenic effects as related to male palm (*Phoenix dactylifera* and *Phoenix canariensis*), yield and fruit quality of Khalas fruit. Journal of Food, Agriculture & Environment, Vol.12 (2) :523-525.

٢٥٤. Aref I.M., P. R. Khan, H. A. Al-Mefarrej, T. Al-Shahrani, A. Ismail, and M. Iqbal (2014) Cambial periodicity and wood

- production in *Acacia ehrenbergiana* Hayne growing on dry sites of Saudi Arabia, Journal of Environmental Biology, vol 35: 301-310.
٢٥٥. Al-Mefarrej, H., M (2014) Cambial activity in *Acacia tortilis* subsp *tortilis* of Saudi Arabia, IAWA Journal, 35(2): 138-154.
٢٥٦. Al-Mefarrej H. A. , M. A. Abdel-Aal and R. A. Nasser (2014) Influence of the cooking conditions on the properties of pulp and papersheets from Athel wood (*Tamarix aphylla* L.) obtained by the soda-AQ method, Journal of Food, Agriculture & Environment Vol.12 (2): 1 3 3 6 - 1 3 4 1 .
٢٥٧. Nasser R.A., Al-Mefarrej, H.A., Abdel-Aal, A.M. and Alshahrani, T.S. (2014) Effect of tree species and wood particle size on the properties of cement-bonded particleboard manufacturing from tree prunings. Journal of Environmental Biology, vol 35: 961-971.
٢٥٨. Nasser R. A., M. Z. Salem, H. A. Al-Mefarrej, M. A. Abdel-Aal, and S. Soliman (2014) Fuel characteristics of vine pruning (*Vitis vinifera* L.) as a potential source for energy production. BioResources, 9(1): 482-496.
٢٥٩. Abdul-Wasaa A.A, Abdel-Fattah G.M., Elhindi K.M., Abdel-Salam, E. (2014).The impact of arbuscular mychorrhizal fungi in improving growth, flower yield and tolerance of kalanchoe (*Kalanchoe blossfeldiana* Poelin) plants grown in NaCl-stress conditions. Journal of Food, Agriculture & Environment. 12 (1):105-112.
٢٦٠. Elhindi K.M., Abdul-Wasaa A.A., Abdel-Salam A.M. (2014). Evaluation of humic substances fertigation through surface and subsurface drip irrigation systems on *Euryops pectinatus* L. grown on sandy soil. Journal of Food, Agriculture & Environment.12 (2): 1284-1290.
٢٦١. Abdul-Wasaa A.A., Elhindi K.M., Abdel-Fattah G.M., Abdel-Salam A.M. (2014). Growth and flowering response of chrysanthemum cultivars to growth retardants and slow-release fertilizer in an outdoor environment. Journal of Food, Agriculture & Environment. 12 (2): 963-971.

٢٦٢. Abdul-Wasaa A.A., Elhindi K.M., El-Nashar Y.I., Abdel-Salam A.M. (2014). Growth and flowering of chrysanthemum cultivars as affected by Alar and levels of slow-release fertilizer. Journal of Food, Agriculture & Environment.12 (2): 1342-1349.

٢٦٤. Hafez E.H., Abou El Hassan W.H., Gaafar I.A., Seleiman M.F. 2015. Effect of gypsum application and irrigation intervals on clay saline-sodic soil characterization, rice water use efficiency, growth, and yield. *Journal of Agricultural Science* 7(12): 208-219. DOI: <https://doi.org/10.5539/jas.v7n12p208>
٢٦٥. Abdel-Salam A., Salem HM.,Abdel-Salam MA. & Seleiman MF. 2015. Phyto and chemical removal of heavy metal-contaminated soils. In *Heavy Metal Contamination of Soils: Monitoring and Remediation* (ISBN 978-3-319-14526-6). Eds. I. Sherameti & A. Varma. Series *Soil Biology*, Springer Publisher. Volume 44, Chapter 16: Pp 299-308. DOI: https://doi.org/10.1007/978-3-319-14526-6_16
٢٦٦. Seleiman M.F., Selim Sh., Jaakkola S., Mäkelä P.S.A. 2015. Nutritive value and in vitro digestibility of whole-crop maize fertilized with synthetic fertilizer or sewage sludge harvested at two maturity stages. *12th International Conference for Future Horizon of Sustainable Environmental Development In Arab Countries and Facing the Challenges*, Sharm El-Sheikh, Egypt, 19-22 December 2015.
٢٦٧. Hafez E.M., Abou El Hassan W.H., Seleiman M.F. 2015. Physiological response to water stress and nitrogen management in barely under saline soil condition. *The 12th International Conference of Desert Technology*, Faculty of Agriculture, Cairo University, Egypt, 16 – 19 November 2015.
٢٦٨. Salem M.F., Tamoerg P., Seleiman M.F. 2015. Innovative biofumigation technologies for soil risk assessment. *Topical Scientific Workshop on Soil Risk Assessment*, Helsinki, Finland, 7 - 8 October, 2015.
٢٦٩. Seleiman M.F., Simojoki A, Soinne H, Santanen A, Mäkelä PSA. 2015. Digested sludges as a source of phosphorus, and environmental risk. *The 25th Congress of the Nordic Association of Agricultural Scientists, Nordic View to Sustainable Rural Development*, Riga, Latvia, 16th – 18th June 2015.

٢٧٠. Omar, A.KH.; M.A. Ahmed and R.S. Al-Obeed (2015). Improving fruit set, yield and fruit quality of semi-dry date palm (*Phoenix dactylifera*, L. cv. Mnifi) through bunches spray with boron and zinc. Journal of Testing and Evaluation. Vol. 43(4):717-722.
٢٧١. Hashem Abeer; E. F. Abd-Allah; R. S. Al-Obeed; A. A. Alqarawi; H. A. Alwathnani (2015). Effect of Carbon, Nitrogen Sources and Water Activity on Growth and Ochratoxin Production of *Aspergillus carbonarius* (Bainier) Thom. Jundishapur J Microbiol; 8(2): e17569 (ISI).
٢٧٢. Soliman. S.S., R.S. Al-Obeed, and T. A. Ahmed (2015). Physico-chemical characteristics of oil produced from seeds of some date palm cultivars (*Phoenix dactylifera*, L.). Journal of Environmental Biology. Vol. 36 (2): 455 – 459. (ISI)
٢٧٣. Soliman. S.S., R.S. Al-Obeed, and A. M. El-Saif (2015). Multivariet analysis as tool in the assessment of thinning of Segae date palm cultivar (*Phoenix dactylifera* L.). Pakistani Journal of Botany, Vol. 47 (5): 2023 - 2029. (ISI).
٢٧٤. Plant Production Department, College of Food and Agricultural Sciences, King Saud University, PO Box 2460 Riyadh 11451
٢٧٥. Saudi Arabia
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٢٧٨. E-Mail: aalebidi@ksu.edu.sa
٢٧٩. Web: <https://fac.ksu.edu.sa/aalebidi>
٢٨٠. Physiological and biochemical properties of three cultivars of wax apple (*Syzygium samarangense* (Blume) Merrill & L. M. Perry) fruits. J. Sustain. Sci. Manage. Volume 10 (1) 2015: 66-75.
٢٨١. Nasser R. A., S. Hiziroglu, M. A. Abdel-Aal, H. A. Al-Mefarrej, N. D. Shetta, and I M. Aref (2015) Measurement of some properties of pulp and paper made from date palm midribs and wheat straw by soda-AQ pulping process. Measurement 62 (2015) 179–186
٢٨٢. Abdel-Aal, M. A.; Nasser, R. A.; Khan, P. R. and H. A. Al-Mefarrej (2015) Anatomical and physical characterisations of some

- lignocellulosic residues and their suitability for fibre production. Journal Of Environmental Biology V. (36): 543-549.
٢٨٣. Hafez E.H., Abou El Hassan W.H., Gaafar I.A., Seleiman M.F. 2015. Effect of gypsum application and irrigation intervals on clay saline-sodic soil characterization, rice water use efficiency, growth, and yield. Journal of Agricultural Science 7(12): 208-219. DOI: <https://doi.org/10.5539/jas.v7n12p208>
٢٨٤. Abdel-Salam A., Salem HM.,Abdel-Salam MA. & Seleiman MF. 2015. Phyto and chemical removal of heavy metal-contaminated soils. In Heavy Metal Contamination of Soils: Monitoring and Remediation (ISBN 978-3-319-14526-6). Eds. I. Sherameti & A. Varma. Series Soil Biology, Springer Publisher. Volume 44, Chapter 16: Pp 299-308. DOI: https://doi.org/10.1007/978-3-319-14526-6_16
٢٨٥. Seleiman M.F., Selim Sh., Jaakkola S., Mäkelä P.S.A. 2015. Nutritive value and in vitro digestibility of whole-crop maize fertilized with synthetic fertilizer or sewage sludge harvested at two maturity stages. 12th International Conference for Future Horizon of Sustainable Environmental Development In Arab Countries and Facing the Challenges, Sharm El-Sheikh, Egypt, 19-22 December 2015.
٢٨٦. Hafez E.M., Abou El Hassan W.H., Seleiman M.F. 2015. Physiological response to water stress and nitrogen management in barely under saline soil condition. The 12th International Conference of Desert Technology, Faculty of Agriculture, Cairo University, Egypt, 16 – 19 November 2015.
٢٨٧. Salem M.F., Tamoerg P., Seleiman M.F. 2015. Innovative biofumigation technologies for soil risk assessment. Topical Scientific Workshop on Soil Risk Assessment, Helsinki, Finland, 7 - 8 October, 2015.
٢٨٨. Seleiman M.F., Simojoki A, Soinne H, Santanen A, Mäkelä PSA. 2015. Digested sludges as a source of phosphorus, and environmental risk. The 25th Congress of the Nordic Association of Agricultural Scientists, Nordic View to Sustainable Rural Development, Riga, Latvia, 16th – 18th June 2015.

٢٨٩. Omar, A.KH.; M.A. Ahmed and R.S. Al-Obeed (2015). Improving fruit set, yield and fruit quality of semi-dry date palm (*Phoenix dactylifera*, L. cv. Mnifi) through bunches spray with boron and zinc. Journal of Testing and Evaluation. Vol. 43(4):717-722.
٢٩٠. Hashem Abeer; E. F. Abd-Allah; R. S. Al-Obeed; A. A. Alqarawi; H. A. Alwathnani (2015). Effect of Carbon, Nitrogen Sources and Water Activity on Growth and Ochratoxin Production of *Aspergillus carbonarius* (Bainier) Thom. Jundishapur J Microbiol; 8(2): e17569 (ISI).
٢٩١. Soliman. S.S., R.S. Al-Obeed, and T. A. Ahmed (2015). Physico-chemical characteristics of oil produced from seeds of some date palm cultivars (*Phoenix dactylifera*, L.). Journal of Environmental Biology. Vol. 36 (2): 455 – 459. (ISI)
٢٩٢. Soliman. S.S., R.S. Al-Obeed, and A. M. El-Saif (2015). Multivariet analysis as tool in the assessment of thinning of Segae date palm cultivar (*Phoenix dactylifera* L.). Pakistani Journal of Botany, Vol. 47 (5): 2023 - 2029. (ISI).
٢٩٣. Physiological and biochemical properties of three cultivars of wax apple (*Syzygium samarangense* (Blume) Merrill & L. M. Perry) fruits. J. Sustain. Sci. Manage. Volume 10 (1) 2015: 66-75.
٢٩٤. Nasser R. A., S. Hiziroglu, M. A. Abdel-Aal, H. A. Al-Mefarrej, N. D. Shetta, and I M. Aref (2015) Measurement of some properties of pulp and paper made from date palm midribs and wheat straw by soda-AQ pulping process. Measurement 62 (2015) 179–186
٢٩٥. Abdel-Aal, M. A.; Nasser, R. A.; Khan, P. R. and H. A. Al-Mefarrej (2015) Anatomical and physical characterisations of some lignocellulosic residues and their suitability for fibre production. Journal Of Environmental Biology V. (36): 543-549.
٢٩٦. 2015
٢٩٧. Abd_Allah E.F., Hashem Abeer, Alqarawi A.A. and Alwathnani Hend A. (2015). Alleviation of adverse impact of cadmium stress in sunflower (*Helianthus annuus* L.) by arbuscular mycorrhizal fungi. Pak. J. Bot., 47(2): 785-795.

٢٩٨. Abd_Allah E.F., Hashem Abeer; Alqarawi A.A. and Alwhibi Mona S. (2015). Alleviation of adverse impact of salt in *Phaselous vulgaris* L. by arbuscular mycorrhizal fungi. Pak. J. Bot., 47(3): 1167-1176.
٢٩٩. Abd_Allah E.F., Hashem Abeer; Alqarawi A.A.; Ali Hassan Bahkali and Alwhibi Mona S. (2015). Enhancing growth performance and systemic acquired resistance of medicinal plant *Sesbania sesban* (L.) Merr using arbuscular mycorrhizal fungi under salt stress. Saudi Journal of Biological Sciences, 22 (3): 274-283.
٣٠٠. Ahmad P., Hashem Abeer, Abd_Allah E.F., Alqarawi A.A., John R., Egamberdieva Dilfuza and Gucel S. (2015). Role of *Trichoderma harzianum* in mitigating NaCl stress in Indian mustard (*Brassica juncea* L) through antioxidative defense system. Frontiers in Plant Science, 6: 1-15.
٣٠١. Basit A; Hussain M; Ayaz S; Shahid M; Rahim K; Ahmad I; Ullah R; Hashem A.; Abd_Allah EF; Alqarawi A.A. and Gul Naila.(2015). Isolation and identification of *Mycobacterium bovis* and *Mycobacterium tuberculosis* from animal tissues by conventional and molecular method. Indian J. Anim. Res., 49 (5): 687-693.
٣٠٢. Dhar. P. P., Abdul Aziz Alqarawi, Mohammed Amin Uddin Mridha, (2015). Arbuscular mycorrhizal association in some Asteraceae plants growing in the arid lands of Saudi Arabia. Journal of Arid Land 7(5): 676 -٦٨٦.
٣٠٣. Dilfuza; Wirth S.; Alqarawi A.A. and Abd_Allah E.F. (2015). Salt tolerant *Methylobacterium mesophilicum* showed viable colonization abilities in the plant rhizosphere. Saudi J. Biol. Sci., 22(5): 585-590.
٣٠٤. Hashem A., Abd_Allah E.F.; Alqarawi A.A.; Aldubise A. and Egamberdieva D. (2015). Arbuscular mycorrhizal fungi enhances salinity tolerance of *Panicum turgidum* Forssk by altering photosynthetic and antioxidant pathways. Journal of Plant Interactions, 10 (1): 230-242.
٣٠٥. Hashem A., Abd_Allah E.F., Al-Obeed R.S., Alqarawi A.A. and Alwathnani H. A. (2015). Effect of carbon, nitrogen sources and

water activity on growth and ochratoxin production of *Aspergillus carbonarius* (Bainier) Thom (Bain). Jundishapur Journal of Microbiology, 8(2): e17569.

٣٠٦. Hashem Abeer., Abd_Allah E.F., Alqarawi A.A. and Egamberdieva Dilfuza. (2015). Induction of salt stress tolerance in cowpea [*Vigna unguiculata* (L.) Walp.] by arbuscular mycorrhizal fungi. Legume Research, 38 (5): 579-588.

٣٠٧. Hashem Abeer., Abd_Allah E.F., Alqarawi A.A., Al Whibi M. S., Alenazi M.M., Egamberdieva Dilfuza and Ahmad P. (2015). Arbuscular mycorrhizal fungi mitigates NaCl adverse effects on *Solanum lycopersicum* L. Pak. J. Bot., 47(1): 327-340.

٣٠٨. Tariq A., Mussarat S., Adnan M., Hashem Abeer., Abd_Allah E.F., Alqarawi A.A. and Ullah R. (2015). Ethnomedicinal evaluation of medicinal plants used against gastrointestinal complaints. BioMed Research International, 2015: 1-14.

<http://dx.doi.org/10.1155/2015/892947>.

٣٠٩. Abeer, H., Abd_Allah E.F., Alqarawi, A.A., Al-Huqail, A.A., Alshalawi, S.R.M., Wirth, S. and Dilfuza, E. (2015). Impact of plant growth promoting *Bacillus subtilis* on growth and physiological parameters of *Bassia indica* (Indian bassia) grown under salt stress. Pak. J. Bot., 47(5): 1735-1741.

٣١٠.

