

Published Research& Outhouses, Training , Conferences and Workshops

Published Articles:

1. Good Farmer and pest management program (Article)- Agricultural Journal.
2. Bee the Magnificent Insect (Article) engineer magazine.
3. Spider web construction (Article) engineer magazine.
4. Ant the drilling engineer manager (Article). engineer magazine
5. Alert Farmer and IPM (Article) Xebat journal.
6. Procedures needed for collaborate between ministry of agriculture and Agriculture College for farmers and plant production benefits. (Article) Xebat journal

Published Research papers:

1. Some Ecological Studies on interference between soft wheat and syrian cephalaria Weed 2001. (M.Sc Thesis). University of Salahaddin college of Education. Iraq.
2. Studying the effect of root and shoot extracts of *syrian cephalaria* (*Cephalaria syriaca*) extract on wheat seeds (*Triticum aestivum*) germination properties. Kawa Abdulkareem Ali & Farhad Hassan Aziz. (Zanco) journal of pure and applied science. Vol 14. No(2): 15-24.
3. Utilizing the allelopathic potential of *Cephalaria syriaca* in controlling some endemic weed species in wheat and barley. 2009. (PHD thesis). University of Salahaddin college of Science. Iraq.
4. Influence of *Cephalaria syriaca* Residue Concentrations on Germination and Growth of Wheat, barley and some companion weeds. Kawa A. Ali & Faisal Qader Sakri. 2010. (Paper) (Zanco) journal of pure and applied science journal. 22- (5):122-132.
5. Antifungal Activity of Allelopathic Plant Aqueous Extracts and *Trichoderma harzianum* on Growth of Some Wheat seed borne Pathogenic Fungi. Kawa A. Ali ., Musa I. Taha & Bader Q. Ismail. October 2011 (Paper). Koya Research Journal. No. 19 :113- 128
6. The Allelopathic Effect of Different Species of Grapevine Berries Aqueous Extracts on Some Germination Parameters of Lettuce (*Lactuca sativa* L.) seeds. Kawa A. Ali & Pakhshan Mustafa Maulood. (Paper). (2011). International Journal of Biosciences. Vol. (1) No.6.
7. Isolation and purification of allelochemicals from *Cephalaria syriaca* plant. Kawa A. Ali., Faisal Q. Sakri & Qing X. Li. (Paper). (2012). International Journal of Biosciences. Vol. (2) No.7. page 90-103.
8. The effect of spraying of wheat straw extracts on controlling some weed species. Kawa A. Ali, Muhsin M. Qadir, Samira O. Rasool, Othman M. Hamad. IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS). Volume 1, Issue 5 (Nov. - Dec. 2012), PP 36-39.
9. Allelopathic potential of some crop plant species on bread Wheat *Triticum aestivum* Using Equal compartment Agar Method. (2014). Kawa Abdulkareem Ali. Journal of Tikrit University for Agricultural Sciences. Volume 14, number 3, PP 1-7.
10. The Allelopathic Effect of Aqueous Extracts of Dill (*Anethum graveolens* L.) on Soft Wheat's Some Germination and Growth Characteristics. Kawa A. Ali., Pakhshan M. Maulood and Shirin A. Amin. (2013). The Second International Conference of Agricultural Scientific Researches in Kirkuk University. Iraq.
11. Influence of Different Levels of Water Stress on Some Physiological Traits of Five Wheat (*Triticum* spp.) Cultivars. (2015). Nasik J ahmed & Kawa A. Ali. Garmain Scientific Conference. Kalar. Iraq.

12. Influence of Foliar Application of Zinc on the Growth, Yield, and Oil Content of Black Cumin (*Nigella sativa* L.). (2015). Kawa A. Ali., Nabil H. Rasoul., Sardar A. Zaino., Maqsoud KH. Abdulrahman & Hussain H. Hamad. (Zanco) journal of pure and applied science journal. 27- (5): 7-12.
13. Influence of Different Levels of Water Stress on Some Physiological Traits of Five Wheat (*Triticum* spp.) Cultivars. 2nd Garmian scientific conference. 2014. Kawa A. Ali & Nasik J. Ahmed.
14. Study the Allelopathic Potential of Wild Barley (*Hordeum spontaneum* Koch.) as an Integrated Weed Management (IWM) Tool. 2015. Kawa A. Ali & Didar J Tawfiq. International Conference on Energy, Environment and Applied Sciences. Isik University.
15. Response of growth and yield of soybean varieties to foliar nutrition *Glycine max* (L.) Merrill. Kawa A. Ali, Hussam M Hameed & Ayad T. Shakir. 2015. Journal of Tikrit University for Agricultural Sciences. 16 (4): (Paper Accept Letter)
16. The impact of manganese and zinc foliar fertilization on some qualitative traits of three of soybean *Glycine max* (L.) Merrill varieties. 2018. Journal of Kirkuk University for Agricultural Sciences. 9 (2):
17. Physiological and Yield Responses of Wheat (*Triticum aestivum*) to Different Herbicide Treatments. 2016. Kawa A. Ali1, Muhsin H. Qadir, Samira O. Rasoul., Saman S. Ali. Journal of Zankoy Sulaimani. 18 (4): 77- 84
18. Integrated Weed Management in Weed Crops by applying sorghum aqueous extract and reduced herbicide dose. 2020. Krmanj Y. Naby and Kawa A. Ali. Plant Archives. 20 (1): acceptance letter.
19. Effect of sorghum *Sorghum bicolor* (L.) aqueous extract on germination and seedling growth of wheat, wild oat, wild barley and canary grass. 2019. Krmanj Y. Naby and Kawa A. Ali. Journal of advanced pharmacy education & research. 10 (S2): 190-196.
20. Effect of radish aqueous extract on germination and seedling growth of wheat, wild oat, wild barley. 2019. Saman A. Rasul and Kawa A. Ali. Journal of advanced pharmacy education & research. 10 (S2): 183-189.
21. Study of allelopathic effects of radish by incorporate into soil on some poaceae species. 2020. Saman A. Rasoul and Kawa A. Ali. Plant Archives. 20 (1): acceptance letter.

Training:

1. Erbil Douhok and sulaimania 1994 till 2005 Training DOA staff on plant protection, herbicides, procedures and Farmer extension workshops.
2. GRF of University of Hawaii at USA -2009.
3. Fulbright Scholar to Michigan State University USA- 2012.
4. Leader skills- Alumni university training course in American corner 6th Dec. 2015.
5. Emotional Intelligence- Strategies that make leaders- Korek Academy- 13th Jan. 2016.