٣١١. 18. Abdallah M. E., Ali H. Bahkali, Shaban R.S., Sayed F.A., Elhindi K.M. (2016). Extracellular synthesis of silver nanoparticles using *Aspergillus versicolor* and evaluation of their activity on plant pathogenic fungi. Mycosphere. 7(6):844-852.

٣١٢. Elhindi K.M., Yaser H.D., Abdul-Wasea A., Eslam A.S., Sharaf El-Din A., Mohamed Ali (2016). Improvement of seed germination in three medicinal plant species by plant growth regulators. HORTSCIENCE 51(7):887–891.

٣١٣.

٣١٤. Elhindi K.M., Salah E., Eslam A., Abdallah E., Mukhtar A. (2016). Impacts of fertigation via surface and subsurface drip

- irrigation on growth rate, yield and flower quality of *Zinnia elegans*. *Bragantia, Campinas*. 75(1): 96-107.
٣١٥. Abdallah M.E., Abd El-Rahim M.E., Mohamed A.Y., Shaban R.S., Syed F.A., Elhindi K.M., Marwa B., Mujeeb K. (2016). Antifungal silver nanoparticles: synthesis, characterization and biological evaluation. *Biotechnology & BiotechnologicaL Equipment*. 30 (1): 56-62.
٣١٦. Elhindi K.M., Salah E., Eslam A., URS S., Shafiq ur R. (2016). Foliar application of potassium nitrate affects the growth and photosynthesis in coriander (*Coriander sativum L.*) plants under salinity. *Progress in Nutrition* 6 (18): 1: 63-73.
٣١٧. Salem M. Al-Amri1, Elhindi K.M., Sharaf El-Din A.F. (2016). Effects of arbuscular mycorrhizal fungus *Glomus mosseae* and phosphorus application on plant growth rate, essential oil content and composition of coriander (*Coriander sativum L.*). *Progress in Nutrition* . 18(4): 443-454.
٣١٨. Elhindi K.M., Sharaf El-Din A.F., Yakout S.M. (2016). Effect of foliar-applied iron and zinc on growth rate and essential oil in sweet basil (*Ocimum basilicum L.*) under saline conditions. *Progress in Nutrition*. 18 (3):288-298.
٣١٩. Elhindi K.M., Sharaf El-Din A. (2016). Effectiveness of salicylic acid (SA) in mitigating salt-induced adverse effects on different physio-biochemical attributes in sweet basil (*Ocimum basilicum L.*). *Acta Agriculturae Scandinavica Section B-Soil and Plant Science*. 40 (6): 908–919
٣٢٠. Al-Ashkar, I. M., Zaazaal, E. I., ELSabagh, A. and Barutçular C. (2016) Physio-biochemical and molecular characterization for drought tolerance in rice genotypes at early seedling stage. *Journal of Experimental Biology and Agricultural Sciences (ISI)* (IF= 0.675). DOI: 10.18006/2016.4(Issue6).675.687
٣٢١. Barakat, M.N., N.A. Al-Suhaimi, S. El-Hendawy, A.A. Al-Doss, A.A. Elshafei, I.M. Al-Ashkar, E. Ahmed and K. Al-Gaadi (2016) The genetic basis of spectral reflectance indices in drought-

stressed wheat. *Acta Physiologiae Plantarum.* (ISI) (IF= 1.364). DOI 10.1007/s11738-016-2249-9.

٣٢٢. Audience in the 14th International Conference of Agronomy Sciences, 11th– 13th October 2016. Department of Agronomy, University of Suez Canal, Egypt.

٣٢٣. Audience in the 10th International Conference of Plant Breeding "Plant breeding role in facing of environmental obstacles and climatic changes in Agriculture", Faculty of Agriculture, Menoufia University, Egypt, 5-6th September 2016.

٣٤. Khalid M. Elhindi, Yaser Hassan Dewir, Abdul-Wasea Asrar, Eslam Abdel-Salam, Ahmed Sharaf El-Din, Mohamed Ali. Improvement of seed germination in three medicinal plant species by plant growth regulators. 2016. *HortScience*: a publication of the American Society for Horticultural Science 07/2016; 51(7):887-891. (ISI).

٣٥. Soliman, S.S.; Al-Saif, A.M. ; Al-Obeed, R.S. (2016) Evaluation of pollen germination of some palm males and pollination impact on bunch weight and fruit quality in Kadary date palm cultivar (*Phoenix dactylifera L.*) *Journal of Environmental Biology.* Vol. 37(1):141-147. (ISI)

٣٦. Al-Faifi, S.A. ; Migdadi, H.M. ; Algamdi, S.S. ; Khan, M.A. ; Ammar, M.H. ; Al-Obeed, R.S. ; Al-Thamra, M.I. ; El-Harty, E.H. and Jakse, J. (2016). Development, characterization and use of genomic SSR markers for assessment of genetic diversity in some Saudi date palm (*Phoenix dactylifera L.*) cv. *Electronic Journal of Biotechnology.* Vol.21:18-25.

٣٧. Causes and Prevention of Fruit Drop of *Syzygium Samarangense* (Wax Apple): A Review. *Advances in Environmental Biology*, 10(11) November 2016, 112-123

٣٨. Ramadan A. Nasser, Mohamed Z. M. Salem, Salim Hiziroglu, Hamad A. Al-Mefarrej, Ahmed S. Mohareb, Manawwer Alam and

Ibrahim M. Aref (2016) Chemical Analysis of Different Parts of Date Palm (*Phoenix dactylifera* L.) Using Ultimate, Proximate and Thermo-Gravimetric Techniques for Energy Production. *Energies* 2016, 9, 374; doi:10.3390/en9050374.

٣٢٩. Ramadan A. Nasser, Mohamed Z. M. Salem, Hamad A. Al-Mefarrej, and Ibrahim M. Aref (2016) Measurement of Some Strength Properties and the Chemical Compositions of Seven Hardwood Species Grown in Northwest Egypt. *Journal of Testing and Evaluation* VOL. 44 / NO. 4.

٣٣٠. Ramadan A. Nasser, Mohamed Z. M. Salem, Hamad A. Al-Mefarrej, and Ibrahim M. Aref. (2016) Use of tree pruning wastes for manufacturing of wood reinforced cement composites. *Cement and concrete composites* 72 (2016)246-256.

٣٣١. Ramadan A. Nasser, Mohamed Z.M. Salem, Ahmed S. Mohareb, H.A. Al-Mefarrej, M. Alam and I.M. Aref (2016) Ultimate, proximate and thermo-gravimetric analyses of various parts of date palm (*Phoenix dactylifera* L.) with regard to fuel properties. *Forests*, 2016, 7, x, doi:10.3390.

٣٣٢. Elhindi K.M., Salah E., Eslam A., Abdallah E., Mukhtar A. (2016). Impacts of fertigation via surface and subsurface drip irrigation on growth rate, yield and flower quality of *Zinnia elegans*. *Bragantia, Campinas*. 75(1): 96-107.

٣٣٣. Abdallah M.E., Abd El-Rahim M.E., Mohamed A.Y., Shaban R.S., Syed F.A., Elhindi K.M., Marwa B., Mujeeb K. (2016). Antifungal silver nanoparticles: synthesis, characterization and biological evaluation. *Biotechnology & Biotechnological Equipment*. 30 (1): 56-62.

٣٣٤. Elhindi K.M., Salah E., Eslam A., URS S., Shafiq ur R. (2016). Foliar application of potassium nitrate affects the growth and photosynthesis in coriander (*Coriander sativum* L.) plants under salinity. *Progress in Nutrition* 6 (18): 1: 63-73.

٣٣٥. Salem M. Al-Amri1, Elhindi K.M., Sharaf El-Din A.F. (2016). Effects of arbuscular mycorrhizal fungus *Glomus mosseae* and phosphorus application on plant growth rate, essential oil content and

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٣٣٦. Elhindi K.M., Sharaf El-Din A.F., Yakout S.M. (2016). Effect of foliar-applied iron and zinc on growth rate and essential oil in sweet basil (*Ocimum basilicum L.*) under saline conditions. Progress in Nutrition. 18 (3):288-298.

٣٣٧. Elhindi K.M., Sharaf El-Din A. (2016). Effectiveness of salicylic acid (SA) in mitigating salt-induced adverse effects on different physio-biochemical attributes in sweet basil (*Ocimum basilicum L.*). *Acta Agriculturae Scandinavica Section B-Soil and Plant Science*. 40 (6): 908–919

٣٣٨. Elhindi K.M., Yaser H.D., Abdul-Wasea A., Eslam A.S., Sharaf El-Din A., Mohamed Ali (2016). Improvement of seed germination in three medicinal plant species by plant growth regulators. *HORTSCIENCE* 51(7):887–891.

٣٣٩. Abdallah M. E., Ali H. Bahkali, Shaban R.S., Sayed F.A., Elhindi K.M. (2016). Extracellular synthesis of silver nanoparticles using *Aspergillus versicolor* and evaluation of their activity on plant pathogenic fungi. *Mycosphere*. 7(6):844-852.

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٤٦. Ramadan A. Nasser, Mohamed Z. M. Salem, Salim Hiziroglu, Hamad A. Al-Mefarrej, Ahmed S. Mohareb, Manawwer Alam and Ibrahim M. Aref (2016) Chemical Analysis of Different Parts of Date Palm (*Phoenix dactylifera L.*) Using Ultimate, Proximate and

Thermo-Gravimetric Techniques for Energy Production. Energies 2016, 9, 374; doi:10.3390/en9050374.

٣٤٧. Ramadan A. Nasser, Mohamed Z. M. Salem, Hamad A. Al-Mefarrej, and Ibrahim M. Aref (2016) Measurement of Some Strength Properties and the Chemical Compositions of Seven Hardwood Species Grown in Northwest Egypt. Journal of Testing and Evaluation VOL. 44 / NO. 4.

٣٤٨. Ramadan A. Nasser, Mohamed Z. M. Salem, Hamad A. Al-Mefarrej, and Ibrahim M. Aref. (2016) Use of tree pruning wastes for manufacturing of wood reinforced cement composites. Cement and concrete composites 72 (2016)246-256.

٣٤٩. Ramadan A. Nasser, Mohamed Z.M. Salem, Ahmed S. Mohareb, H.A. Al-Mefarrej, M. Alam and I.M. Aref (2016) Ultimate, proximate and thermo-gravimetric analyses of various parts of date palm (*Phoenix dactylifera* L.) with regard to fuel properties. Forests, 2016, 7, x, doi:10.3390.

٣٥٠. Al-Faifi, S.A. ; Migdadi, H.M. ; Algamdi, S.S. ; Khan, M.A. ; Ammar, M.H. ; Al-Obeed, R.S. ; Al-Thamra, M.I. ; El-Harty, E.H. and Jakse, J. (2016). Development, characterization and use of genomic SSR markers for assessment of genetic diversity in some Saudi date palm (*Phoenix dactylifera* L.) cv. Electronic Journal of Biotechnology. Vol.21:18-25.

٣٥١. Khalid M. Elhindi, Yaser Hassan Dewir, Abdul-Wasea Asrar, Eslam Abdel-Salam, Ahmed Sharaf El-Din, Mohamed Ali. Improvement of seed germination in three medicinal plant species by plant growth regulators. 2016. HortScience: a publication of the American Society for Horticultural Science 07/2016; 51(7):887-891. (ISI).

٣٥٢. Soliman, S.S.; Al-Saif, A.M. ; Al-Obeed, R.S. (2016) Evaluation of pollen germination of some palm males and pollination impact on bunch weight and fruit quality in Kadary date palm cultivar (*Phoenix dactylifera* L.) Journal of Environmental Biology. Vol. 37(1):141-147. (ISI)

٣٥٣. Khalid M. Elhindi, Yaser Hassan Dewir, Abdul-Wasea Asrar, Eslam Abdel-Salam, Ahmed Sharaf El-Din, Mohamed Ali. Improvement of seed germination in three medicinal plant species by plant growth regulators. 2016. HortScience: a publication of the American Society for Horticultural Science 07/2016; 51(7):887-891. (ISI).
٣٥٤. Soliman, S.S.; Al-Saif, A.M. ; Al-Obeed, R.S. (2016) Evaluation of pollen germination of some palm males and pollination impact on bunch weight and fruit quality in Kadary date palm cultivar (*Phoenix dactylifera* L.) Journal of Environmental Biology. Vol. 37(1):141-147. (ISI)
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٣٦٦. Audience in the 14th International Conference of Agronomy Sciences, 11th– 13th October 2016. Department of Agronomy, University of Suez Canal, Egypt.
٣٦٧. Audience in the 10th International Conference of Plant Breeding "Plant breeding role in facing of environmental obstacles and climatic changes in Agriculture", Faculty of Agriculture, Menoufia University, Egypt, 5-6th September 2016.
٣٦٨. Al-Ashkar, I. M., Zaazaal, E. I., ELSabagh, A. and Barutçular C. (2016) Physio-biochemical and molecular characterization for drought tolerance in rice genotypes at early seedling stage. Journal of

Experimental Biology and Agricultural Sciences (ISI) (IF= 0.675).
DOI: 10.18006/2016.4(Issue6).675.687

٣٦٩. Barakat, M.N., N.A. Al-Suhaibani, S. El-Hendawy, A.A. Al-Doss, A.A. Elshafei, I.M. Al-Ashkar, E. Ahmed and K. Al-Gaadi (2016) The genetic basis of spectral reflectance indices in drought-stressed wheat. *Acta Physiologiae Plantarum.* (ISI) (IF= 1.364). DOI 10.1007/s11738-016-2249-9.

٣٧٠. 2016

٣٧١. Abd_Allah E.F., Alqarawi A.A., Al-Rashed Sarah A., Hashem Abeer, Al-Huqail Asma A. and Aldosari Norah S. (2016). Modulation of adverse impact of chilling in *Vicia faba* L. by methyl jasmonate involves changes in antioxidant metabolism and metabolites. *Pak. J. Bot.*, 48(5): 1915-1923.

٣٧٢. Abd_Allah E.F., Hashem Abeer and Alqarawi A.A. (2016). Mitigation of cadmium induced stress in tomato (*Solanum lycopersicum* L.) by selenium. *Pak. J. Bot.*, 48(3): 953-961.

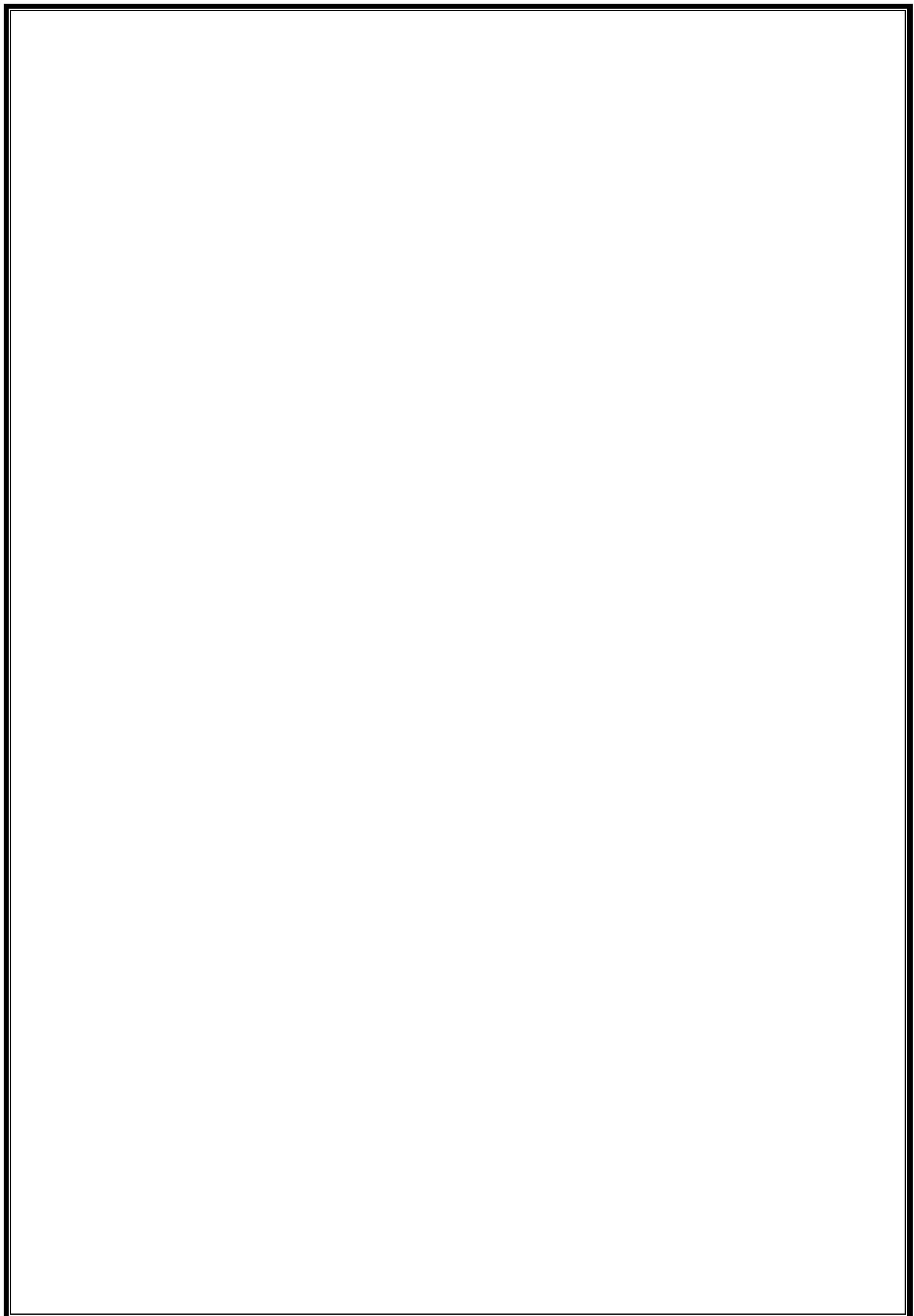
٣٧٣. Abd_Allah E.F., Hashem Abeer, Alqarawi A.A., Soliman Dina A.W. and Alghamdi Mai A. (2016). Selenium ameliorates cadmium stress-induced damage by improving antioxidant defense system in *Chlamydomonas reinhardtii*. *Pak. J. Bot.*, 48(6): ٢٢٣١-٢٢٣٣.

٣٧٤. Ahmad Z., Khan S.M., Abd_Allah E.F., Alqarawi A.A. and Hashem Abeer. (2016). Weed species composition and distribution pattern in the maize crop under the influence of edaphic factors and farming practices: A case study from Mardan, Pakistan. *Saudi Journal of Biological Sciences.* 23(6): 741-748.

٣٧٥. Alqarawi, A.A., Hashem Abeer, Abd_Allah E.F., Al-Huqail Asma A., Alshahrani T.S., Alshalawi S.R. and Egamberdieva Dilfuzia (2016). Protective role of gamma amminobutyric acid on *Cassia italica* Mill under salt stress. *Legume Research*, 39(3): 396-404.

٣٧٦. Hashem A., Abd_Allah E.F., Alqarawi A.A., Al-Huqail A. A., Egamberdieva D. and Wirth S. (2016). Alleviation of cadmium stress in *Solanum lycopersicum* L. by arbuscular mycorrhizal fungi via induction of acquired systemic tolerance. *Saudi Journal of Biological Sciences*, 23(2): 272-281.

٣٧٧. Hashem A., Abd_Allah E.F., Alqarawi A.A., Al-Huqail A. A., Stephan W. and Egamberdieva Dilfuza (2016). The interaction between arbuscular mycorrhizal fungi and endophytic bacteria enhances plant growth of *Acacia gerrardii* under salt stress. *Frontiers in Microbiology*, 7,1089.
٣٧٨. Hashem Abeer, Abd_Allah E.F., Alqarawi A.A., Al-Huqail Asma A. and Shah M.A. (2016). Induction of osmoregulation and modulation of salt stress in *Acacia gerrardii* Benth. by arbuscular mycorrhizal fungi and *Bacillus subtilis* (BERA 71). *BioMed Research International*. 2016 (6294098): 11.
٣٧٩. Hashem Abeer, Abd_Allah E.F., Alqarawi A.A. and Egamberdieva Dilfuza (2016). Bioremediation of adverse impact of cadmium toxicity on *Cassia italica* Mill by arbuscular mycorrhizal fungi. *Saudi Journal of Biological Sciences*, 23: 39-47.
٣٨٠. Hashem Abeer, Abd_Allah E.F., Alqarawi A.A., Wirth S. and Egamberdieva Dilfuza (2016). Arbuscular mycorrhizal fungi alleviate salt stress in lupine (*Lupinus termis* Forsik) through modulation of antioxidant defense systems and physiological traits. *Legume Research*, 39(2): 198-207.
٣٨١. Hashem Abeer, Alterami Salwa A., Alqarawi A.A., Abd_Allah E.F. and Egamberdieva Dilfuza (2016). Arbuscular mycorrhizal fungi enhance basil tolerance to salt stress through improved physiological and nutritional status. *Pak. J. Bot.*, 48(1): 37-46.
٣٨٢. Khan W., Khan S.M., Ahmad H., Alqarawi A.A., Shah G.M., Hussain M. and Abd_Allah E.F. (2018). Life forms, leaf size spectra, regeneration capacity and diversity of plant species grown in the Thandiani forests, district Abbottabad, Khyber Pakhtunkhwa, Pakistan. *Saudi Journal of Biological Sciences*. 25(1): 94-100.
٣٨٣. Arafat Abdel Hamed Abdel Latef, Abeer Hashem, Saiema Rasool, Elsayed Fathi Abd_Allah, A. A. Alqarawi, Dilfuza Egamberdieva, Sumira Jan, Naser A. Anjum and Parvaiz Ahmad.(2016). Arbuscular mycorrhizal symbiosis and abiotic stress in plants: A review. *Journal of Plant Biology*. 59: 407–426.



٣٨٥. Elhindi K.M., Sharaf El-Din A.F., Abdallah M.E. (2017). The impact of arbuscular mycorrhizal fungi in mitigating salt-induced adverse effects in sweet basil (*Ocimum basilicum* L.). Saudi Journal of Biological Science.24:170-179.
٣٨٦. Elhindi K.M., Nasser Al-Suhaimi, Salah El-Hendawy, Fahad Al-Mana. Effects of arbuscular mycorrhizal fungi on the growth of two turfgrasses grown under greenhouse conditions. (2017). Soil Science and Plant Nutrition. ISSN: 0038-0768 (Print) 1747-0765. Journal homepage: <http://www.tandfonline.com/loi/tssp20>.
٣٨٧. Preharvest Etephon Spray on Fruit Quality and Increasing the Rate of Ripening of Date Palm Fruit (*Phoenix Dactylifera* L.) Cv. Helali. Progress in Nutrition, 2017, 19(1):97-103). (ISI).
٣٨٨. Impact of Pollination by Pollen-Grain-Water Suspension Spray on Yield and Fruit Quality of Segae Date Palm Cultivar (*Phoenix Dactylifera* L.) Pak. J. Bot., 49(1): 119-123, 2017. (ISI)
٣٨٩. Ahmed A. I. and H. A. Al-Mefarrij (2018) Response of endangered *Diospyros mespiliformis* seed germination and seedlings growth to substrates. International Journal of Plant, Animal and Environmental Sciences, 8 (1): 1-8.
٣٩٠. Y.I. El-Nashar1 and A. A. Asrar. (2017). Phenotypic and biochemical profile changes in calendula (*Calendula officinalis* L.) plants treated with two chemical mutagenesis. Genetics and Molecular Research. V. 15 (2): gmr.15028071 (ISI, impact factor: 0.764). DOI <http://dx.doi.org/10.4238/gmr.15028071>.
٣٩١. Soliman, S.S., Alebidi, A.I., Al-Saif, A.M., Al-Obeed, R.S. and Al-Bahelly, A.N (2017) Impact of pollination by pollen-grain-water suspension spray on yield and fruit quality of segae date palm cultivar (*Phoenix dactylifera* L.) Pakistan Botanical Society. 49 (1): 11-123. (ISI).
٣٩٢. Al-Saif A. M., A. I. Alebidi, R. S. Al-Obeed and S. S. Soliman (2017). Preharvest Etephon spray on fruit quality and increasing the rate of ripening of date palm fruit (*Phoenix dactylifera* L.) cv. Helali . Progress in Nutrition: Vol. 19 (1): 97-103. (ISI)

٣٩٣. Seleiman M.F. & Kheir A.S. 2018. Saline soil properties, quality and productivity of wheat grown with bagasse ash and thiourea in different climatic zones. Chemosphere 193: 538-546. <https://doi.org/10.1016/j.chemosphere.2017.11.053>. IF= 5.77, Q1
٣٩٤. Hafez E.H. & Seleiman M.F. 2017. Response of barley quality traits, yield and antioxidant enzymes to water-stress and chemical inducers. International Journal of Plant Production 11(4): 477-490. DOI: 10.22069/ijpp.2017.3712. IF= 1.169, Q3
٣٩٥. El-Shamy M.E., Seleiman M.F., EL-Gaafary T.G. & Rady H.Y.A. 2017. Effect of different sowing methods on growth, yield and its components of wheat under intercropping patterns with Egyptian clover var. Fahl. Assiut Journal of Agriculture Science, 48 (3): 67-80. http://www.aun.edu.eg/journal_files/573_J_3541.pdf
٣٩٦. Abdel-Salam A., Salem HM., Abdel-Salam MA. & Seleiman MF. 2017. Soil xenobiotics and their phytochemical remediation. In Xenobiotics in Soils (ISBN: 978-3-319-47743-5, ISSN: ISSN 2196-4831). Eds. M.Z. Hashmi & A. Varma. Series Soil Biology, Springer Publisher, Volume 49, Chapter 18: Pp 267-280. DOI 10.1007/978-3-319-47744-2
٣٩٧. Seleiman M.F., Selim S., Jaakkola S. & Mäkelä P. 2017. Chemical composition and in vitro digestibility of whole-crop maize fertilized with synthetic fertilizer or digestate and harvested at two maturity stages in boreal growing conditions. Agricultural and Food Science, Finland, 26: 47-55. DOI
٣٩٨. Hafez E., Seleiman M. 2017. Response of barley quality traits, yield and antioxidant enzymes to waterstress and chemical inducers. 19th International Conference on Agriculture, Agronomy and Crop Sciences (ICAACS 2017), Zurich, Switzerland, 15-16 Sep., 2017. Available at: <https://www.waset.org/abstracts/74163>
٣٩٩. Y.I. El-Nashar1 and A. A. Asrar. (2017). Phenotypic and biochemical profile changes in calendula (*Calendula officinalis L.*) plants treated with two chemical mutagenesis. Genetics and Molecular Research. V. 15 (2): gmr.15028071 (ISI, impact factor: 0.764). DOI <http://dx.doi.org/10.4238/gmr.15028071>.

٤٠٣. Soliman, S.S., Alebidi, A.I., Al-Saif, A.M., Al-Obeed, R.S. and Al-Bahelly, A.N (2017) Impact of pollination by pollen-grain-water suspension spray on yield and fruit quality of segae date palm cultivar (*Phoenix dactylifera* L.) Pakistan Botanical Society. 49 (1): 11-123. (ISI).
٤٠٤. Al-Saif A. M., A. I. Alebidi, R. S. Al-Obeed and S. S. Soliman (2017). Preharvest Ethepron spray on fruit quality and increasing the rate of ripening of date palm fruit (*Phoenix dactylifera* L.) cv. Helali . Progress in Nutrition: Vol. 19 (1): 97-103. (ISI)
٤٠٥. Preharvest Ethepron Spray on Fruit Quality and Increasing the Rate of Ripening of Date Palm Fruit (*Phoenix Dactylifera* L.) Cv. Helali. Progress in Nutrition, 2017, 19(1):97-103). (ISI).
٤٠٦. Impact of Pollination by Pollen-Grain-Water Suspension Spray on Yield and Fruit Quality of Segae Date Palm Cultivar (*Phoenix Dactylifera* L.) Pak. J. Bot., 49(1): 119-123, 2017. (ISI)
٤٠٧. Elhindi K.M., Sharaf El-Din A.F., Abdallah M.E. (2017). The impact of arbuscular mycorrhizal fungi in mitigating salt-induced adverse effects in sweet basil (*Ocimum basilicum* L.). Saudi Journal of Biological Science.24:170-179.
٤٠٨. Elhindi K.M., Nasser Al-Suhaimi, Salah El-Hendawy, Fahad Al-Mana. Effects of arbuscular mycorrhizal fungi on the growth of two turfgrasses grown under greenhouse conditions. (2017). Soil Science and Plant Nutrition. ISSN: 0038-0768 (Print) 1747-0765. Journal homepage: <http://www.tandfonline.com/loi/tssp20>.
٤٠٩. Elhindi, K. M.; Al-Suhaimi, N.; El-Hendawy, S.; Al-Mana., F. 2017. Effects of arbuscular mycorrhizal fungi on the growth of two turfgrasses grown under greenhouse conditions. Soil Science and Plant Nutrition. ISSN:
٤١٠. 0038-0768 (Print) 1747-0765 (Online) Journal homepage: <http://www.tandfonline.com/loi/tssp20>

٤٩. Elhindi, K. M.; Al-Suhaimi, N.; El-Hendawy, S.; Al-Mana., F. 2017. Effects of arbuscular mycorrhizal fungi on the growth of two turfgrasses grown under greenhouse conditions. *Soil Science and Plant Nutrition.* ISSN:
٥٠. 0038-0768 (Print) 1747-0765 (Online) Journal homepage: <http://www.tandfonline.com/loi/tssp20>
٥١. Seleiman M.F., Selim S., Jaakkola S. & Mäkelä P. 2017. Chemical composition and in vitro digestibility of whole-crop maize fertilized with synthetic fertilizer or digestate and harvested at two maturity stages in boreal growing conditions. *Agricultural and Food Science, Finland,* 26: 47-55. DOI: <https://doi.org/10.23986/afsci.60068>. IF= 1.60, Q2
٥٢. Hafez E., Seleiman M. 2017. Response of barley quality traits, yield and antioxidant enzymes to waterstress and chemical inducers. 19th International Conference on Agriculture, Agronomy and Crop Sciences (ICAACS 2017), Zurich, Switzerland, 15-16 Sep., 2017. Available at: <https://www.waset.org/abstracts/74163>
٥٣. Abdel-Salam A., Salem HM.,Abdel-Salam MA. & Seleiman MF. 2017. Soil xenobiotics and their phytochemical remediation. In *Xenobiotics in Soils* (ISBN: 978-3-319-47743-5, ISSN: ISSN 2196-4831). Eds. M.Z. Hashmi & A. Varma. Series *Soil Biology*, Springer Publisher, Volume 49, Chapter 18: Pp 267-280. DOI 10.1007/978-3-319-47744-2
٥٤. El-Shamy M.E., Seleiman M.F., EL-Gaafary T.G. & Rady H.Y.A. 2017. Effect of different sowing methods on growth, yield and its components of wheat under intercropping patterns with Egyptian clover var. Fahl. *Assiut Journal of Agriculture Science*, 48 (3): 67-80. http://www.aun.edu.eg/journal_files/573_J_3541.pdf
٥٥. Seleiman M.F. & Kheir A.S. 2018. Saline soil properties, quality and productivity of wheat grown with bagasse ash and thiourea in different climatic zones. *Chemosphere* 193: 538-546. <https://doi.org/10.1016/j.chemosphere.2017.11.053>. IF= 5.77, Q1

٤١٧. Hafez E.H. & Seleiman M.F. 2017. Response of barley quality traits, yield and antioxidant enzymes to water-stress and chemical inducers. International Journal of Plant Production 11(4): 477-490. DOI: 10.22069/ijpp.2017.3712. IF= 1.169, Q3
٤١٨. 2017
٤١٩. Khan M., Khan S.M., Ilyas M., Alqarawi A.A., Ahmad Z. and Abd_Allah E.F. (2017). Plant Species and communities assessment in interaction with edaphic and topographic factors; a case study of the Mount Eelum District Swat, Pakistan. Saudi Journal of Biological Sciences. 24, (4): 778-786.
٤٢٠. Abd_Allah, E. F., Hashem Abeer, Alqarawi A. A., Wirth S. and Egamberdieva Dilfuza (2017). Calcium application enhances growth and alleviates the damaging effects induced by Cd stress in sesame (*Sesamum indicum* L.). Journal of Plant Interactions, 12(1): 237–243.
٤٢١. Alwhibi M. S., Hashem Abeer, Abd_Allah, E. F., Alqarawi A. A., Soliman Dina W. K., Wirth S. and Egamberdieva Dilfuza (2017). Increased resistance of drought by *Trichoderma harzianum* fungal treatment correlates with increased secondary metabolites and proline content. Journal of Integrative Agriculture, 16(8): 1751-1757.
٤٢٢. Aziz M.A., Adnan M., Rahman H., Abd_Allah E.F., Hashem A. and Alqarawi A.A. (2017). Antibacterial activities of medicinal plants against multidrug resistant urinary track pathogens. Pak. J. Bot., 49(3): 1185-1192.
٤٢٣. Aziz, M.A., Adnan, M., Hussain, S.K., Hashem, Abeer, Alqarawi, A.A. and Abd Allah, E.F. (2017). Comparative regeneration status of *Pinus gerardiana* in two forest-use types of Sulaiman mountain range near Pak-Afghan border region: Historical, current and future perspectives. Pakistan Journal of Botany, 49 (1): 227-236.
٤٢٤. Hashem A., Abd_Allah E.F., Alqarawi A.A., Radhakrishnan R. and Kumar A. (2017). Plant defense approach of *Bacillus subtilis* (BERA 71) against *Macrophomina phaseolina* (Tassi) Goid in mung bean Journal of Plant Interactions, 12(1): 390-401.
٤٢٥. Noor R., Khan S.M., Ahmad F., Hussain M., Abd_Allah E.F., Alqarawi A.A., Hashem A. and Aldubise A. (2017). The morpho-agronomic characterization study of *Lens culinaris* germplasm under

- salt marsh habitat in Swat, Pakistan. Saudi Journal of Biological Sciences, 24, Issue (7):1639-1645.
٤٢٦. Jemo, Martin., Saad Sulieman, Faouzi Bekkaoui, Oluwatosin A. K. Olomide4, Abeer Hashem, Elsayed Fathi Abd_Allah, Abdulaziz A. Alqarawi and Lam-Son Phan Tran. (2017). Comparative Analysis of the Combined Effects of Different Water and Phosphate Levels on Growth and Biological Nitrogen Fixation of Nine Cowpea Varieties. Frontiers in Plant Science. doi: 10.3389/fpls.2017.02111.
٤٢٧. Peerzada Yasir Yousuf, Elsayed Fathi Abd-Allah, Mohd Nauman, Ambreen Asif, Abeer Hashem, Abdulaziz A. Alqarawi, and Altaf Ahmad. (2017). Responsive proteins in wheat cultivars with contrasting nitrogen efficiencies under the combined stress of high temperature and low nitrogen. Genes 8(12), 356; <https://doi.org/10.3390/genes8120356>.
٤٢٨. Dilfuza Egamberdieva, Stephan J. Wirth, Abdulaziz A. Alqarawi, Elsayed F. Abd_Allah, and Abeer Hashem. (2017). Phytohormones and Beneficial Microbes: Essential Components for Plants to Balance Stress and Fitness. FRONTIERS IN MICROBIOLOGY. Volume: 8 Article Number: 2104 .
٤٢٩. Elsayed Fathi Abd_Allah, A. A. Alqarawi, Abeer Hashem, Stephan Wirth and Dilfuza Egamberdieva. (2017). Regulatory roles of 24-epibrassinolide in tolerance of *Acacia gerrardii* Benth to salt stress. Journal Bioengineered. Volume 9, (1): 61-71.

٤٣٠. Elhindi K.M., Fahad A. Al-Mana, Salah El-Hendawy, Wadei A. Al-Selwey, Abdallah M. Elgorban. (2018). Arbuscular mycorrhizal fungi mitigates heavy metal toxicity adverse effects in sewage water contaminated soil on *Tagetes erecta* L. *Soil Science and Plant Nutrition.*
<https://doi.org/10.1080/00380768.2018.1490631>.
٤٣١. Hosam O. Elansary, Samir A. M. Abdelgaleil, Eman A. Mahmoud, Kowiyou Yessoufou, Elhindi K.M., Salah El-Hendawy. (2018). Effective antioxidant, antimicrobial and anticancer activities of essential oils of horticultural aromatic crops in northern Egypt. *Complementary and Alternative Medicine.* 18:214.
٤٣٢. Elhindi, K. M.; Al-Mana, F. A.; El-Hendawy, S; Al-Selwey, W. A.; Elgorban, A. M. (2018). Arbuscular mycorrhizal fungi mitigates heavy metal toxicity adverse effects in sewage water contaminated soil on *Tagetes erecta* L. *Soil Science and Plant Nutrition.*
<https://doi.org/10.1080/00380768.2018.1490631>.
٤٣٣. Salem MZM, Mansour MMA, Elansary HO. 2019. Evaluation of the effect of inner and outer bark extracts of sugar maple (*Acer saccharum* var. *saccharum*) in combination with citric acid against the growth of three common molds. *Journal of Wood Chemistry and Technology (Epub)* DOI: 10.1080/02773813.2018.1547763.
٤٣٤. Elansary HO, Abdelgaleil SAM, Mahmoud EA, Yessoufou K, Elhindi K, El-Hendawy S. 2018. Effective antioxidant, antimicrobial and anticancer activities of essential oils of horticultural aromatic crops in Northern Egypt. *BMC Complementary and Alternative Medicine* 2018; 18: 214. DOI: 10.1186/s12906-018-2262-1.
٤٣٥. Elansary HO, Szopa A, Kubica P, Ekiert H, Ali HM, Elshikh MS, Abdel-Salam EM, El-Esawi M, El-Ansary DO. 2018. Bioactivities of traditional medicinal plants in Alexandria. *Evidence-Based Complementary and Alternative Medicine* 1463579, 13 pages.
٤٣٦. <https://doi.org/10.1155/2018/1463579>
٤٣٧. Salem MZM, Elansary HO, Ali HM, El-Settawy AA, Elshikh MS, Abdel-Salam EM, Skalicka-Wozniak. 2018. Bioactivity of essential oils extracted from *Cupressus macrocarpa* branchlets and

Corymbia citriodora leaves grown in Egypt. BMC Complementary and Alternative Medicine 18:23. DOI 10.1186/s12906-018-2085-0.

٤٣٨. Al-Ghamdi AA, Elansary HO. 2018. Synergetic effects of 5-aminolevulinic acid and *Ascophyllum nodosum* seaweed extracts on Asparagus phenolics and stress related genes under saline irrigation. Plant Physiology and Biochemistry 129:273-284. DOI: 10.1016/j.plaphy.2018.06.008.

٤٣٩. Ashfaq M, Sabir JSM, Elansary HO, Perez K, Levesque-Beaudin V, Khan AM, Rassol A, Gallant C, Addesi J, Hebert PDN. 2018. Insect diversity in the Saharo-Arabian region: Revealing a little-studied fauna by DNA barcoding. PLoS ONE 13(7): e0199965. DOI: 10.1371/journal.pone.0199965.

٤٤٠. Salem MZM, El-Hefny M, Ali HM, Elansary HO, Nasser RA, El-Settawy AAA, El shanhorey N, Ashmawy NA, Salem AZM. 2018. Antibacterial activity of extracted bioactive molecules of *Schinus terebinthifolius* ripened fruits against some pathogenic bacteria. Microbial Pathogenesis 120:119-127.

٤٤١. Seleiman M.F. & Kheir A.S. 2018. Maize productivity, heavy metals uptake and their availability in contaminated clay and sandy alkaline soils as affected by inorganic and organic amendments. Chemosphere 204; 514-522.

<https://doi.org/10.1016/j.chemosphere.2018.04.073>. IF= 5.77, Q1

٤٤٢. 29. Salem HS, Abdel-Salam A, Abdel-Salam MA, Seleiman MF. 2018. Phytoremediation of metal and metalloids from contaminated soil. In

٤٤٣. Seleiman M.F. & Abdel-Aal M.S. 2018. Effect of organic, inorganic and bio-fertilization on growth, yield and quality traits of some chickpea (*Cicer arietinum* L.) varieties. Egyptian Journal of Agronomy 40(1): 105-117. DOI:10.21608/AGRO.2018.2869.1093. Indexed in ISI

٤٤٤. Seleiman M, Abdel-Aal M. 2018. Response of growth, productivity and quality of some Egyptian wheat cultivars to

different irrigation regimes. Egyptian Journal of Agronomy 40 (3): 313-330. DOI: 10.21608/AGRO.2018.6352.1136. Indexed in ISI

٤٥. Audience in the 15th International Conference of Agronomy Sciences, 1st– 2nd October 2018. Department of Agronomy, University of Ain Shams, Egypt.

٤٦. Al-Obeed R.S., M. A. Ahmed, H. A. Kassem & A.M. Alsaif (2018) Improvement of “Kinnow” mandarin fruit productivity and quality by urea, boron and zinc foliar spray. Journal of Plant Nutrition. Vol. 41(5): 609–618. (ISI)

٤٧. ٤٠- Soliman S. S., A. I. Alebidi, R. S. Al-Obeed and A. M. Al-Saif. (2018) Effect of Potassium Fertilizer on Fruit Quality and Mineral Composition of Fig (*Ficus carica L.* Cv. Brown Turkey) Pak. J. Bot., 50(5): 1753-1758. (ISI)

٤٨. Effect of Potassium Fertilizer on Fruit Quality and Mineral Composition of Fig (*Ficus carica L.* Cv. Brown Turkey) Pak. J. Bot., 50(5): 1753-1758, 2018. (ISI).

٤٩. 2018

٥٠. Khan W., Khan S.M., Ahmad H., Alqarawi A.A., Shah G.M., Hussain M. and Abd_Allah E.F. (2018). Life forms, leaf size spectra, regeneration capacity and diversity of plant species grown in the Thandiani forests, district Abbottabad, Khyber Pakhtunkhwa, Pakistan. Saudi Journal of Biological Sciences. 25,(1): 94-100.

٥١. Bano S., Khan S.M., Alam J., Alqarawi A.A., Abd_Allah E.F., Ahmad Z., Ur Rahman I., Ahmad H., Aldubise A. and Hashem Abeer (2018). Eco-floristic studies of the Beer Hills along the Indus River in the districts Haripur and Abbottabad, Pakistan. Saudi Journal of Biological Sciences, 25, (4) : 801-810.

٥٢. Khan K. U., Shah M., Ahmad H., Khan S. M., Ur Rahman I., Iqbal Z., Khan R., Abd_Allah, E. F., Alqarawi A. A., Hashem Abeer and Aldubise A. (2018). Exploration and local Utilization of Medicinal Vegetation Naturally Grown in the Deusai plateau of Gilgit, Pakistan. Saudi Journal of Biological Sciences. 25, (2): 326-331.

٤٥٣. Aziz, Muhammad , Muhammad Adnan, Amir Hasan Khan , Kamel A. Abdella, Abdulaziz Alqarawi, Elsayed Fathi Abd_Allah , Mashail Nasser Omar Alzain , Tahir Mahmood. (2018). Innovative approach for the management of medicinal plants: A case study of plant pine nuts (*Pinus gerardiana* Wall.). Pak. J. Bot., 50(4): 1637-1644.

٤٥٤. Mostafa Abdelrahman, Magdi A. El-Sayed, Abeer Hashem, Elsayed Fathi Abd_Allah, Abdulaziz A. Alqarawi, David J. Burritt and Lam-Son Phan Tran (2018). Metabolomics and Transcriptomics in Legumes Under Phosphate Deficiency in Relation to Nitrogen Fixation by Root Nodules. Frontiers in Plant Science. Volume 9 | Article 922. MINI REVIEW

٤٥٥. Fazilath Uzma, Chakrabhavi D. Mohan, Abeer Hashem, Narasimha M. Konappa, Shobith Rangappa, Praveen V. Kamath, Bhim P. Singh, Venkataramana Mudili, Vijai K. Gupta, Chandra N. Siddaiah, Srinivas Chowdappa, Abdulaziz A. Alqarawi and Elsayed F. Abd_Allah. (2018). Endophytic Fungi-Alternative Sources of Cytotoxic Compounds: A Review. Frontiers in Pharmacology. Volume: 9. Article Number: 309.

٤٥٦. Alqarawi, Abdulaziz A., Abeer Hashem, Ashwani Kumar, Al-Bandari Fahad Al-Arjani, Elsayed Fathi Abd_Allah , Basharat A. Dar, Stephan Wirth, Kakhramon Davranov & Dilfuza Egamberdieva. (2018). Allelopathic effects of the aqueous extract of *Rhazya stricta* on growth and metabolism of *Salsola villosa*. Plant Biosystems - An International Journal Dealing with all Aspects of Plant Biology. VOL. 152, NO. 6, 1263–1273.

٤٥٧. Hashem, Abeer, Abdulaziz A.Alqarawi, Ramalingam Radhakrishnan, Al-Bandari Fahad Al-Arjani, Horiah Abdulaziz Aldehaish, Dilfuza Egamberdieva and Elsayed FathiAbd_Allah. (2018). Arbuscular mycorrhizal fungi regulate the oxidative system, hormones and ionic equilibrium to trigger salt stress tolerance in *Cucumis sativus* L. Saudi Journal of Biological Sciences. Volume 25, Issue 6 : 1102-1114.

٤٥٨. Bharathi , Vadivelu R. L. Rengarajan Ramalingam Radhakrishnan Abeer Hashem Elsayed Fathi Abd_Allah Abdulaziz A. Alqarawi and Arumugam Vijaya Anand. (2018). Effects of a medicinal plant Macrotyloma uniflorum (Lam.) Verdc.formulation (MUF) on obesity-associated oxidative stress-induced liver injury. Saudi Journal of Biological Sciences. 25, (6): 1115-1121.
٤٥٩. Hashem, Abeer, Abdulaziz Abdullah Alqarawi, Asma A. Al-Huqail, and Elsayed Fathi Abd_Allah.(2018). Biodiversity of Arbuscular mycorrhizal fungi associated with Acacia gerrardii Benth in different habitats of Saudi Arabia. PAKISTAN JOURNAL OF BOTANY. 50 (3): 1211-1217.
٤٦٠. Yugal Kishore Mohanta, Debasis Nayak, Kunal Biswas, Sameer Kumar Singdevsachan , Elsayed Fathi Abd_Allah, Abeer Hashem, Abdulaziz A. Alqarawi, Dhananjay Yadav and Tapan Kumar Mohanta. (2018) Silver Nanoparticles Synthesized Using Wild Mushroom Show Potential Antimicrobial Activities against Food Borne Pathogens. *Molecules*, 23(3), 655.
٤٦١. IQBAL Z., Zeb A., Elsayed Fathi Abd_Allah, RAHMAN I.U., KHAN S.M., Ali N., IJAZ F., ANWAR Y., MUZAMMIL S., Abdulaziz Abdullah Alqarawi, Abeer Hashem, AFZAL A., MAJID A., KHAN M. A. and CALIXTO E.S. (2018). Ecological assessment of plant communities along the edaphic and topographic gradients of Biha Valley, District Swat, Pakistan. APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH 16(5):5611-5631.
٤٦٢. MUHAMMAD, N.1., ALI, N.1., NISAR, M., ABD_ALLAH, E. F., HASHEM, A., ALQARAWI, A., ALDUBISE, A., KHAN, U., RAHMAN, I. U.1., AFZA, R.1., KHAN, A. and AHMAD, H.(2018). Genetic diversity within natural populations of the medicinal plant Rhynchosia minima (L.) DC. APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH 16(5):5633-5651.
٤٦٣. Ali, Shafaqat., Muhammad Rizwan, Abdul Waqas, Muhammad Bilal Hussain, Afzal Hussain, Shiliang Liu, Abdulaziz A. Alqarawi, Abeer Hashem and Elsayed Fathi Abd_Allah. (2018). Fulvic Acid

Prevents Chromium-induced Morphological, Photosynthetic, and Oxidative Alterations in Wheat Irrigated with Tannery Waste Water. Journal of Plant Growth Regulation. Volume , 37:1357–1367.

٤٧٤. Joanne Zote, Ajit Kumar Passar, Zothanpuia, Chandra Nayaka Siddaiah, Nachimuthu Senthil Kumar, Elsayed Fathi Abd_Allah, Abeer Hashem, Abdulaziz A. Alqarawi, Jahangir Ahmad Malik, and Bhim Pratap Singh. (2018). Phylogenetic affiliation and determination of bioactive compounds of bacterial population associated with organs of mud crab, *Scylla olivacea*. Saudi Journal of Biological Sciences. Volume 25, (8): 1743-1754.

٤٧٥. Waheed Anwar, Sajid Ali, Kiran Nawaz, Sehrish Iftikhar, Muhammad Asim Javed, Abeer Hashem, Abdulaziz A. Alqarawi, Elsayed F. Abd_Allah & Adnan Akhter. (2018). Entomopathogenic fungus *Clonostachys rosea* as a biocontrol agent against whitefly (*Bemisia tabaci*). Journal Biocontrol Science and Technology Volume 28, (8): 750-760.

٤٧٦. Elsayed Fathi Abd_Allah, Abdulaziz A. Alqarawi, Abeer Hashem, Ramalingam Radhakrishnan, Asma A. Al-Huqail, Fatma Olyan Naser Al-Otibi, Jahangir Ahmad Malik, Raedah Ibrahim Alharbi & Dilfuza Egamberdieva. (2018). Endophytic bacterium *Bacillus subtilis* (BERA 71) improves salt tolerance in chickpea plants by regulating the plant defense mechanisms. Journal of Plant Interactions, Volume 13 (1): 37-44.

٤٧٧. Kirubakaran Rangasamy Murugan Athiappan Natarajan Devarajan Javid A. Paray Nowsheen Shameem K. N. ArulJothi Abeer Hashem Abdulaziz A. Alqarawi, and E. Fathi Abd_Allah. (2018). Cloning and Expression of the Organophosphate Pesticide-Degrading Hydrolase Gene in Plasmid pMK-07 to Confer Cross-Resistance to Antibiotics. BIOMED RESEARCH INTERNATIONAL. Article Number: 1535209.

<https://doi.org/10.1155/2018/1535209>

٤٧٨. Jemo, Martin, Driss Dhiba, Abeer Hashem, Elsayed Fathi Abd_Allah, Abdulaziz A. Alqarawi and Lam-Son Phan Tran. (2018). Mycorrhizal fungal community structure in tropical humid soils

under fallow and cropping conditions. Scientific Reports. Volume. 8, Article number: 17061.

٤٦٩. Javid A. Parray Azra N. Kamili Sumira Jan Mohammad Yaseen Mir Nowsheen Shameem Bashir A. Ganai. Elsayed Fathi Abd_Allah Elsayed Fathi Abd_Allah Abeer Hashem and Abdulaziz Abdullah Alqarawi. (2018). Manipulation of Plant Growth Regulators on Phytochemical Constituents and DNA Protection Potential of the Medicinal Plant *Arnebia benthamii*. BIOMED RESEARCH INTERNATIONAL. Article Number: 6870139.

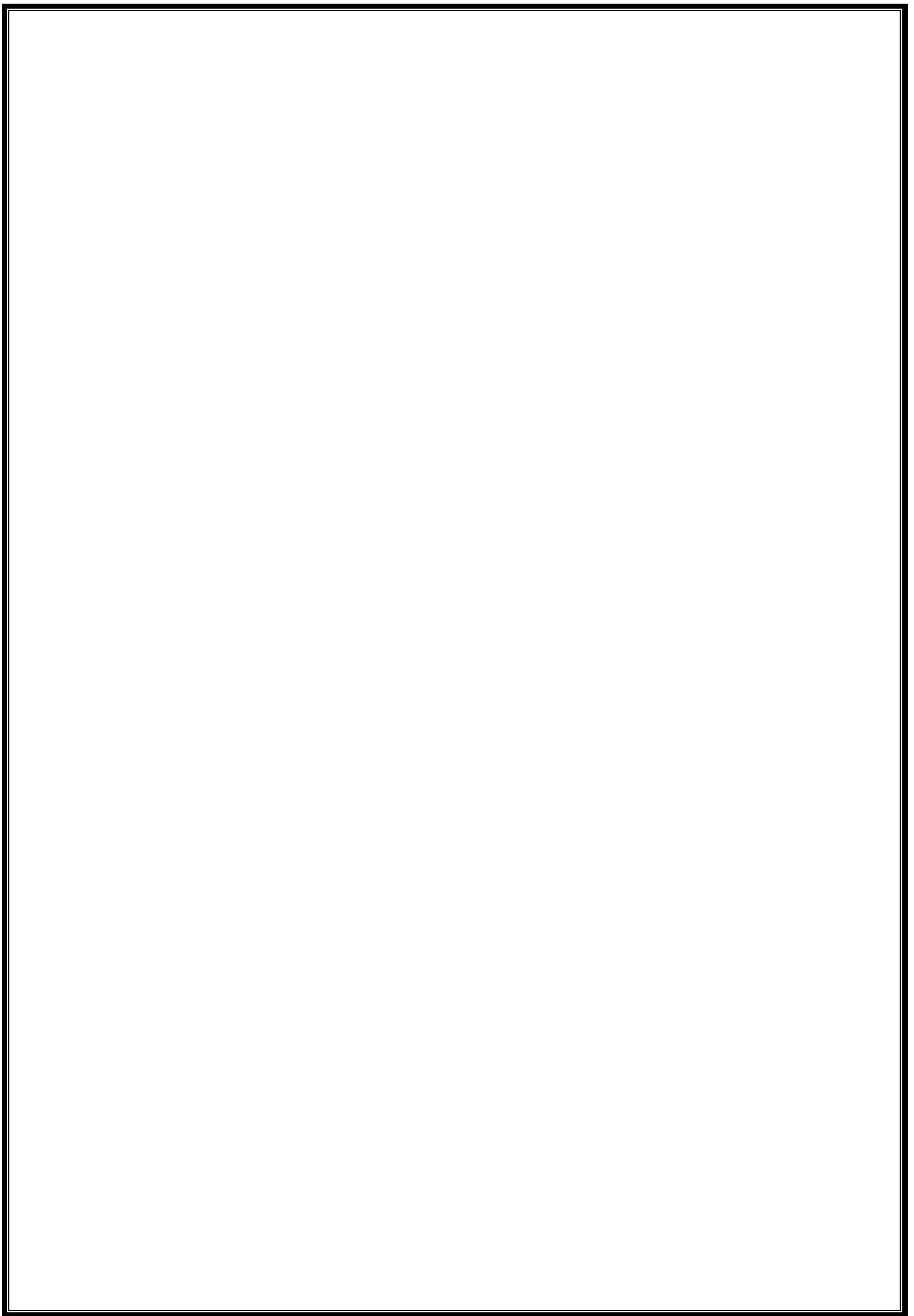
٤٧٠. Abdulaziz M.Assaeed, Sulieman A.Al-Faifi, Hussein M.Migdadi, Magdy I. El-Bana, Abdulaziz A. Alqarawi and Mohammad Altaf Khan . (2018). Evaluation of genetic diversity of *Panicum turgidum* Forssk from Saudi Arabia. Saudi Journal of Biological Sciences. 25, (1): 123-129.

٤٧١. Zothanpuia, Ajit Kumar Passari, Vincent Vineeth Leo, Preeti Chandra, Brijesh Kumar, Chandra Nayak, Abeer Hashem, Elsayed Fathi Abd_Allah, Abdulaziz A. Alqarawi and Bhim Pratap Singh. (2018). Bioprospection of actinobacteria derived from freshwater sediments for their potential to produce antimicrobial compounds. Microbial Cell Factories volume 17, Article number: 68.

٤٧٢. Al-Rowaily S.R., A.M. Assaeed, S.A. Al-Khateeb, A.A. Alqarawi, F.S. Al Arifi. (2018). Vegetation and condition of arid rangeland ecosystem in Central Saudi Arabia. Saudi Journal of Biological Sciences. 25: 1022–1026.

٤٧٣. Ramalingam Radhakrishnana, Abdulaziz A. Alqarawi and Elsayed Fathi Abd_Allah.(2018). Bioherbicides: Current knowledge on weed control mechanism. Review. Ecotoxicology and Environmental Safety, 185:131-138.

٤٧٤. Kirubakaran Rangasamy, Murugan Athiappana, Natarajan Devarajanb, Gopinath Samykannuc, Javid A. Parrayd, K.N. Aruljothie, Nowsheen Shameemf, Abdulaziz A. Alqarawi, Abeer Hashemh and Elsayed Fathi Abd_Allahi. (2018). Pesticide degrading natural multidrug resistance bacterial flora. Microbial Pathogenesis. 114: 304-310.



٤٧٥. Foliar Application of Y-Aminobutyric Acid (GABA) Improves Vegetative Growth, and the Physiological and Antioxidative Potential of *Daucus Carota L.* under Water Deficit Conditions. Preprints 2019. Bashir, R.; Riaz, H.N.; Shafiq, M.; Parveen, N.; Alenazi, M.M.; Anwar, S.; Alebidi, A.I. 2019030227 (doi: 10.20944/preprints201903. 0227.v2).
٤٧٦. Suansa, N, and H. A. Al-Mefarrej (2019) Ameliorative effect of shade on seedling growth. American J. of Plant Sci., (10): 12-25.
٤٧٧. Al-Mefarrej, H. and N. Suansa. (2019) Trait-based ecology conduits comparison approach. Wood research. 64 (6): 1055-1064
٤٧٨. Yasser El-Amier, Elhindi K.M., Salah El-Hendawy, Sarah Al-Rashed, Ahmed Abd-ElGawad. (2019). Antioxidant System and Biomolecules Alteration in *Pisum sativum* under Heavy Metal Stress and Possible Alleviation by 5-Aminolevulinic Acid. Molecules. 24, 4194
٤٧٩. Mahmoud F. Seleiman, Yahya Refay, Nasser Al-Suhaibani, Ibrahim Al-Ashkar, Salah El-Hendawy and Emad M. Hafez (2019) Integrative effects of rice-straw biochar and silicon on oil and seed quality, yield and physiological traits of *Helianthus*
٤٨٠. Elansary, H.O.; Szopa, A.; Kubica, P.; Al-Mana, F.A.; Mahmoud, E.A.; Zin Elabedin,T.K.A.; Mattar, M.A.; Ekiert, H. 2019. Molecules. Phenolic
٤٨١. Elansary, H.O.; Abdel-Hamid, A.M.E.; Mahmoud, E.A.; Al-Mana, F.A; El-Ansary, D.O.; Zin Elabedin, T.K.A. 2019. Heuchera Creme Brulee and Mahogany medicinal value under water stress and oligosaccharide (COS) treatment. Evidence-Based Complementary and Alternative Medicine, 4242359, 13 pages.
٤٨٢. Muhammad Hamzah Saleem, Shafaqat Ali, Mahmoud F. Seleiman, Muhammad Rizwan, Muzammal Rehman, Nudrat Aisha Akram, Lijun Liu, Majed Alotaibi, Ibrahim Al-Ashkar and Muhammad Mubushar (2019) Assessing the correlations between different traits in copper-sensitive and copper-resistant varieties of jute (*Corchorus capsularis L.*). Plants (ISI) (IF= 2.76) 8(12): 545

٤٨٣. annuus L. grown under water deficit stress. Agronomy (ISI) (IF= 2.26) 9(10): 637
٤٨٤. Al-Ashkar I, Alderfasi A, El-Hendawy S, Al-Suhaibani N, El-Kafafi S, Seleiman MF (2019) Detecting salt tolerance in doubled haploid wheat lines. Agronomy (ISI) (IF= 2.26) 9 (4):211
٤٨٥. Salah E. El-Hendawya, Nasser A. Al-Suhaibania, Wael M. Hassanc,d, Yaser H. Dewira, Salah Elsayed, Ibrahim Al-Ashkara, Kamel A. Abdella, Urs Schmidhalterh (2019) Evaluation of wavelengths and spectral reflectance indices for hightthroughput assessment of growth, water relations and ion contents of wheat irrigated with saline water. Agricultural Water Management (ISI) (IF= 3.18). 212 (2019) 358–377
٤٨٦. Elansary HO, Szopa A, Kubica P, Ekiert H, Mattar MA, Al-Yafrasi MA, El-Ansary DO, El-Abedin TKZ, Yessoufou K. 2019. Polyphenol profile and pharmaceutical potential of *Quercus* spp. bark extracts. Plants-Basel 8, 486.
٤٨٧. 27. Elansary HO& Zin Elabedin TKA. 2019. Omeprazole alleviates water stress in peppermint and modulates the expression of menthol biosynthesis genes. Plant Physiology and Biochemistry 139, 578-586.
٤٨٨. 28. Elansary HO, Szopa A, Kubica P, Al-Mana FA, Mahmoud EA, Zin Elabedin TKA, Mattar MA, Ekiert H. 2019. Molecules. Phenolic compounds of *Catalpa speciosa*, *Taxus cuspidata*, and *Magnolia acuminata* have antioxidant and anticancer activity. Molecules 24(3), 412. DOI:10.3390/molecules24030412.
٤٨٩. Mattar MA, Alamoud AI, Al-Othman AA, Elansary HO, Farah AH. 2019. Hydraulic performance of labyrinth-channel emitters: experimental study, ANN, and GEP modeling. Irrigation Science <https://doi.org/10.1007/s00271-019-00647-1>.
٤٩٠. Elansary HO, Abdel-Hamid AME, Mahmoud EA, Al-Mana FA, El-Ansary DO, Zin Elabedin TKA. 2019. *Heuchera Creme Brulee* and *Mahogany* medicinal value under water stress and

oligosaccharide (COS) treatment. Evidence-Based Complementary and Alternative Medicine 4242359, 13 pages.

٤٩١. Seleimana M.F., Santanen A., Mäkelä P.S.A. 2020. Recycling sludge on cropland as fertilizer – advantages and risks. Resources, Conservation & Recycling 155, 104647.

<https://doi.org/10.1016/j.resconrec.2019.104647>. IF = 8.08, Q1

٤٩٢. Shahid M.J., Ali S., Shabir G., Siddique M., Rizwan M., Seleiman M.F., Afzal M. 2020. Comparing the performance of four macrophytes in bacterial assisted floating treatment wetlands for the removal of trace metals (Fe, Mn, Ni, Pb, and Cr) from polluted river water. Chemosphere 243, 125353.

<https://doi.org/10.1016/j.chemosphere.2019.125353>. IF= 5.77, Q1

٤٩٣. Saleem M.H., Ali S., Seleiman M.F., Rizwan M., Rehman M., Akram N.A., Liu L., Alotaibi M., Al-Ashkar I., Mubushar M. 2019. Assessing the Correlations between Different Traits in Copper-Sensitive and Copper-Resistant Varieties of Jute (*Corchorus capsularis* L.). Plants 8(12), 545. Special Issue: Plant Responses and Tolerance to Metal/Metalloid Toxicity;

<https://doi.org/10.3390/plants8120545>. IF= 2.76, Q1

٤٩٤. Seleiman M.F.; Refay Y.; Al-Suhaibani N.; Al-Ashkar I.; El-Hendawy S.; Hafez E.M. 2019. Integrative effects of rice-straw biochar and silicon on oil and seed quality, yield and physiological traits of *Helianthus annuus* L. grown under water deficit stress. Agronomy 9(10), 637. doi: 10.3390/agronomy9100637. IF= 2.60, Q1

٤٩٥. Seleiman M.F.; Kheir A.M.S.; Al-Dhumri S.; Alghamdi A.G.; Omar E.-S.H.; Aboelsoud H.M.; Abdella K.A.; Abou El Hassan W.H. 2019. Exploring optimal tillage improved soil characteristics and productivity of wheat irrigated with different water qualities. Agronomy 9(5), 233. doi: 10.3390/agronomy9050233. IF= 2.60, Q1

٤٩٦. Al-Ashkar I.; Alderfasi A., El-Hendawy S.; Al-Suhaibani N.; El-Kafafi S.; Seleiman M.F. 2019. Detecting salt tolerance in doubled haploid wheat lines. Agronomy 9(4): 211. doi: 10.3390/agronomy9040211. IF=2.60, Q1

٤٩٧. 26. Seleiman M.F. 2019. Use of plant nutrients in improving abiotic stress tolerance in wheat. In: Wheat production in changing environments: Management, adaptation and tolerance. Eds. Hasanuzzaman M.; Nahar K.; Hossain A. Springer Nature Singapore; ISBN (eBook) 978-981-13-6883-7; DOI: 10.1007/978-981-13-6883-7; pp 481-495
٤٩٨. Dewir Y. H., A. A. Aldubai, R. S. Al-Obeed, S. El-Hendawy M. K. Seliem and K. R. Al-Harbi (2019). Micropropagation to Conserve the dangered Gabal Elba Dragon Tree (*Dracaena ombet* Heuglin ex Kotschy & Peyr). *HORTSCIENCE* Vol. 54(1):162–166. (ISI)
٤٩٩. 2019
٥٠٠. Hashem Abeer, Abd_Allah E.F., Alqarawi A.A., Wirth S. and Egamberdieva Dilfuzza. (2019). Comparing symbiotic performance and physiological responses of two soybean cultivars to arbuscular mycorrhizal fungi under salt stress. *Saudi Journal of Biological Sciences.* 26, Issue 1: 38-48.
٥٠١. Ambrin G., Ahmad M., Alqarawi AA., Hashem A., Abd_Allah E.F. and Ahmad A. (2019). Conversion of cytochrome P450 2D6 of human into a FRET-Based tool for Real-time monitoring of ajmalicine in living cells. *Frontiers in Bioengineering and Biotechnology*, 7: 375. DOI: 10.3389/fbioe.2019.00375.
٥٠٢. Gurunathan S., Ramadoss B.R., Mudili V., Siddaiah C., Kalagatur N.K., Bapu J.R.K., Mohan C.D., Alqarawi A.A., Hashem A. and Abd_Allah E.F. (2019). Single Nucleotide Polymorphisms in Starch Biosynthetic Genes Associated With Increased Resistant Starch Concentration in Rice Mutant. *Frontiers in Genetics*, Volume: 10. Article Number: 946.
٥٠٣. Srinivas, C., Devi, D.N., Murthy K.N., Mohan C.D., Lakshmeesha T.R., Singh B., Kalagatur N.K., Niranjana S.R., Hashem A., Alqarawi A.A., Tabassum B., Abd_Allah, E.F. and Nayak, C. (2019). *Fusarium oxysporum* f. sp. *lycopersici* causal agent of vascular wilt disease of tomato: Biology to diversity-A

review. Saudi Journal of Biological Sciences, 26 (7): 1315-1324. DOI: 10.1016/j.sjbs.2019.06.002.

◦◦◦. Al-Huqail, A.A., Alqarawi A.A., Hashem A., Malik, J.A. and Abd_Allah, E.F. (2019). Silicon supplementation modulates antioxidant system and osmolyte accumulation to balance salt stress in *Acacia gerrardii* Benth. Saudi Journal of Biological Sciences, 26 (7):1856-1864. DOI: 10.1016/j.sjbs.2017.11.049.

◦◦◦. Rahman, I.U., Hart R., Afzal A., Iqbal Z., Alqarawi A.A., Abd_Allah, E.F., Hashem A., Ijaz F., Ali N., and Calixto E.S. (2019). Ecophysiological plasticity and cold stress adaptation in Himalayan Alpine Herbs: *Bistorta affinis* and *Sibbaldia procumbens*. Plant-Basel, 8 (10): 378. DOI: 10.3390/plants8100378.

◦◦◦. Noreen, I., Khan S.M., Alsubeie M.S., Ahmad Z., Rahman N.Y.R., Iqbal M., Alqarawi A.A., Tabassum B., and Abd_Allah, E.F. (2019). Response of different plant species to pollution emitted from oil and gas plant with special reference to heavy metals accumulation. Pakistan Journal of Botany, 51(4): 1231-1240.

◦◦◦. Passari, A.K., Upadhyaya K., Singh G., Abdel-Azeem A.M., Thankappan S., Uthandi S., Hashem A., Abd_Allah E.F., Malik, J.A., Alqarawi A.A., Gupta V.K., Ranjan S. and Singh B.P. (2019). Enhancement of disease resistance, growth potential, and photosynthesis in tomato (*Solanum lycopersicum*) by inoculation with an endophytic actinobacterium, *Streptomyces thermocarboxydus* strain BPSAC147. PLOS One, 14(7): e0219014. DOI: 10.1371/journal.pone.0219014.

◦◦◦. Divya, N., Rengarajan R.L., Radhakrishnan R., Abd_Allah E.F., Alqarawi A.A., Hashem A., Manikandan R. and Anand A.V. (2019). Phytotherapeutic efficacy of the medicinal plant *Terminalia catappa* L.. Saudi Journal of Biological Sciences, 26: (5): 985-988. DOI: 10.1016/j.sjbs.2018.12.010.

◦◦◦. Lakshmeesha, T.R., Kalagatur N.K., Mudili V., Mohan C.D., Rangappa S., Prasad B.D., Ashwini B.S., Hashem A., Alqarawi A.A., Malik J.A., Abd_Allah E.F., Gupta V.K., Siddaiah C.N. and Niranjana S.R. (2019). Biofabrication of zinc oxide Nanoparticles

with *Syzygium aromaticum* flower buds extract and finding its novel application in controlling the growth and mycotoxins of *Fusarium graminearum*. *Frontiers in Microbiology*, 10:1244. DOI: 10.3389/fmicb.2019.01244.

◦ १०. Handa N., Kohli S.K., Sharma A., Thukral A.K., Bhardwaj R., Abd_Allah E.F., Alqarawi A.A. and Ahmad P. (2019). Selenium modulates dynamics of antioxidative defence expression, photosynthetic attributes and secondary metabolites to mitigate chromium toxicity in *Brassica juncea* L. plants. *Environmental and Experimental Botany*, 161: 180-192. DOI: 10.1016/j.envexpbot.2018.11.009.

◦ ११. Hashem A., Abd_Allah E.F., Alqarawi A.A., Malik J.A., Wirth S. and Egamberdieva D. (2019). Role of calcium in AMF-mediated alleviation of the adverse impacts of cadmium stress in *Bassia indica* [Wight] AJ Scott. *Saudi Journal of Biological Sciences*, 26 (4): 828-838. DOI: 10.1016/j.sjbs.2016.11.003.

◦ १२. Ali S., Rizwan M., Noureen S., Anwar S., Ali B., Naveed M., Abd_Allah E.F., Alqarawi, A.A. and Ahmad P. (2019). Combined use of biochar and zinc oxide nanoparticle foliar spray improved the plant growth and decreased the cadmium accumulation in rice (*Oryza sativa* L.) plant. *Environmental Science and Pollution Research*, 26 (11):11288-11299. DOI: 10.1007/s11356-019-04554-y.

◦ १३. Goel S., Singh K., Singh B., Grewal S., Dwivedi N., Alqarawi A.A., Abd_Allah E.F., Ahmad P. and Singh NK. (2019). Analysis of genetic control and QTL mapping of essential wheat grain quality traits in a recombinant inbred population. *PLOS One*, 14 (3): e0200669. DOI: 10.1371/journal.pone.0200669.

◦ १४. Kohli S.K., Bali S., Tejpal R., Bhalla V., Verma V., Bhardwaj R., Alqarawi A.A., Abd_Allah E.F. and Ahmad P. (2019). In-situ localization and biochemical analysis of bio-molecules reveals Pb-stress amelioration in *Brassica juncea* L. by co-application of 24-epibrassinolide and salicylic acid. *Scientific Reports-Nature*, 9: 3524. DOI: 10.1038/s41598-019-39712-2.

- ١٥. Lallawmsanga, Leo V.V., Passari A.K., Muniraj I.K., Uthandi S., Hashem A., Abd_Allah E.F., Alqarawi A.A. and Singh B.P. (2019). Elevated levels of laccase synthesis by Pleurotus pulmonarius BPSM10 and its potential as a dye decolorizing agent. Saudi Journal of Biological Sciences, 26 (3): 464-468. DOI: 10.1016/j.sjbs.2018.10.006.
- ١٦. Hashem A., Kumar A., Al-Dbass A.M., Alqarawi A.A., Al-Arjani A.F., Singh G., Farooq M. and Abd_Allah E.F. (2019). Arbuscular mycorrhizal fungi and biochar improves drought tolerance in chickpea. Saudi Journal of Biological Sciences, 26(3): 614-624. DOI: 10.1016/j.sjbs.2018.11.005.
- ١٧. Ram H., Jaipal N., Kumar P., Deka P., Kumar S., Kashyap P., Kumar S., Singh B.P., Alqarawi A.A., Hashem A., Tabassum B. and Abd Allah E.F. (2019). Dual Inhibition of DPP-4 and cholinesterase enzymes by the phytoconstituents of the ethanolic extract of Prosopis cineraria pods: Therapeutic implications for the treatment of diabetes-associated neurological impairments. Current Alzheimer Research, 16 (13): 1230-1244. DOI: 10.2174/1567205016666191203161509.
- ١٨. Hashem A., Abd_Allah E.F., Alqarawi A.A., Wirth S. and Egamberdieva D. (2019). Comparing symbiotic performance and physiological responses of two soybean cultivars to arbuscular mycorrhizal fungi under salt stress. Saudi Journal of Biological Sciences, 26 (1): 38-48. DOI: 10.1016/j.sjbs.2016.11.015.
- ١٩. Rahman I.U., Afzal A., Iqbal Z., Abd_Allah E.F., Alqarawi A.A., Calixto E.S., Ali N., Ijaz F., Kausar R., Alsubeie M.S., Iqbal M. and Shah M. (2019). Role of multivariate approaches in floristic diversity of Manoor Valley (Himalayan), Pakistan. Applied Ecology and Environmental Research, 17(2): 1475-1498. DOI: 10.15666/aeer/1702_14751498.
- ٢٠. Rahman I.U., Hart R., Afzal A., Iqbal Z., Ijaz F., Abd_Allah E.F., Ali N., Khan S.M., Alqarawi A.A., Alsubeie M.S. and Bussmann R.W. (2019). A new ethnobiological similarity index for the evaluation of novel use reports. Applied Ecology and

Environmental Research, 17(2): 2765-2777. DOI:
10.15666/aeer/1702_27652777.

◦۲۱. Hussain M., Khan S.M., Abd_Allah E.F., U.I. Haq Z., Alshahrani T.S., Alqarawi A.A., Rahman U.I., Iqbal M. Abdullah and Ahmad H. (2019). Assessment of plant communities and identification of indicator species of an ecotonal forest zone at Durand Line, District Kurram, Pakistan. Applied Ecology and Environmental Research, 17(3): 6375-6396. DOI: 10.15666/aeer/1703_63756396.

◦۲۲. Rahman I.U., Hart R., Afzal A., Iqbal Z., Abd_Allah E.F., Alqarawi A.A., Ijaz F., Ali N., Kausar R., Muzammil S., Alzain M.N., Majid O. and Calixto E.S. (2019). Phenological plasticity in berberis lycium royle along temporal and altitudinal gradients. Applied Ecology and Environmental, 17 (1): 331-341. DOI: 10.15666/aeer/1701_331341.

◦۲۳. Ume Habiba, Shafaqat Ali, Muhammad Rizwan1, Muhammad Bilal Hussain, Afzal Hussain, Pravej Alam, Abdulaziz A. Alqarawi, Abeer Hashem, and Elsayed Fathi AbdAllah. (2019). The Ameliorative Role of 5-Aminolevulinic Acid (ALA) Under Cr Stress in Two Maize Cultivars Showing Differential Sensitivity to Cr Stress Tolerance. Journal of Plant Growth Regulation. 38, 788–798.

◦۲۴. ELSAYED FATHI ABD_ALLAH1, BABY TABASSUM2, ABDULAZIZ A. ALQARAWI, THOBAYET SAFAR ALSHAHRANI1, JAHANGIR AHMAD MALIK1 AND ABEER HASHEM. (2019). PHYSIOLOGICAL MARKERS MITIGATE DROUGHT STRESS IN PANICUM TURGIDUM FORSSK. BY ARBUSCULAR MYCORRHIZAL FUNGI. Pak. J. Bot., 51(6): 2003-2011.

٥٢٦. compounds of *Catalpa speciosa*, *Taxus cuspidata*, and *Magnolia acuminata* have antioxidant and anticancer activity. *Molecules* 24(3): 412. DOI:10.3390/molecules24030412.
٥٢٧. 6- Elhindi, K.M.; Al-Mana, F.A.; Algahtani, A. M.; Alotaibi, M.A. 2020. Effect of irrigation with saline magnetized water and different soil amendments on growth and flower production of *Calendula officinalis* L. plants. *Saudi Journal of Biological Sciences*, 27: 3072–3078.
٥٢٨. Elansary, H.O.; Szopa A.; Kupica, P.; Ekiert, H.; Al-Mana, F.A.; Al-Yafrahi, M.A. 2020. Antioxidant and biological activities of *Acacia saligna* and *Lawsonia inermis* natural populations. *Plants*, 9, 908.
٥٢٩. Szopa, A.; Pajor, J.; Klin, P.; Rzepiela, A.; Elansary, H.O.; Al-Mana, F.A.; Mattar, M.A.; Ekiert, H. 2020. *Artemisia absinthium* L. importance in the history of medicine, the latest advances in phytochemistry and therapeutical, cosmetological and culinary uses. *Plants*, , 9, 1063.
٥٣٠. Elansary, H.O.; Szopa, A.; Kubica, P.; Ekiert, H.; Al-Mana, F.A.; El-Shafei, A.A. 2020. Polyphenols of *Frangula alnus* and *Peganum harmala* leaves and associated biological activities. *Plants*, 9, 1086.
٥٣١. Mahmoud, E.A.; Elansary, H.O; El-Ansary, D.O.; Al-Mana, F.A. 2020. Elevated Bioactivity of *Ruta graveolens* against cancer cells and microbes using seaweeds. *Processes*, 8(1), 75.
٥٣٢. Abd El-Kareem, M.S.M.; Rabbih, M.A.; Elansary, H.O; Al-Mana, F.A. 2020. Mass spectral fragmentation of *Pelargonium graveolens* essential oil using GC–MS semi-empirical calculations and biological potential. *Processes*, 8(2), 128.
٥٣٣. 12- Elansary, H. O.; Szopa A.; Klimek-Szczykutowicz, M.; Ekiert, H.; Barakat, A. A.; Al-Mana FA. 2020. Antiproliferative, Antimicrobial, and Antifungal Activities of Polyphenol Extracts from Ferocactus Species. *Processes*, 8(2), 138.
٥٣٤. Elansary, H. O.; Szopa A.; Kupica, P.; El-Ansary, D.O.; Ekiert, H.; Al-Mana, F.A. 2020. *Malus baccata* var. *gracilis* and *Malus*

- toringoides bark polyphenol studies and antioxidant, antimicrobial and anticancer activities. *Processes*, 8(3), 283.
٥٣٥. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; El-Ansary, D.O.; Al-Mana, FA.; Mahmoud, E.A. 2020. Saudi Rosmarinus officinalis and Ocimum basilicum L. polyphenols and biological activities. *Processes*, 8(4), 446.
٥٣٦. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; El-Ansary, D.O.; Al-Mana, FA.; Mahmoud, E.A. 2020. Polyphenol content and biological activities of Ruta graveolens L. and Artemisia abrotanum L. in northern Saudi Arabia. *Processes*, 8(5): 531.
٥٣٧. Elansary, H.O.; Abdel-Hamid; A.M.E., Yessoufou, K.; Al-Mana, F.A.; El-Ansary D.O., Mahmoud, E.A., Al-Yafrasi, M.A. 2020. Physiological and molecular characterization of water-stressed Chrysanthemum under robinin and chitosan treatment. *Acta Physiologia Plantarum* , 42, 31.
٥٣٨. Tahira Batool, Shafaqat Ali, Mahmoud Seleiman, Naima Huma Naveed, Aamir Ali, Khurshid Ahmed, Muhammad Abid, Muhammad Rizwan, Muhammad Rizwan Shahid, Majed Alotaibi, Ibrahim Al-Ashkar, Muhammad Mubushar (2020) Plant growth promoting rhizobacteria alleviates drought stress in potato in response to suppressive oxidative stress and antioxidant enzymes activities. *Scientific Reports* (ISI) (IF=3.998): 10, 16975. <https://doi.org/10.1038/s41598-020-73489-z>
٥٣٩. Mohamed Barakat, Abdullah Al-Doss, Khaled Moustafa, Mohamed Motawei, Mohamed Alamri, Mohamed Mergoum, Mohamed Sallam and Ibrahim Al-Ashkar (2020) Molecular detection of QTLs for flour quality traits in two doubled haploid populations in spring wheat under heat stress. *Cereal Research Communications* (ISI) (IF=0.81): <https://doi.org/10.1007/s42976-020-00084-3>
٥٤٠. Ibrahim Al-Ashkar, Majed Alotaibi, Yahya Refay, Abdelhalim Ghazy, Adel Zakri and Abdullah Al-Doss (2020) Selection criteria for high-yielding and early-flowering bread wheat hybrids under heat

stress. Plos one (ISI) (IF=2.74) 15(8): e0236351. <https://doi.org/10.1371/journal.pone.0236351>.

◦ξ¹. Mohamed Barakat, Abdullah Al-Doss, Khaled Moustafa, Mohamed Motawei, Mohamed Alamri, Mohamed Mergoum, Mohamed Sallam, Ibrahim Al-Ashkar (2020) QTL analysis of farinograph and mixograph related traits in spring wheat under heat stress conditions. Molecular Biology Reports (ISI) (IF=1.40) 47:5477–5486; <https://doi.org/10.1007/s11033-020-05638-6>.

◦ξ². Salah El-Hendawy, Nasser Al-Suhaibani, Ibrahim Al-Ashkar, Majed Alotaibi, Muhammad Usman Tahir, Talaat Solieman and Wael Hassan (2020) Combining genetic analysis and multivariate modeling to evaluate spectral reflectance indices as indirect selection tools in wheat breeding under water deficit stress conditions. Remote Sens. (ISI) (IF= 4.51). 12(9), 1480; <https://doi.org/10.3390/rs12091480>.

◦ξ³. Mohamed Barakat, Ibrahim Al-Ashkar, Abdullah Al-Doss, Khaled Moustafa Mohamed Motawei, Mohamed Alamri, Mohamed Mergoum and Mohammed Sallam (2020) Identification of genotyping-by-sequencing tags associated with bread-making quality traits in spring wheat under heat stress. Cereal Research Communications (ISI) (IF= 0.81). <https://doi.org/10.1007/s42976-020-00049-6>.

◦ξ⁴. Ibrahim Al-Ashkar, Ali Alderfasi, Walid Ben Romdhane, Mahmoud F. Seleiman, Rania A. El-Said and Abdullah Al-Doss (2020) Morphological and genetic diversity within salt tolerance detection in eighteen wheat genotypes. Plants (ISI) (IF= 2.76) 9(3): 287.

◦ξ⁵. Kubica, P.; Szopa, A.; Kokotkiewicz, A.; Miceli, N.; Taviano, M.F.; Maugeri, A.; Cirmi, S.; Synowiec, A.; Gniewosz, M.; Elansary, H.O.; Mahmoud, E.A.; El-Ansary, D.O.; Nasif, O.;

- Luczkiewicz, M.; Ekiert, H. Production of Verbascoside, Isoverbascoside and Phenolic Acids in Callus, Suspension, and Bioreactor Cultures of *Verbena officinalis* and Biological Properties of Biomass Extracts. *Molecules* 2020, 25, 5609.
- ४७. Krishna, V.R., Paramesh, V., Arunachalam, V., Das, B., Elansary, H.O., Arjun, P., Reddy, D.D., Shashidhar, K.S., El-Ansary, D.O., Mahmoud, E.A., El-Sheikh, M.A. Assessment of Sustainability and Priorities for Development of Indian West Coast Region: An Application of Sustainable Livelihood Security Indicators. *Sustainability* 2020, 12(20), 8716.
- ४८. Yasin, J.K., Mishra, B.K., Pillai, M.A., Verma, N., Wani, S.H., Elansary, H.O., El-Ansary, D.O., Pandey, P.S. Genome wide in-silico miRNA and target network prediction from stress responsive Horsegram (*Macrotyloma uniflorum*) accessions. *Scientific Reports*, 2020, 10(1), 17203.
- ४९. Yessoufou, K.; Sithole, M.; Elansary, H.O. Effects of urban green spaces on human perceived health improvements: Provision of green spaces is not enough but how people use them matters. *Plos One*, 2020, 15(9): e0239314.
- ५०. Elansary, H.O.; Szopa, A.; Kubica, P.; Ekiert, H.; Al-Mana, F.A.; El-Shafei, A.A. Polyphenols of *Frangula alnus* and *Peganum harmala* Leaves and Associated Biological Activities. *Plants* 2020, 9, 1086.
- ५१. Szopa, A.; Pajor, J.; Klin, P.; Rzepiela, A.; Elansary, H.O.; Al-Mana, F.A.; Mattar, M.A.; Ekiert, H. *Artemisia absinthium* L.—Importance in the History of Medicine, the Latest Advances in Phytochemistry and Therapeutical, Cosmetological and Culinary Uses. *Plants* 2020, 9, 1063.
- ५२. Basavalingaiah, K.; Ramesha, Y.M.; Paramesh, V.; Rajanna, G.A.; Jat, S.L.; Dhar Misra, S.; Kumar Gaddi, A.; Girisha, H.C.; Yogesh, G.S.; Raveesha, S.; Roopa, T.K.; Shashidhar, K.S.; Kumar, B.; El-Ansary, D.O.; Elansary, H.O. Energy Budgeting, Data Envelopment Analysis and Greenhouse Gas Emission from Rice Production System: A Case Study from Puddled Transplanted Rice

and Direct-Seeded Rice System of Karnataka, India. *Sustainability* 2020, 12, 6439.

◦◦◦. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; Al-Mana, FA.; Al-Yafra, M.A. 2020. Antioxidant and biological activities of *Acacia saligna* and *Lawsonia inermis* natural populations. *Plants* 2020, 9, 908.

◦◦◦. Paramesh V.; Dhar, S.; Dass, A.; Kumar, B.; Kumar, A.; El-Ansary, D.O.; Elansary, H.O. Role of Integrated Nutrient Management and Agronomic Fortification of Zinc on Yield, Nutrient Uptake and Quality of Wheat. *Sustainability* 2020, 12(9), 3513.

◦◦◦. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; El-Ansary, D.O.; Al-Mana FA.; Mahmoud, E.A. 2020. Polyphenol Content and Biological Activities of *Ruta graveolens* L. and *Artemisia abrotanum* L. in Northern Saudi Arabia. *Processes* 2020, 8(5), 531

◦◦◦. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; Klimek-Szczykutowicz, M.; El-Ansary, D.O.; Mahmoud, E.A. 2020. Polyphenol Profile and Antimicrobial and Cytotoxic Activities of Natural *Mentha × piperita* and *Mentha longifolia* Populations in Northern Saudi Arabia. *Processes* 2020, 8(4), 479.

◦◦◦. Elansary, H. O.; Szopa A.; Kupica, P.; Ekiert, H.; El-Ansary, D.O.; Al-Mana FA.; Mahmoud, E.A. 2020. Saudi *Rosmarinus officinalis* and *Ocimum basilicum* L. Polyphenols and Biological Activities. *Processes* 2020, 8(4), 446.

◦◦◦. Shankarappa, S.K.; Muniyandi, S.J.; Chandrashekhar, A.B.; Singh, M.K.; Nagabhushanaradhy, P.; Shivashankar, P.; El-Ansary, D.O.; Wani, S.H.; Elansary, H. O. 2020. Standardizing the hydrogel application rates and foliar nutrition for enhancing yield of lentil (*Lens culinaris*). *Processes* 2020, 8(4), 420.

◦◦◦. Elansary, H. O.; Szopa A.; Kupica, P.; El-Ansary, D.O.; Ekiert, H.; Al-Mana FA. 2020. *Malus baccata* var. *gracilis* and *Malus toringoides* Bark Polyphenol Studies and Antioxidant, Antimicrobial and Anticancer Activities. *Processes* 2020, 8(3), 283.

◦◦◦. Deepak, G.K.D.; Challa, S.; Suhasin, G.; Reddy, N.N.R.; Elansary, H. O.; El-Ansary, D.O. 2020. Antidiabetic and

Antilipidemic Activity of Root Extracts of *Salacia oblonga* against Streptozotocin-Induced Diabetes in Wistar Rats. Processes 2020, 8(3), 301.

- ٦٠. Elansary, H.O., Abdel-Hamid, A.M.E., Yessoufou, K., Al-Mana, F.A., El-Ansary D.O., Mahmoud, E.A., Al-Yafrasi, M.A. 2020. Physiological and molecular characterization of water-stressed Chrysanthemum under robinin and chitosan treatment. *Acta Physiologia Plantarum* 42, 31 (2020).
- ٦١. Elansary, H. O.; Szopa A.; Klimek-Szczykutowicz, M.; Ekiert, H.; Barakat, A. A.; Al-Mana FA. 2020. Antiproliferative, Antimicrobial, and Antifungal Activities of Polyphenol Extracts from Ferocactus Species. *Processes* 2020, 8(2), 138.
- ٦٢. Abd El-Kareem MSM, Rabbih MA, Elansary HO, Al-Mana FA. 2020. Mass Spectral Fragmentation of *Pelargonium graveolens* Essential Oil Using GC–MS Semi-Empirical Calculations and Biological Potential. *Processes* 8(2), 128.
- ٦٣. Mahmoud EA, Elansary HO, El-Ansary DO, Al-Mana FA. 2020. Elevated Bioactivity of *Ruta graveolens* against Cancer Cells and Microbes Using Seaweeds. *Processes* 2020, 8(1), 75.
- ٦٤. Elansary HO. 2020. Tree Bark Phenols Regulate the Physiological and Biochemical Performance of *Gladiolus* Flowers. *Processes* 2020, 8(1), 71.
- ٦٥. El-Esawi MA, Elkelish A, Soliman M, Elansary HO, Zaid A, Wani SH. 2020. *Serratia marcescens* BM1 Enhances Cadmium Stress Tolerance and Phytoremediation Potential of Soybean Through Modulation of Osmolytes, Leaf Gas Exchange, Antioxidant Machinery, and Stress-Responsive Genes Expression . *Antioxidants* 9 (1), 43.
- ٦٦. Elansary, H. O.; Klimek-Szczykutowicz, M.; Jafernik, K.; Ekiert, H.; Mahmoud, E. A.; Barakat, A. A.; El-Ansary, D. O., Mammillaria Species—Polyphenols Studies and Anti-Cancer, Anti-Oxidant, and Anti-Bacterial Activities. *Molecules* 2020, 25(1), 131.
- ٦٧. Abdelaal KA, El-Maghraby LM, Elansary HO, Hafez YM, Ibrahim EI, El-Banna M, El-Esawi M, Elkelish A. 2020. Treatment

- of sweet pepper with stress tolerance-inducing compounds alleviates salinity stress oxidative damage by mediating the physio-biochemical activities and antioxidant systems. *Agronomy-Basel* 2020, 10, 26.
- ٧٨. Elansary HO, Mahmoud EA, El-Ansary DO, Mattar MA. 2020. Effects of water stress and modern biostimulants on growth and quality characteristics of mint. *Agronomy-Basel* 2020, 10, 6.
- ٧٩. Elansary HO, El-Ansary DO, Al-Mana FA. 2020. 5-aminolevulinic acid and soil fertility enhance the resistance of rosemary to *Alternaria dauci* and *Rhizoctonia solani* and modulate plant biochemistry. *Plants-Basel* 9, 50.
- ٧٠. Seleiman M.F., Semida W.M., Rady M.M., Mohamed G.F., Hemida K.A., Alhammad B.A., Hassan M.M., Shamy A. 2020. Sequenced Antioxidants Application Rectifies Ion Imbalance and Strengthens Antioxidant Systems in Salt-stressed Cucumber. *Plants*
- ٧١. Hassan M.U., Aamer M., Chattha M.U., Haiying T., Khan I., Seleiman M.F., Rasheed A., Nawaz M., Rehman A., Aslam M.T., Afzal A., Huang G. 2020. Sugarcane Distillery Spent Wash (DSW) as a Bio-nutrient Supplement: a Win-Win Option for Sustainable Crop Production. *Agronomy*
- ٧٢. Seleiman M., Almutairi K., Alotaibi M., Shami A., Alhammad B., Battaglia M. 2020. Nano fertilization as an emerging fertilization technique: why modern agriculture can benefit from its use? *Plants*
- ٧٣. 4. Ding Z., Ali E.F., Elmahdy A.M., Ragab K., Seleiman M.F., Kheir A.M.S. 2021. Modeling the combined impacts of deficit irrigation, rising temperature and compost application on wheat yield and water productivity. *Agricultural Water Management* 244, 106626. <https://doi.org/10.1016/j.agwat.2020.106626>
- ٧٤. Taha R.S., Seleiman M.F., Alotaibi M., Alhammad B.A., Rady M.M., Mahdi A.H.A. 2020. Exogenous potassium treatments elevate salt tolerance and performances of *Glycine max L.* by boosting antioxidant defense system under actual saline field conditions. *Agronomy* 10(11), 1741; <https://doi.org/10.3390/agronomy10111741>
- ٧٥. Seleiman M.F., Hardan A.N. 2021. Importance of Mycorrhizae in Crop Productivity. In: *Mitigating Environmental Stresses for*

Agricultural Sustainability in Egypt (Editors: Awaad H., Abu-Hashim M., Negm A.). Springer Water, Springer International Publishing, Switzerland, DOI: 10.1007/978-3-030-64323-2, eBook ISBN: 978-3-030-64323-2. Chapter DOI: 10.1007/978-3-030-64323-2_17

◦٧٦. Seleiman M.F., Hafez E. 2021. Optimizing Inputs Management for Sustainable Agricultural Development. In: Mitigating Environmental Stresses for Agricultural Sustainability in Egypt (Editors: Awaad H., Abu-Hashim M., Negm A.). Springer Water, Springer International Publishing, Switzerland, DOI: 10.1007/978-3-030-64323-2, eBook ISBN: 978-3-030-64323-2. Chapter DOI: 10.1007/978-3-030-64323-2_18

◦٧٧. Batool T., Ali S., Seleiman M.F. et al. Plant growth promoting rhizobacteria alleviates drought stress in potato in response to suppressive oxidative stress and antioxidant enzymes activities. *Scientific Reports* 10, 16975 (2020). <https://doi.org/10.1038/s41598-020-73489-z>. IF = 3.99, Q1

◦٧٨. Ding Z., Kheir A.S., Ali O.A., Hafez E., Elshamey E.A., Zhou Z., Wang B., Lin X., Ge Y., Fahmy A.E., Seleiman M.F. 2021. A vermicompost and deep tillage system to improve saline-sodic soil quality and wheat productivity. *Journal of Environmental Management* 277, 111388. IF = 5.62, Q1

◦٧٩. 10. Hewedy O.A., Abdel Lateif K.S., Seleiman M.F., Shami A., Albarakaty F.M., El-Meihy R.M. 2020. Phylogenetic diversity of Trichoderma strains and their antagonistic potential against soil-borne pathogens under stress conditions. *Biology*, 9(8), 189; <https://doi.org/10.3390/biology9080189>. IF = 3.79, Q1

◦٨٠. Ali S., Abbas Z., Seleiman M.F., Rizwan M., YAVAŞ I., Alhammad, B.A., Shami A., Mirza Hasanuzzaman A.S., Kalderis D. 2020. Glycine Betaine Accumulation, Significance and Interests for Heavy Metal Tolerance in Plants. *Plants*, 9(7), 896; <https://doi.org/10.3390/plants9070896>. IF = 2.76, Q1

٦٨١. Seleiman M.F., Alotaibi M., Alhammad B., Alharbi B., Refay Y., Badawy S. 2020. Effects of ZnO nanoparticles and biochar of rice straw and cow manure on characteristics of contaminated soil and sunflower productivity, oil quality, and heavy metals uptake. *Agronomy* 10(6), 790. <https://www.mdpi.com/2073-4395/10/6/790>. IF = 2.60, Q1
٦٨٢. Sofy M., Seleiman M.F., Alhammad B.A., Alharbi B.A., Mohamed H.I. 2020. Minimizing adverse effects of Pb stress on maize yield, macro elements, and physiological and biochemical traits by combined treatment with jasmonic acid, salicylic acid, and proline. *Agronomy* 10(5), 699; <https://doi.org/10.3390/agronomy10050699>. IF = 2.60, Q1
٦٨٣. Seleiman M.F., Selim S., Alhammad B.A., Alharbi B.M., Juliatti F.C. 2020. Will novel coronavirus (COVID-19) pandemic impact agriculture, food security and animal sectors? *Bioscience Journal* 36(4): 1315-1326. <http://dx.doi.org/10.14393/BJ-v36n4a2020-54560>. IF = 0.5, Q4
٦٨٤. Mukhtar T., Rehman S., Smith D., Sultan T., Seleiman M.F., Alsadon A.A., Amna, Ali S., Chaudhary H.J., Solieman T.H.I., Ibrahim A.A., Saad M.A. 2020. Mitigation of heat stress in *Solanum lycopersicum* L. by ACC-deaminase and exopolysaccharide producing *Bacillus cereus*: Effects on biochemical profiling. *Sustainability* 12(6), 2159. <https://doi:10.3390/su12062159>. IF = 2.57, Q2
٦٨٥. Al-Ashkar I., Alderfasi A., Romdhane W., Seleiman M.F., El-Said R.A., Al-Doss A. 2020. Morphological and genetic diversity within salt tolerance detection in eighteen wheat genotypes. *Plants* 9(3), 287. <https://doi.org/10.3390/plants9030287>. IF = 2.76, Q1
٦٨٦. Seleiman M.F., Ali S., Refay Y., Rizwan M., Alhammad B.A., El-Hendawy S. 2020. Chromium resistant microbes and melatonin reduced Cr uptake and toxicity, improved physio-biochemical traits and yield of wheat in contaminated soil. *Chemosphere* 250, 126239. <https://doi.org/10.1016/j.chemosphere.2020.126239>. IF = 5.77, Q1

- ۸۷. Ashraf S., Naveed M., Afzal M., Seleiman M.F., Al-Suhaibani N., Zahir Z., Mustafa A., Refay Y., Alhammad B., Ashraf S., Alotaibi M., Abdella K. 2020. Unveiling the potential of novel macrophytes for the treatment of tannery effluent in vertical flow pilot constructed wetlands. Water 12(2): 549. <https://doi.org/10.3390/w12020549>. IF = 2.54, Q2
- ۸۸. Eid M., Abdel-Salam A., Salem H., Mahrous S., Seleiman M.F., Alsadon A., Solieman T., Ibrahim A. 2020. Interaction Effects of Nitrogen Source and Irrigation Regime on Tuber Quality, Yield, and Water Use Efficiency of *Solanum tuberosum* L. Plants 9(1): 110. <https://doi.org/10.3390/plants9010110>. IF= 2.76, Q1
- ۸۹. Plants under Metal and Metalloid Stress - Responses, Tolerance and Remediation (ISBN: 978-981-13-2241-9 & eBook ISBN: 978-981-13-2242-6). Eds. Hasanuzzaman M, Nahar K, Fujita M. Series Soil Biology, Springer Nature Singapore Pte Ltd. Chapter 9: Pp 249-262. DOI: 10.1007/978-981-13-2242-6_9
- ۹۰. Seleiman M.F., Ibrahim ME, Abdel-Aal SM & Zahran GA. 2010. Effect of seeding rates on productivity, technological and rheological characteristics of bread wheat (*Triticum aestivum* L.). International Journal for Current Research 4: 75-81.
- ۹۱. Ibrahim ME, Abdel-Aal SM, Seleiman M.F., Khazaei H & Monneveux P. 2010. Effect of different water regimes on agronomical traits and irrigation efficiency in bread wheat (*Triticum aestivum* L.) grown in Nile delta. Wheat Information Service 109: 5-9.
- ۹۲. Seleiman M.F., Abdel-Aal SM, Ibrahim ME and Monneveux P (2010): Variation of yield and milling, technological and rheological characteristics in some Egyptian bread wheat (*Triticum aestivum* L.) cultivars. Emirates Journal of Food and Agriculture 22: 84-90.
- ۹۳. Abdel-Aal SM, Ibrahim ME & Seleiman M.F. 2009. Effect of nitrogen fertilization on yield, technological and rheological characters of wheat (*Triticum aestivum* L.). Egyptian journal of Agronomy 31: 95-107.
- ۹۴. Conferences (Abstracts, full papers, audience)

- ٩٥. Seleiman M.F., Santanen A, Stoddard FL &Mäkelä P. 2010. Maize and white lupin as bioenergy crops grown in soil amended with sewage sludge. Proceedings of ‘Agro2010, the XIth ESA Congress’, Montpellier, France, August 29th – September 3rd, 2010. Eds. J Wery, I Shili-Touzi& A Perrin. Agropolis International Editions, Montpellier, France, pp. 207-208.
- ٩٦. Seleiman M.F., Santanen A, Manninen-Egilmez P, Stoddard F &Mäkelä P. 2010. Sewage sludge as nutrient source for bioenergy crops. In MaataloustieteenPäivät2010 ”In English: Agricultural Science Day”(e-publication). Suomen Maataloustieteellisen seuran tiedotteita no 26. Ed. A. Hopponen. www.smts.fi.
- ٩٧. International symposium of Water for Growth. Aswan, Egypt, 14.11.2007 – 21.11.2007, Audience.
- ٩٨. Seleiman M.F., Mäkelä P, Santanen A &Stoddard F. 2010. Puhdistamolieta kasvattaa bioenergiakasvin massaa (in Finnish). MaaseudunTiede 67, 3: 10.
- ٩٩. Theses
١٠٠. Master’s thesis
١٠١. Seleiman M.F. 2007. Effect of some agricultural practices on yield, technological and rheological characters of wheat crop. 186 p. Master’s thesis in Agricultural Sciences, Department of Crop Sciences, Faculty of Agriculture, Minufiya University, Egypt.
١٠٢. Doctoral dissertation (article)
١٠٣. 42- S. S. Soliman, H.A. Kassem, R. S. Al-Obeed, and Monia Jemni (2020). Influence of pollen source and its mineral content on fruit retention and quality of Kadary date palm cultivar (*Phoenix dactylifera* L.). Journal of Chemical, Biological and Physical Sciences. Vol. 10 (3); 437-446, E- ISSN: 2249 –1929. (ISI)
١٠٤. Ahmed Ali Al-Aizari, Rashid S. Al-Obeed, and Mahmoud A.H. (2020). Mohamed Improving micropropagation of some grape cultivars via boron, calcium and phosphate. Electronic Journal of Biotechnology. 48 95–100. (ISI)
١٠٥. Alaa El-Din K. Omar, Mahmoud Abdel-Aziz Ahmed, Rashed Al-Obeed, and Abdullah Alebidi (2020). Influence of foliar

applications of yeast extract, seaweed extract and different potassium sources fertilization on yield and fruit quality of ‘Flame Seedless’ grape. *Acta Sci. Pol. Hortorum Cultus.* 19(5): 143–150. e-ISSN 2545-1405. (ISI)

٦٠٦. Adel Mohamed Al-Saif, Mahmoud Abdel-Aziz Ahmed, Rashid Al-Obeed and Ahmed Said El-Sabagh (2020). Yield and fruit quality of *Ziziphus jujuba* L. trees as affected by preharvest foliar application of calcium and ascorbic acid. *Acta Sci. Pol. Hortorum Cultus,* 19(5): 151–158. e-ISSN 2545-1405. (ISI)

٦٠٧. Personal Information

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٦٠٩. Brief Introduction:

٦١٠. Faculty member of Plant Production Department and the Secretary of the Board from 1435 to 1437 H, and Agricultural

٦١١. Influence of foliar applications of yeast extract, seaweed extract and different potassium sources fertilization on yield and fruit quality of ‘Flame Seedless’ grape. 2020. Omar A.E.-D.K. , Ahmed M.A.-A. , Al-Obeed R. , Alebidi A. *Acta Scientiarum Polonorum. Hortorum Cultus.*

٦١٢. Suansa N. and H. Al-Mefarrej. (2020) Branch-wood properties and Potential utilization of this variable resource. *BioResources*, 15(1):479-491.

٦١٣. Ahmed A. I.; I.M. Aref; and H. A. Al-Mefarrej (2020) Developing an optimal method for the rooting and the seedling growth of the medicinal species *Buddleja polystachya* (FRESEN): a step towards mass production. *Applied Ecology and Environmental Research*, 18 (5): 7393-7405.

٦١٤. Papers Published or Accepted for Publication in Academic, Specialized and Refereed Journals:

٦١٥. Saad. Farouk, Elhindi K.M., Majed A. Alotaibi. (2020). Silicon supplementation mitigates salinity stress on *Ocimum basilicum* L. via improving water balance, ion homeostasis, and antioxidant defense system. *Ecotoxicology and Environmental Safety* 206, 111396.

٦١٦. Abdullah M. Algahtani, Fahed A. Al-Mana, Khalid M. E. (2020). Alleviation of salinity effects on growth and flowering of Petunia hybrida Juss. using saline water magnetization and soil amendments. In Press.
٦١٧. Fahed A. Al-Mana, Khalid M. Elhindi, Abdullah M. Algahtani, Yaser H. Dewir, Majed A. Alotaibi. (2020). Water magnetization and application of soil amendments enhance growth and productivity of Snapdragon (*Antirrhinum majus* L.) plants. Hortiscience. In Press.
٦١٨. Mahmoud R. Sofy, Khalid M. E., Farouk S., Majed A. Alotaibi. (2020). Zinc and Paclobutrazol Mediated Regulation of Growth, Upregulating Antioxidant Aptitude and Plant Productivity of Pea Plants under Salinity. *Plants*. 9, 1197; doi:10.3390/plants9091197.
٦١٩. Elhindi K.M., Fahed A. Al-Mana, Abdullah M. Algahtani, Majed A. Alotaibi. (2020). Effect of irrigation with saline magnetized water and different soil amendments on growth and flower production of *Calendula officinalis* L. plants. *Saudi Journal of Biological Sciences* 27, 3072–3078.
٦٢٠. Tahira Batool, Shafaqat Ali, Mahmoud Seleiman, Naima Huma Naveed, Aamir Ali, Khurshid Ahmed, Muhammad Abid, Muhammad Rizwan, Muhammad Rizwan Shahid, Majed Alotaibi, Ibrahim Al-Ashkar, Muhammad Mubushar (2020) Plant growth promoting rhizobacteria alleviates drought stress in potato in response to suppressive oxidative stress and antioxidant enzymes activities. *Scientific Reports* (ISI) (IF=3.998): 10, 16975. <https://doi.org/10.1038/s41598-020-73489-z>
٦٢١. 2020
٦٢٢. Abhinandan Patil, Anamika Dubey, Muneer Ahmad Malla, John Disouza, Shivaji Pawar, Abdulaziz A. Alqarawi, Abeer Hashem, Elsayed Fathi Abd_Allah, Ashwani Kumar Catherine Putonti,(2020) Complete Genome Sequence of *Lactobacillus plantarum* Strain JDARSH, Isolated from Sheep Milk. *Microbiology Resource Announcements*. Volume: 9 Issue: 2 Article Number: e01199-19.

۶۲۳. Mudasir A. Dar, Gowher A., Wani Zafar, A. Reshi, Abdul Aziz Alqarawi, E. F. Abd Allah and Manzoor A. Shah. (2020). Stage-specific ploidy level variations in invasive species in comparison to rare endemics in Kashmir Himalaya. *Flora*. Volume 262, 151525.
۶۲۴. Shruti Singh, Maheshwar Prasad Sharma, Abdulaziz A. Alqarawi, Abeer Hashem , Elsayed Fathi Abd_Allah and Altaf Ahmad (2020). Real-Time Optical Detection of Isoleucine in Living Cells through a Genetically-Encoded Nanosensor. *Sensors*.20,146;doi:10.3390/s20010146.
www.mdpi.com/journal/sensors.
۶۲۵. Rahman, I U., Aftab Afzal, Zafar Iqbal, Robbie Hart, Elsayed Fathi Abd_Allah, Abdulaziz A. Alqarawi, Moodi Saham Alsubeie, Eduardo S. Calixto, Farhan alja, Niaz Ali, Rukhsana Kausar, Muzammil Shah, Rainer W.Bussmann, (2020). Response of plant physiological attributes to altitudinal gradient: Plant adaptation to temperature variation in the Himalayan region. *Science of The Total Environment*, Volume 706, 1 March, 135714.
۶۲۶. Farhana Ijaz, Niaz Ali, Abeer Hashem, Abdulaziz A. Alqarawi and Elsayed Fathi Abd_Allah.(2020). First insights into the crustose lichen diversity of Musk Deer National Park, with new records to Pakistan. *Pakistan J. Bot.*, 52(3): 1115-1120.
۶۲۷. Manickam Pavunraja, Kathirvelu Baskarb, Selvaraj Arokiyarajc, Krishnamoorthy Rajapandiyand , Abdulaziz A. Alqarawie , Elsayed Fathi Abd_ Allahe.(2020). Silver nanoparticles containing stearic acid isolated from Catharanthus roseus: Ovicidal and oviposition-deterrant activities on *Earias vittella* and ecotoxicological studies. *Pesticide Biochemistry and Physiology*. V. 168, September 2020, 104640.
۶۲۸. Mashail N. AlZain , Abdulrahman A. AlAtar , Abdulaziz A. Alqarawi, Ramzi A. Mothana , Omar M. Noman, Rashed N. Herqash, Ebtesam S. AlSheddi, Nida N. Farshori and Perwez Alam. (2020). The Influence of Mycorrhizal Fungi on the Accumulation of

Sennosides A and B in *Senna alexandrina* and *Senna italic*. Separations 2020, 7, 65; doi:10.3390/separations7040065.

٦٢٩. Abdelmalik A., Alsharani T., Al-Qarawi A. A. and Aref I. (2020): Response of growth and drought tolerance of *Acacia seyal* Del. seedlings to arbuscular mycorrhizal fungi. Plant Soil Environ., 66: 264-271.

المراجع العربية:

١. كما يوجد عدد من الأبحاث تم الانتهاء منها وهي في طور الإعداد للنشر العلمي
٢. الأبحاث المنشورة من ٢٠١١-٢٠٢٠ م
٣. الأبحاث المنشورة من ٢٠١١-٢٠٢٠ م
٤. النشر العلمي للدكتور فهد بن عبدالعزيز المانع (٢٠١٣-٢٠٢٠ م)
٥. د. فهد بن عبد العزيز المانع و د. يحيى أحمد علي أحمد. ١٤٣٤ هـ (٢٠١٣). النباتات
العطريّة
٦. وتوظيفها في تنسيق المواقع والحدائق. الجمعية السعودية للعلوم الزراعية- سلسلة
الإصدارات
٧. العلمية- إصدار رقم (٢٧)، ص ص (٤٠).
٨. الأبحاث المنشورة : Published researches
٩. كما يوجد عدد من الأبحاث تم الانتهاء منها وهي في طور الإعداد للنشر العلمي
١٠. الأبحاث المنشورة والتي تحت النشر لسعادة الدكتور حمد المفرج منذ ٢٠١٣
النشر العلمي للدكتور فهد بن عبدالعزيز المانع (٢٠١٣-٢٠٢٠ م)
١١. الكتب والإصدارات العلمية: . فهد بن عبد العزيز المانع و د. يحيى أحمد علي أحمد.
١٢. ١٤٣٤ هـ (٢٠١٣). النباتات العطرية
١٣. وتوظيفها في تنسيق المواقع والحدائق. الجمعية السعودية للعلوم الزراعية- سلسلة
الإصدارات
١٤. العلمية- إصدار رقم (٢٧)، ص ص (٤٠).
١٥. الأبحاث المنشورة : Published researches
١٦. الأبحاث المنشورة والتي تحت النشر لسعادة الدكتور حمد المفرج منذ ٢٠١٣
١٧. د محمود فتحي سليمان أستاذ مشارك للإنتاج النباتي
١٨. قائمة الابحاث
١٩. أ.د. فهد بن عبد العزيز المانع، و د. يحيى أحمد علي أحمد، و أ.د. عبد رب الرسول
العمران و أ.د. عبدالله بن سعد المديهش، و أ. د. حسين بن محمد الغباري، و أ.د. فهد بن
عبدالله اليحيى، و أ.د. عبدالرحمن بن سعد الداود و د. علي بن سعيد آل سرار. ١٤٣٦ هـ
(٢٠١٥ م).
٢٠. المسطحات الخضراء في الملاعب الرياضية زراعتها وصيانتها. معهد إعداد القادة
– الهيئة
٢١. العامة للرياضة الشباب- الرياض، المملكة العربية السعودية، ص ص ٢٢٤
٢٢. أ.د. فهد بن عبد العزيز المانع، و د. يحيى أحمد علي أحمد، و أ.د. عبد رب الرسول
العمران و أ.د. عبدالله بن سعد المديهش، و أ. د. حسين بن محمد الغباري، و أ.د. فهد بن
عبدالله اليحيى، و أ.د. عبدالرحمن بن سعد الداود و د. علي بن سعيد آل سرار. ١٤٣٦ هـ
(٢٠١٥ م).

٢٣. أ.د. فهد بن عبد العزيز المانع، و د. يحيى أحمد علي أحمد، و أ.د. عبد رب الرسول العمران و أ.د. عبدالله بن سعد المديهش، و أ. د. حسين بن محمد الغباري، و أ.د. فهد بن عبدالله اليحيى، و أ.د. عبدالرحمن بن سعد الداود و د. علي بن سعيد آل سرار. ١٤٣٦ هـ (٢٠١٥ م).

٢٤. الكتب والإصدارات العلمية:
٢٥. المسطحات الخضراء في الملاعب الرياضية زراعتها وصيانتها. معهد إعداد القادة – الهيئة العامة للرياضة الشباب- الرياض، المملكة العربية السعودية، ص ص ٢٢٤.
٢٦. د محمود فتحي سليمان أستاذ مشارك الإنتاج النباتي قائمة الابحاث
٢٧. أبحاث ISI منشورة لسعادة أ.د. عبدالواسع بن عبدالغفور أسرار وآخرون: