

National Agricultural Research Center(NARC)

**Publication
Title**

Year

Bee Research Directorate Publications

Adjlane Noureddine, Nizar Jamal Haddad , Habbi-Cherif. 2019, Assia Prevalence of Acariosis in Honeybee, Journal of Entomological Research . 42(4):451-455.	2019
Adjlane Noureddine, Habbi-Cherifi Assia, Nizar Jamal Haddad , Baz Ahcen. 2018, Prevalence of acariosis in honeybee colonies of <i>Apis mellifera intermissa</i> in Algeria. Journal of Entomological Research , 42(4):451. DOI: 10.5958/0974-4576.2018.00075.0.	2018
Habbi-Cherifi A., Adjlane N., Medjdoub-Bensaad F., Haddad, N. 2018, Efficacies of Chemical and Biological Products Employed in the Integrated Treatment of <i>Varroa destructor</i> in Algeria. <i>Bulletin of Pure and Applied Sciences</i> . 37A (Zoology,(2): 85-91. Print version ISSN 0970 0765. Online version ISSN 2320 3188. DOI 10.5958/2320-3188.2018.00011.6.	2018
Nizar Jamal Haddad , Adjlane Noureddine, Deepti Saini, Athul Menon K, Venkatesh Krishnamurthy, Devan Jonklaas, Jeffrey P Tomkins, Loucif Wahida, Lisa Horth . 2018, Whole-genome sequencing of north African honey bee <i>Apis mellifera intermissa</i> to assess its beneficial traits: NGS of <i>A. m. intermissa</i> whole genome. Entomological Research . DOI: 10.1111/1748-5967.12272..	2018
Nizar Jamal Haddad , Lisa Horth.2018, Chapter, Beekeeping in Parts of the Levant Region. In: Chantawannakul P., Williams G., Neumann P. (eds) Asian Beekeeping in the 21st Century .	2018
Nizar Jamal Haddad , Lisa Horth, Banan Alshagour , Adjlane Noureddine, Loucif Wahida. 2018 , Next-generation sequence data demonstrate several pathogenic bee viruses in Middle East and African honey bee subspecies (<i>Apis mellifera syriaca</i> , <i>Apis mellifera intermissa</i>) as well as their cohabiting pathogenic mites (<i>Varroa destructor</i>). Virus Genes . 54(1). DOI: 10.1007/s11262-018-1593-9.	2018

Nizar Jamal Haddad , Abdullah Nasher, Lisa Horth, .2017, <i>Apis mellifera jemenitica</i> in Yemen, Bee World , 94(3):66-68, DOI: 10.1080/0005772X.2017.1345225.	2017
Nizar Jamal Haddad , Moath Al-Gharaibeh , Abdullah Nasher, Eman Anaswah , Yaseen Al ammari, Lisa Horth. 2017, Scientific note: molecular detection of pathogens in unhealthy colonies of <i>Apis mellifera jemenitica</i> . Apidologie , 49(3), DOI: 10.1007/s13592-017-0530-6.	2017
Nizar Haddad , Nouredine Adjlane, Wahida Loucif-Ayad, Abhinandita Dash, Naganeeswaran S., Balaji Rajashekar, Kosai Al-Nakeeb, Thomas Sicheritz-Ponten. 2017, Mitochondrial genome of the North African Sahara Honeybee, <i>Apis mellifera sahariensis</i> (Hymenoptera: Apidae). Mitochondrial DNA Part B Resources , 2:2, 548-549, DOI:10.1080/23802359.2017.1365647.	2017
Nouredine Adjlane, Nizar Haddad . 2017, A bibliographic review on the most dangerous diseases of the honey bee. Review. Article. Bio- Science Research Bulletin , 33 (2): 85- 99. DOI 10.5958/2320 -3161.2017.00011.6.	2017
ADJLANE Nouredine, HADDAD Nizar . 2016. La nosémose des abeilles: épidémiologie, diagnosticset traitements. ElWahat pour les Recherches et les Etudes , Vol.9 n°1 (2016) :79-88	2016
Haddad Nizar. , Al-tellawi A., Nouredine A., Khoury F. 2016. Diagnosis of Paenibacillus larvae Honeybees Disease in Jordan Using PCR Techniques. J.Mater. Environ. Sci. 7(12) (2016) 4534-4539 ISSN: 2028-2508 CODEN: JMESCN.	2016
Nizar Haddad , Fares Khoury, Alaa Tellawi, Nouredine Adjlane. 2016. Screening the Efficacy of Different Anti-biotic Against American Foulbrood in Jordan. An - Najah Univ. J. Res. (N. Sc.) Vol. 30(2), 2016.	2016
Nizar Jamal Haddad , Ahmed Batainh , Deepti Saini, Osama Migdadi , Mohamed Aiyaz, Rushiraj Manchiganti, Venkatesh Krishnamurthy, Banan Al-Shagour , Mohammad Brake, Lelania Bourgeois, Lilia De Guzman, Thomas Rinderer, Zayed Mahoud Hamouri. 2016. Evaluation of <i>Apis mellifera syriaca</i> Levant region honeybee conservation using comparative genome hybridization. Genetica , DOI 10.1007/s10709-016-9897-y.	2016
Nouredine Adjlane, Nizar Haddad . 2016. Effect of Some Honeybee Diseases on Seasonal Mortality of <i>Apis mellifera intermissa</i> in Algeria Apiaries. Proc Zool Soc DOI 10.1007/s12595-016-0188-5	2016

Noureddine ADJLANE N., Nizar Haddad , and Ounesse TAREK. 2016. Effectiveness of Treatments with Thymol in Controlling Varroa Destructor Parasite of the Honey Bee in Algeria. Bulletin of Pure and Applied Sciences. Vol.35 A (Zoology), Issue (No.1) 2016:P.1-7	2016
Adjlane N., Haddad N. 2015. Detection of deformed Wing Virus . The Local Bee Colonies Apis mellifera intermissa in Algeria and its Relationship with Varroa destructor. Mellifera 4-27-28:3-10	2015
de Miranda J., Cornman R., Evans J., Haddad Nizar. , Neumann N, Gauthier L., 2015. Genome characterization, prevalence and distribution of a Macula-like virus from Apis mellifera and Varroa destructor. Viruses 7(7):3586-3602.	2015
Haddad Nizar. , Al-tellawi A., Noureddine A., Khoury F., Quddoumi S. 2015. Diagnosis of Paenibacillus larvae Honeybees Disease in Jordan Using Microbiological and Chemicals Techniques. Asian Journal of Animal Sciences. 1-12. DOI: 10.3923/ajas.2015.	2015
Haddad Nizar. 2015. Mitochondrial genome of the Levant Region honeybee, Apis mellifera syriaca (Hymenoptera: Apidae). Mitochondrial DNA Journal. doi:10.3109/19401736. 2014.1003846.	2015
Haddad Nizar , Wahida Loucif-Ayad, Adjlane Noureddine, Deepti Saini, Rushiraj Manchiganti, Venkatesh Krishnamurthy, Banan AlShagoor , Ahmed Mahmud Batainh , Raja Mugasimangalam. 2015. Draft genome sequence of the Algerian bee Apis mellifera intermissa. Genomics Data. 02/2015; 13.	2015
Haddad Nizar , Batainh Ahmed , Migdadi Osama , Deepti Saini, Venkatesh Krishnamurthy, Sriram Parameswaran , Alhamuri Zaid. 2015. Next generation sequencing of Apis mellifera syriaca identifies genes for Varroa resistance and beneficial bee keeping traits. Insect Science DOI: 10.1111/1744-7917.12205	2015
Nizar Jamal Haddad , Adjlane Noureddine, Banan Al-Shagour , Wahida Loucif-Ayad, Mogbel A. A. El-Niweiri, Eman Anaswah , Wafaa Abu Hammour, Dany El-Obeid, Albaba Imad, Mohamed A. Shebl, Abdulhusien Sehen Almaleky, Abdullah Nasher, Nagara Walid, Mohamed Fouad Bergigui, Orlando Yanez and Joachim R. de Miranda. 2015. Distribution and variability of deformed wing virus of honeybees (Apis mellifera) in the Middle East and North Africa. Insect Science (2015) 00, 1–11, DOI 10.1111/1744-7917.12277	2015

Nizar Haddad , Nouredine Adjlane, Wahida Loucif-Ayad, Mohamed A. Shebl, Muna Saba , Imad Albaba, Dany El-Obeid, Montasir Sabah, Matteo Giusti, and Antonio Felicioli. 2015. Presence and infestation rate of <i>Senotainia tricuspis</i> (Meigen) (Diptera, Sarcophagidae) on honey bees in the Mediterranean Region. Journal of Apicultural Research Vol. 54 , Iss. 2,2015, pp. 121–122.DOI: 10.1080/00218839.2015.1099988	2015
Adjlane N; Haddad Nizar , 2014. Recherche De <i>Paenibacillus Larvae</i> Dans Différents Composants De La Ruche. Rev.Microbiol. Ind. San et Environn , 8(1) :89-98.	2014
Adjlane N; Haddad Nizar , Karima Laid; A, Saida K; - Moussaoui D. 2014. Physicochemical and Microbiological Characteristics of some Samples of Honey Produced by Beekeepers in Algeria, <i>Acta Technologica Agriculturae</i> , 17(1) : 1-5.	2014
Adjlane N; Haddad Nizar ,Kechih, S. 2014.Comparative Study Between Techniques for the Diagnosis of American Foulbrood (<i>Paenibacillus Larvae</i>) in Honeybee Colony. Journal of Animal and Veterinary Advances . 13(16): 970-973.	2014
Andreas Wallberg, Fan Han, Gustaf Wellhagen, Bjørn Dahle, Masakado Kawata, Nizar Haddad , Zilá Luz Paulino Simões, Mike H Allsopp, Irfan Kandemir, Pilar De la Rúa, Christian W Pirk, Matthew T Webster. 2014. A worldwide survey of genome sequence variation provides insight into the evolutionary history of the honeybee <i>Apis mellifera</i> . Nature Genetics . doi:10.1038/ng.3077.	2014
Haddad Nizar . 2014. First Detection of <i>Nosema ceranae</i> in Jordan. <i>European Scientific Journal</i> . 10(35): 91-96.	2014
HaddadNizar , Albaba I. 2014. Example of some Middle East and North African countries quarantine requirements for the import of honey bees. The Bee health and veterinarians. Examples of regional and national regulations . Chapter 3. 24.– Standards and regulations. P 285-289.	2014
Peng Hu, Zhi-Xiang Lu, Nizar Haddad , Adjlane Nouredine, Wahida Loucif-Ayad, Yong-Zhi Wang, Ren-Bin Zhao, Ai-Ling Zhang, Xin Guan, Hai-Xi Zhang, Hua Niu. 2014. Complete mitochondrial genome of the Algerian honeybee, <i>Apis mellifera intermissa</i> (Hymenoptera: Apidae). Mitochondrial DNA Journal . DOI: 10.3109/19401736.	2014

Shammout A, Haddad Nizar , Abuobeid O. 2014. The Monetary Value of Ecosystem Services Provided by Insects, "A case study for selected crops in Jordan". Jordan Journal of Agricultural Sciences . 10(1): 16-33.	2014
Adjlane N, A; Haddad Nizar . 2013. The first data on hygienic behavior of <i>Apis mellifera intermissa</i> in Algeria. Journal of Biology and Earth Sciences , Vol. 201(4):1-5.	2013
Adjlane N; Haddad Nizar , O. Tarek. 2013. Evaluation of the efficacy of different acaricides against <i>Varroa destructor</i> on <i>Apis mellifera intermissa</i> in Algeria, Acarina ; Vol. 21(2):141-146.	2013
Adjlane N, Ameer k. , Lecksir N., Ghdarabi N., Haddad Nizar . 2013. Detection of <i>Paenibacillus</i> larvae Spores in Honey Samples from Beekeepers of the Central Region of Algeria. Journal of Microbiology, Biotechnology and Food Sciences . 3 (1) 81-83.	2013
N. Adjlane, N. Chahbar, A. Maidi, S. Doumandji, Haddad Nizar . 2013 Scientific note on side effects of oxalic acid on the worker bee (<i>Apis mellifera</i>): Journal of Materials and Environmental Science . 4 (4) 420-423	2013
Nizar Haddad and Jürgen Tautz. HOBOS -2013. Honey Bee Online Studies. A Tool for Education and Cross Cultural Dialogue, Bee World Journal . pp 101-10.	2013
Haddad Nizar , AzzedineChefrour, Moath Algharibeh , WahidaLoucif-Ayad. 2013. First detection of Deformed Wing Virus of honeybees in Algeria. Phytoparasitica . 4(4) 445-447.	2013
Adjlane N, Saliha K., Doumandji SE, Haddad Nizar . 2012. Survey of American Foulbrood in Mid-Northern Region of Algeria. Uludag Bee Journal August. 12(3): 98-105	2012
Adjlane N, Doumandji SE, Haddad Nizar , 2012. Situation of beekeeping in Algeria: factors threatening the survival of local bee colonies <i>Apis mellifera intermissa</i> . Cahier Agriculture . vol. 21, p 235-241.	2012
N. Adjlane, S. Doumandji SE, Haddad Nizar , 2012. The Prevalence of Nosemosis in <i>Apis mellifera intermissa</i> honey bee colonies in the Mediterranean region of Algeria. Lebanese Science Journal . 13 (1): 65-73.	2012
Haddad Nizar , 2011. Bee losses and Colony Collapse Disorder in the Middle East. UludagBee Journal . Volume. 11 (1): pp17-24.	2011

Robin F.A. Moritz, Haddad Nizar , Ahmed Bataineh , Benny Shalmón, Abraham Hefetz. 2010. Invasion of the dwarf honeybee <i>Apis florea</i> into the near East. Biological Invasions . 12:1093-1099.	2010
Haddad .N.J , Fuchs S, Hepburn R, Radloff S. 2009. <i>Apis florea</i> in Jordan: source of the founder population. Apidologie . Published on line May 2009, www.apidologie.org.	2009
Haddad.N.J , Meixner M, Fuchs S, Migdadi H, Sheppard W. 2009. Mitochondrial DNA variation in honeybees from Jordan. The Journal of Apicultural Research and Bee World , 48(1): 19-22.	2009
Haddad.N.J. Brake M., Megdade, H. , De Meranda J., 2008. The First Detection of Honeybee Viral Diseases in Jordan using the PCR. Jordan Journal of Agricultural Sciences . 4(30) 57-61.	2008
Haddad.N.J. , De Meranda J, Bataeneh A. , 2008. The discovery of <i>Apis Florea</i> in Jordan, .Journal of Apicultural Research and Bee World . 47(2):172-173.	2008
Haddad.N.J. , Esser J. , Neumann P. 2008. Association of <i>Cryptophagus hexagonalis (Coleoptera: Cryptophagidae)</i> with honey bee colonies (<i>Apis mellifera</i>). Journal of Apicultural Research and Bee World . 47(3):190-191.	2008
Haddad, N , 2007. Alkane composition variations between darker and lighter colored comb beeswax. Apidologie , 38: 453 – 461.	2007
Haddad N, Hussein Migdadi , Jay Evans J, Jeff Pettis J. 2007. Genetic structure of Varroa mite populations in <i>A. mellifera syriaca</i> . Advances in Environmental Biology , 1(1): 1-3.	2007
Haddad, N. , J, Dvorak.L. Adwan.O. Mdanat.H. Bataynah. 2007. New data on Vespidae wasp fauna of Jordan (<i>H.Vespidae</i>) . Linzer Biol. Beitr. 39 (1): 137-142.	2007
Haddad,N. , Fuchs.S, Kopeke. J, Haddaden. 2005. Recording of <i>Sphecophaga vesparum</i> Curtis, a natural enemy of the <i>Vespa orientalis</i> in the northern part of Jordan. Middle East Journal of Zoology , 35: 114 -116.	2005
Haddad, N. 2004. Honeybee agrobiodiversity : a project in conservation of <i>Apis mellifera syriaca</i> in Jordan. Uludag Bee Journal , 3: 116-120.	2004
Kotlyarova O.G., HaddadNizar , Kotlyarova E.G. 2002. Productivity and fodder qualities of red clover in dependence on soil tillage and fertilizers on slopes. The Reports of Russian Academe of Agricultural Science . Number 3. Page 24-26.	2002

Kotlyarova O.G., HaddadNizar , Kotlyarova E.G. 2002. Honey productivity of red clover and the influence of the fertilizers and cultivation on the honey quality and quantity. The bimonthly book of the Russian Academe of Agricultural Science . Number 3. Page 33- 35.	2002
Biodiversity Research Directorate Publications	
Dr,Khalid Abulaila/Conservation BiologistDirector of Biodiversity .National Agricultural Research Center (NARC), "The Black Book of Invasive Alien Plant Species of Jordan"	
Saifan, S., Dura, S. and Shibli, R. 2017. eco-geographic distribution and molecular diversity of wild Akkob (<i>Gundelia tournifortii</i> L.) in Jordan. Acta Hortc. 1171, (accepted).	2017
Saifan, S., Duwayri, M. and Alali, F. 2017. Diversity and seasonal variation of essential oils for wild <i>Coridothymus capitatus</i> (L.) Reichenb. fil using GC-MS technique. Acta Hortc. 1171, (accepted).	2017
Saifan, S., Duwayri, M. and Alali, F. (2017). Assessment Phenotypic Diversity of Wild Aromatic Plant <i>Coridothymus capitatus</i> (L.) Reichenb. Jordan Journal of Agricultural Sciences , Vol 13 (2).	2017
J. Magos Brehm, S. Saifan , H. Taifour, K. Abu Laila , A. Al-Assaf, A. Al-Oqlah, F. Al-Sheyab , R. Bani-Hani, S. Ghazanfar, N. Haddad, R. Shibli, T. Abu Taleb, B. Bint Ali, and N. Maxted.2016. Crop Wild Relatives ; a Priority in Jordan? developing a national strategy for the conservation of plant diversity in Jordan using a participatory approach. (2016). CAB International; Enhancing Crop Genepool Use: Capturing Wild Relative and Landrace Diversity for Crop Improvement (eds N. Maxted, M. Ehsan Dulloo and B.V. Ford-Lloyd). Pages : 172-188. ISBN-13: 978 1 78064 613 8	2016
Al-Rifae, M. K. 2015. Adaptation of winter crops for summer cultivation and salinity stresses in Mediterranean region: selection for double-cropping and crop rotation. Advances in Environmental Biology Journal , 9(3): 163- 166..	2015
Nasab Al-Rawashdeh and Fawzi Al-Sheyab . 2014. Fatty Acids Pattern Of Olive Oil Under Organic Farming. American Journal of Environmental Science , 10 (2):123-128 .	2014
Nasab Qasem AlRawashdeha , Ibrahim Mohammad AlRawashdehb, Auhoud Micheal Hourni,C. 2013. Fatty Acid comparison between Oil of <i>Moringa Peregrina</i> and <i>Oleauropea</i> . <i>The Journal of Ethnobiology and Traditional Medicine. Photon</i> 118 (2013) 264-268.	2013
Abulaila, K.M. 2012. Orchid conservation in the desert. The Orchid Review , 120: 1299.	2012

Maha Syouf and Nizar Haddad. 2012. Utilization of Forest Biodiversity: Rewards of <i>Ceratonia siliqua</i> L. for <i>Apis mellifera</i> (Honeybee). Uludag. Bee. Journal. 12(2):62-67.	2012
Khaled W. Nazzal, Rida A. Shibli, Ibrahim M. Makhadmeh and Maha Q. Syouf. 2011. Amplified Fragment Length Polymorphism (AFLP) Analysis in <i>Crocus spp</i> .Collected from Northern Jordan. Jordan Journal of Agricultural Sciences, 7 (1):1-8.	2011
Al-Dabbas, M. M.; Ahmadi, R.; Ajo, R. Y.; AbuLaila, K.; AKASH, M. AND AL-ISMAIL, K. 2010. Chemical composition and oil components in seeds of <i>Moringa peregrina</i> (Forssk) Fiori. Crop Res. 40 (1, 2 & 3) : 161-167.	2010
Al-Rifae, M. K., Haddad, N. Aburjai, T. 2010. Domestication of wild <i>Hypericum triquetrifolium</i> populations under semi-arid environment of Jordan: Cultivation potential and breeding perspectives. Journal of Herbs, Spices and Medicinal Plants, 16 (1), 51-62.	2010
Baghdadi S.H., R.A. Shibli, Maha.Q. Syouf, M.A. Shatnawai, A. Arabiat, I.M. Makhadmeh. 2010. Cryopreservation by encapsulation-vitrification of embryogenic callus of wild <i>Crocus (Crocus hyemalis</i> and <i>Crocus moabiticus</i>) (Research Note). <i>Jordan Journal of Agricultural sciences</i> . 6(3):436-443.	2010
Hani M. Saoub, Nasri. I. Haddad. Monther T. Sadde and Maha Syouf. 2010. Morphological and molecular characterization of wild lentil collected from Jordan. Crop Res. (1,2&3): 50-61	2010
Ibrahim M. Rawashdeh, Nasab Q. Rawashdeh, Nasri I Haddad and Ahmed Amri. 2010. Molecular Analysis of Jordanian Wheat Landraces, Improved Cultivars and <i>T. dicoccoides</i> by using RAPD Technique. <i>Jordan Journal of Agricultural Sciences</i> , 6(4): 548-559.	2010
Saifan S. Duwayri, M., Alali, F. 2010. Genetic diversity, conservation, and cultivation potential of <i>Coridothymus capitatus</i> (L.) Reichenb. fil. in Jordan. Pharmacognosy magazine, 6(22): S170.	2010
Al-Rifae, M. K., Haddad, N. Aburjai, T. 2009. Status of diversity and conservation of <i>Hypericum triquetrifolium</i> (Guttiferae) in Jordan. Crop Research Journal, 37(1, 2 & 3): 255-256.	2009
Ibrahim Rawashdeh, Abudel Latif Ghzawi, Nasab Q. Rawashdeh, Kamal Khairallh, Abdel Rahman Al-Tawaha and Bannur Salama. 2009. Genetic Variation among Sumac (<i>Rhus Coriaria</i> L.) Samples Collected from Three Locations in Jordan as Revealed by AFLP Markers. <i>Advances in Environmental Biology</i> , 3(1): 107-112.	2009

Ibrahim Rawashdeh , Ahmed Amri Nasab Q. Rawashdeh and Muhanad Walid Akash. 2009. Identification of Date Palm Varieties in Jordan Using Amplified Fragment Length Polymorphism (AFLP) Markers. Dirast, Journal. Agricultural sciences , 37(1), 29-35.	2009
Ibrahim Rawashdeh , Nasab Q. Rawashdeh , Abdel Nabi Fardous Ahmed Amri and Saleh Shdaifat . 2009. Genetic relatedness among olive varieties and Romanian trees using amplified fragment length polymorphism (AFLP) markers. Advances in environmental biology , 3(1):101-106	2009
Shibli, R.A., S. Baghdadi, Maha. Syouf , M. Shatnawai, A. Arabiat and I. Makhadmeh. 2009. Cryopreservation by Encapsulation-dehydration of Embryogenic Callus of Wild Crocus (<i>Crocus hyemalis</i> and <i>Crocus moabiticus</i>). Acta Horticulturae . 829:197-203.	2009
Syouf Maha. , Gharaibeh M. , Shibli R., and Alali, F., 2008. Study of Genetic Diversity in <i>Crocus hyemalis</i> Boiss. & Blanche using RAPD Techniques. Jordan Journal of Agricultural Sciences .4: 231-241.	2008
Al-Rifae , M.K. , Al-Yassin , A., Haddad, N., and Al-Tawaha, A. 2007. Evaluation of chickpea breeding lines by examining their responses to sowing date at two mediterranean climatic locations. American-Eurasian Journal of Sustainable Agriculture , 1(1), 19-24	2007
Feras Q. Alali; Khaled Tawaha; Tamam El-Elimat; Maha Syouf ; Mosa El-Fayad ; Khaled Abulaila ; Samara Joy Nielsen; William D. Wheaton; Joseph O. Falkinham III and Nicholas H. Oberlies. 2007 Antioxidant activity and total phenolic content of aqueous and methanolic extracts of Jordanian plants: an ICBG project. Natural Product Research , 21(12) :1121-1131.	2007
Nasri I. Haddad, Hani M. Saoub, Munther Sader and Maha Syouf . 2007, Diversity status of lentil (<i>Lens culinaris</i> Medic.) landraces collected from Jordan. Crop Res. 34 (1, 2 & 3) : 103- 109	2007
Rawashdeh N. , Haddad N., Al-Ajlouni M. and Turk M. 2007. Phenotypic diversity of durum wheat (<i>Triticum durum</i> Desf.) from Jordan, Genetic Resources and Crop Evolution , 54:129–138	2007
Al -Syouf Maha. , B. Abu-Irmaileh , J. Valkoun and S. Bdour. 2006. Introgression from Wheat landraces in <i>Triticum dicoccoides</i> in Jordan. <i>Genetic resources and Crop evolution Journal</i> . 53: 1165-1172	2006

Al-Rifae, M.K , Tawaha, A., and Ismael, F. (2005), Doubling chickpea yield by shifting from spring to winter sowing using Ascochyta blight resistant lines under typical Mediterranean climate. Bioscience Research , 2(2): 80-85.	2005
Tawaha, A. R., Turk, M. A., Lee, K. D., Supanjani, S., Nikus, O., Al-Rifae, M. K. , Sen, R. .2005. Awnless barley response to Crop Management under Jordanian Environment. Bioscience Research , 2(3), 125-129.	2005
Al-Rifae, M.K. , Turk, M.A, and Tawaha, A. 2004. Effect of seed size and plant population density on yield and yield components of local faba bean (<i>Vicia faba</i> L. major). International Journal of Agriculture and Biology , 6(2): 294-299.	2004
Turk, M.A., Tawaha, A., Nikus, O., and Al-Rifae, M.K. 2003. Response of six-row barley to seeding rate with or without ethrel spray in the absence of moisture stress. International Journal of Agriculture and Biolog , 5(4), 432-434.	2003
Turk, M.A., Tawaha, A., Nikus, O., and Al-Rifae, M.K. 2003. Impact of cultural practices on yield variability of semiarid wall barley (<i>Hordeum murineum</i> L.). International Journal of Agriculture and Biology , 5(4):416-418.	2003
Biotechnology Research Directorate Publications	
M Alzahrani, IA Alaraidh, MA Khan, HM Migdadi , SS Alghamdi. 2019. Identification and Characterization of Salt- Responsive MicroRNAs in <i>Vicia faba</i> by High-Throughput Sequencing. Genes , 10(4), 303	2019
ME El-Mahrouk, AR El-Shereif, YH Dewir, YM Hafez, Kh A Abdelaal, S El-Hendawy, H Migdadi , RS Al-Obeed. 2019. Micropropagation of Banana: Reversion, Rooting, and Acclimatization of Hyperhydric Shoots. HortScience , 54 (8), 1384-1390	2019
MA Khan, SS Alghamdi, MH Ammar, Q Sun, FTeng, HM Migdadi . 2019. Transcriptome profiling of faba bean (<i>Vicia faba</i> L.) drought-tolerant variety hassawi-2 under drought stress using RNA sequencing. Electronic Journal of Biotechnology , 39, 15-29.	2019

SM Alzahrani, IA Alaraidh, H Migdadi , S Alghamdi, MA Khan, P Ahmad.2019. Physiological, biochemical, and antioxidant properties of two genotypes of Vicia faba grown under salinity stress. Pak. J. Bot , 51 (3), 786-798	2019
SS Alghamdi, EH El-Harty, MA Khan, HM Migdadi , M Farooq.2019. Grain Yield, Nutritional Composition and Anti-Nutritional Factors of Cowpea Genotypes in Dry Environments of Saudi Arabia. INTERNATIONAL JOURNAL OF AGRICULTURE AND BIOLOGY 21 (6),1137-1146	2019
SS Alghamdi, MA Khan, HM Migdadi , EH El-Harty, M Afzal, M Farooq. 2019. Biochemical and molecular characterization of cowpea landraces using seed storage proteins and SRAP marker patterns. Saudi journal of biological sciences , 26 (1),74-82.	2019
SS Alghamdi, MA Khan, HM Migdadi , EH El-Harty, M Afzal, M Farooq. 2019. Biochemical and molecular characterization of cowpea landraces using seed storage proteins and SRAP marker patterns. Saudi journal of biological sciences , 26 (1),74-8	2019
Muhammad Afzal, Salem S. Alghamdi, Hussein M. Migdadi , Muhammad Altaf Khan and Muhammad Farooq. 2018. Morphological and Molecular Genetic Diversity Analysis of Chickpea Genotypes. International Journal of Agriculture & Biology . 20: 1062–1070.	2018
Najla Alshaye, Hussein Migdadi , Asma Charbaji, Shatha Alsayegh, Shaza Daoud, Wala AL-Anazi, Salem Alghamdi. 2018. Genetic variation among Saudi tomato (Solanum lycopersicum L.) landraces studied using SDS-PAGE and SRAP markers. Saudi Journal of Biological Sciences , 25 (2018) 1007-1015.	2018
Nurmansyah, Salem S. Alghamdi, Hussein M. Migdadi & Muhammad Farooq. 2018. Morphological and chromosomal abnormalities in gamma radiation-induced mutagenized faba bean genotypes. International Journal of Radiation Biology . 94(2):174-185	2018
S Alghamdi, H Migdadi , M Khan, E El-Harty, M Ammar, M Farooq. 2018. Phytochemical Profiling of Soybean (Glycine max (L.) Merr.) Genotypes Using GC-MS Analysis. Phytochemicals-Source of Antioxidants and Role in Disease Prevention.	2018
Salem S Alghamdi, Muhammad A Khan, Ehab H El-Harty, Megahed H Ammar, Muhammad Farooq, Hussein M Migdadi . 2018. Comparative phytochemical profiling of different soybean (Glycine max (L.) Merr) genotypes using GC–MS. Saudi Journal of Biological Sciences . 25(1): 15-21	2018

Abdullah A. Abood, Abdullah M. Al-Ansari, Hussein M. Migdadi , Mohammad K. Okla, Abdulaziz M. Assaeed, Ahmad K. Hegazy, Aref M. Alshameri, Mohamad Altaf Khan. 2017. Molecular and phytochemical analysis of wild type and olive cultivars grown under Saudi Arabian environment. 3Biotech , 7:289	2017
Abdulaziz M Assaeed, Sulieman A. Al-Faifi, Hussein Migdadi , Magdy I. El-Bana, Abdulaziz A. Al Qarawi, Mohamad Altaf Khan. 2017. Evaluation of Genetic Diversity of Panicum turgidum Forssk from Saudi Arabia. Saudi Journal of Biological Sciences . dx.doi.org/10.1016/2j.sjbs.2017.04.002.	2017
Bazel H. Ali AL- somain, Hussein M. Migdadi , Sulieman A. Al-Faifi Salem S. Alghamdi Abdulmalek A. Muharram Nabil A. Mohammed Yahya A. Refay. 2017. Assessment of genetic diversity of sesame accessions collected from different ecological regions using sequence-related amplified polymorphism markers. 3Biotech 7(82) · DOI: 10.1007/s13205-017-0680-2	2017
Mohammad Brake, Hussein Migdadi , Hassan R. Hamasha, Ashraf Khashroum, Moath Al-Gharaibeh , Muien M Qaryouti , Mahmoud T. AL-Khatib . 2017. Influence of Storage Temperature and Duration of Tomato Leaf Samples on Proline Content. European Scientific Journal 13(6). DOI: 10.19044/esj.2017.v13n6p116	2017
Muhammad Farooq, Nirmali Gogoi , Mubshar Hussain , Sharmistha Barthakur, Sreyashi Paul, Nandita Bharadwaj, Hussein M. Migdadi , Salem S. Alghamdi, Kadambot H.M. Siddique. 2017. Effects, tolerance mechanisms and management of salt stress in grain legumes. Plant Physiology and Biochemistry , 118:199e217	2017
Salah Elsayed, Mohamed Elhoweity, Hazem H. Ibrahim, Yaser Hassan Dewir, Hussein M. Migdadi , Urs Schmidhalter. 2017. Thermal imaging and passive reflectance sensing to estimate the water status and grain yield of wheat under different irrigation regimes. Agricultural Water Management 189: 98–110.	2017
Salem S Alghamdi, Sulieman A. Al-Faifi, Hussein Migdadi , Muhammad Farooq, Ehab EL-Harty, Saud L. Al-Rowaily. 2017. Genetic diversity and field performance of mung bean, faba bean and lentil genotypes in the Kingdom of Saudi Arabia. International Journal of Agriculture and Biology . DOI: 10.17957/IJAB/15.0336.	2017

Salem S Alghamdi, Sulieman A. Al-Faifi, Hussein Migdadi , Muhammad Farooq, Ehab EL-Harty, Saud L. Al-Rowaily. 2017. Morphological and Genetic Diversity of Cereal Genotypes in Kingdom of Saudi Arabia. International Journal of Agriculture and Biology . DOI: 10.17957/IJAB/15.0307	2017
Khan MA, Ammar MH, Migdadi HM , El-Harty EH, Alfaifi SA, Farooq M and Alghamdi SS .2016. Field performance and genetic diversity of chickpea genotypes. International Journal of Agriculture and Biology , doi: 10.17957/IJAB/15.0151	2016
Megahed H. Ammar, Altaf M. Khan, Hussein M. Migdadi , Samah M. Abdelkhalek , Salem S. Alghamdi. 2016. Faba Bean Drought Responsive Genes Identification and Validation. Saudi Journal of Biological Sciences · DOI: 10.1016/j.sjbs.2016.05.011	2016
Migdadi H. M. , E. H. El-Harty, A. Salamh and M. A. Khan. 2016. Yield And Proline Content Of Faba Bean Genotypes Under Water Stress Treatments. The Journal of Animal & Plant Sciences , 26(6):1772-1779	2016
Sulieman A Alfaifi , Hussein M Migdadi , Muhammad A Khan , ·Jernej Jakse · Megahed H Ammar · Ehab H El-Harty · Mohammad I Althamrah · Muhammad Afzal · Muhammad M Javed · Salem S Alghamdi .2016. Development, characterization and use of genomic SSR markers for assessment of genetic diversity in some Saudi date palm (Phoenix dactylifera L.) cultivars. Electronic Journal of Biotechnology . 21: 18–25.	2016
Hamzeh Lafia, Lum Al Bannab, Monther T. Sadder, Hussein M. Migdadi . 2015. Morphological and morphometrical analysis of Heterodera spp. populations in Jordan. Saudi Journal of Biological Sciences . doi:10.1016/ j.sjbs .2015 . 02.007	2015
Megahed H. Ammar, Hussein M. Migdadi , , Muhammad A. Khan, Ehab H. El-Harty, Sulieman A. Al-Faifi, Salem S. Alghamdi . 2015. Assessment of genetic diversity among faba bean genotypes using agro-morphological and molecular markers. Saudi Journal of Biological Sciences .doi:10.1016/j.sjbs.2015.02.005	2015
Muhammad Altaf Khan , Megahed H. Ammar, Hussein M. Migdadi , Ehab H. El-Harty , Magdi A. Osman , Muhammad Farooq and Salem S. Alghamdi. 2015. Comparative Nutritional Profiles of Various Faba Bean and Chickpea Genotypes. International Journal of Agriculture and Biology . 17(3). Doi:10.17957/ ijab/17.3.14.990	2015

Sadder M.T., Migdadi H.M. , Al-Haidary.I. , Okab A.B.2015. Identification of simple sequence repeats markers in the dromedary (<i>Camelus dromedarius</i>) genome by next generation sequencing. Turkish Journal of Veterinary and Animal Sci. 39(2):218-228.	2015
Sadder M.T. Migdadi H.M. · Zakri A.M. · Abdoun K.A. · Samara E.M. · Okab A.B. · Al-Haidary A.A.2015. Expression analysis of heat shock proteins in dromedary camel (<i>Camelus dromedarius</i>). Journal of Camel Practice and Research. Journal of Camel Practice and Research. 22(1):19-24.	2015
Sulieman A Alfaifi · Muhammad A Khan · Hussein M Migdadi ·Jernej Jakse · Megahed H Ammar · Ehab H El-Harty · Mohammad I Althamrah · Muhammad Afzal · Muhammad M Javed · Salem S Alghamdi .2015.Analysis of ESTs from the date palm (<i>Phoenix dactylifera</i> L.) cv. Sukary, an elite variety. Plant Omics. 8(5):441-448.	2015
Alghamdi S. S., Al-Shameri A. M., H. M. Migdadi , M. H. Ammar, E. H. El-Harty, M. A. Khan, M. Farooq. 2014. Physiological and Molecular Characterization of Faba bean (<i>Vicia faba</i> L.) Genotypes for Adaptation to Drought Stress. J Agro Crop Sci , (2014) ISSN 0931-2250	2014
Alattal Yehya, Alsharhi Mohamad, Alghamdi Ahmad, Sulieman A. Al-Faifi, Migdadi Hussien , Ansari Mohammad. 2014. Characterization of the native honey bee subspecies in Saudi Arabia using the mtDNA COI–COII intergenic region and morphometric characteristics. Bulletin of Insectology , 67 (1): 31-37.	2014
Ammar M. H., F. Anwar , El-Harty E. H., Migdadi H. M. , S. M. Abdel-Khalik, S. A. Al-Faifi ,M. Farooq, S. S. Alghamdi. 2014. Physiological and Yield Responses of Faba bean (<i>Vicia faba</i> L.) to Drought Stress in Managed and Open Field Environments. J Agro Crop Sci (2014) ISSN 0931-2250.	2014
Brake Mohammad, Migdadi Hussein, Moath Al-Gharaibehc, Salam Ayoub, Nizar Haddad , Ahmad El Oqlah. 2014. Characterization of Jordanian olive cultivars (<i>Olea europaea</i> L.) using RAPD and ISSR molecular markers. Scientia Horticulturae. 176:282–289	2014
Salem S. Alghamdi, Muhammad Altaf. Khan, Megahed H. Ammar, Ehab H. El-Harty, Hussein M. Migdadi , Samah M. Abd El-Khalik, Muhammad M. Javed, Sulieman A. Al-Faifi. 2014. Phenological, Nutritional and Molecular Diversity Assessment among 35 Introduced Lentil (<i>Lens culinaris</i> Medik.) Genotypes Grown in Saudi Arabia. Int. J. Mol. Sci. 15(1), 277-295; doi:10.3390/ijms15010277	2014

Abdullah A. Al-Doss, Abdelhalim I. Ghazy, Abd El-azeem K. Salem , Hussein M. Migdadi and Sulieman A. Al-Faifi. 2013. Identification and Distribution of ALS resistant <i>Lolium rigidum</i> populations in Saudi Arabia. Journal of Food, Agriculture & Environment-JFAE . Vol.11 (3&4): 1311-1314.	2013
Mohammad S. Jawarneh, Mohammad H. Brake, Riyadh Muhaidat, Hussein M. Migdadi , Jamil N. Lahham and Ahmad Ali El-Oqlah. 2013. Characterization of <i>Quercus</i> species distributed in Jordan using morphological and molecular markers. African Journal of Biotechnology . 12(12) , 1326-1334	2013
Sulieman A. Al-Faifi , Hussein M. Migdadi , Abedallah Al-doss , Megahed H. Ammar , Ehab H. El-Harty , Muhammad Altaf. Khan , Javed Matlob. 2013. Muhammad A and Salem S. Alghamdi. 2013. Morphological and molecular genetic variability analyses of Saudi lucerne (<i>Medicago sativa</i> L.) landraces. Crop and Pasture Science 64(2) 137-146	2013
AL-Khatib, Mahmoud, Mohammad Brake, Muien Qaryouti , Khalaf Alhussaen and Hussein Migdadi . 2012. Response of Jordanian Tomato Land Races to <i>Fusarium oxysporum</i> F. sp. <i>Lycopersici</i> . Asian J. Plant Pathology . DOI.10.3923/ajppaj.	2012
Alghamdi, Salem S. Hussein M. Migdadi , Megahed H. Ammar, Jeffrey G. Paull, Siddique K. 2012. Faba bean genomics: current status and future prospects. Euphytica , DOI 10.1007/s10681-012-0658-4.	2012
Alghamdi, Salem S., Sulieman Al-Faifi, Hussein M. Migdadi , Muhammad Altaf Khan, Ehab EL-Harty, Megahed H. Ammar. 2012. Molecular diversity assessment using Sequence Related Amplified Polymorphism (SRAP) markers in <i>Vicia faba</i> . Int. J. Mol. Sci. 13(12), 16457-16471; doi:10.3390/ijms131216457.	2012
Al-Ramamneh E. Al-Dein, Dura,S., and Daradkeh,N. 2012. Propagation physiology of <i>Juniperus phoenicea</i> L. from Jordan using seeds and in vitro culture techniques, Baseline information for a conservation perspective. African Journal of biotechnology , 11(30): 7684-7692.	2012
Dawabah Ahmed A.M., Al-Hazmi Ahmad, Soloiman S., Al-Rehiayani, M. Ahmed L. Abdel-Mawgood, Mohamed I. Motawei, Soleman Al-Otayk, Monther T. Sadder, Abdallah M. Elgorban, Migdadi Hussein M. , Khaled A. Moustafa and Abdullah A. Al-Doss .2012. Morphological and molecular characterization of cereal cyst nematode (<i>Heterodera avenae</i>) populations from arid environments. Australian J. Crop Science 6(6):970-979)	2012

Dua'a Almajali , Adel H. Abdel-Ghani, Hussein Migdadi . 2012. Evaluation of genetic diversity among Jordanian fig germplasm accessions by morphological traits and ISSR markers. Scientia Horticulturae . 147(12):8–19.	2012
Lana Waleed Al- Qadumii , Monther Al- Sadder, Hussein Migdadi .2012. Assessment of In-Silico BAC-based SSR marker development for Tomato (<i>Solanum Lycopersicum.L</i>). African journal of Biotechnology . 11(75), 13938-13946	2012
Iyad Musallam , M. Duwayri, R. Shibli, F. Alali. 2012 . Investigation of Rutin Content in Different Plant Parts of Wild Caper (<i>Capparis spinosa L.</i>) Populations from Jordan. Research Journal of Medicinal Plant , 6 (1) : 27-36.	2012
Iyad Musallam , M. Duwayri, R. Shibli, F. Alali. 2012. Investigation of Rutin Content in Different Plant Parts of Wild Caper (<i>Capparis spinosa L.</i>) Populations from Jordan. Research Journal of Medicinal Plant , 6 (1) : 27-36.	2012
Alghamdi SS, Al-Faifi SA, Migdadi H. M , Ammar MH, Siddique K (2011) Inter-simple sequence repeat (ISSR)-based diversity assessment among faba bean genotypes. Crop and Pasture Science , 62 (9): 755-760	2011
Alrababah M.A., A.S. Al-Horani, M.N. Alhamad & H. Migdadi . 2011. Genetic diversity of the easternmost fragmented Mediterranean <i>Pinus halepensis</i> Mill. Populations, Plant Ecology DOI 10.1007/s11258-010-9872-0	2011
I. W. Musallam , M. Duwayri, and R. A. Shibli. 2011. Micropropagation of Caper (<i>Capparis spinosa L.</i>) from Wild Plants. Functional Plant Science and Biotechnology , 5: 17-21.	2011
Mansour M.T., D.S. Hassawi, H.M. Migdadi and M. Brake . 2011. Fingerprinting date palm genotypes (<i>Phoenix dactylifera L.</i>) using Inter Simple Sequence Repeat (ISSR) markers. Journal of Genetics & Breeding , 63: 17-22	2011
Alghamdi, S., Al-Faifi S., Ammar M.H., Migdadi H . 2010. Performance of Guar (<i>Cyamopsis tetragoloba (L.) Taub.</i>) at different planting dates and number of cuts. J.Saudi Soc. of Agric. Sci. , Vol. 9 (2). 91-104.	2010
Alghamdi, Salem S., Hussein M. Migdadi , Sulaiman A. Al-fifi and Megahed H.Ammar. 2010. Evaluation of Critical Dose for Mutagenic Treatments of Barley Varieties with N-nitroso-N-methyl Urea (NMU). Environ. We Int. J. Sci. Tech. 5 : 13-25	2010

Shatnawi, M., Al-Fauri, A., Migdadi, H. , Al-Shatnawi, M. K., Shibli, R.A., Abu-Romman, S., Al-Ghzawi, A. 2010. In vitro multiplication of Chrysanthemum morifolium Ramat and its responses to NaCl induced salinity. Jordan Journal of Biological Sciences . 3(3): 101-110.	2010
Ibrahim Makhadmeh, Siham Al-Lozi , Mahmud, Rida A. Shibli and Hussein Migdadi . 2010. Assessment of Genetic Variations in Wild Arum Species from Jordan Using Amplified Fragment Length Polymorphism (AFLP) Markers. Jordan Journal of Agricultural Sciences , Volume 6, No.2, 2010	2010
Awamleh H., Hassawi D., Migdadi H. , Brake M. 2009. Molecular characterization of pomegranate landraces grown in Jordan using Amplified fragment length polymorphism markers. Biotechnology . 8(3): 316-322	2009
Aida Al-Nashash, H. Migdadi , Mohamad A. Shatnawi, H. Saoub and S. Masoud. 2007. Assessment of genetic variation among Jordanian Barely Landraces (<i>Hordeum vulgare</i> L.) as revealed by molecular markers. American-Eurasian J.Agric. & Environ. Sci. ,2(1):68-74.	2007
Duwayri Mahmud, Hussein Migdadi , Monther Sadder, Omar Kaffawin, Ahmed Amri and Miloudi Nachit. 2007. Use of SSR Molecular Technique for Characterizing Naturally Occurring Hybrids of Durum with Wild Wheat. Jordan Journal of Agricultural Science , 3(4): 233-244.	2007
Khasawneh, A., Karam N., Shebli R. and Migdadi H. 2007. Assessment of genetic variation in black iris (<i>Iris nigricans</i> Dinsm.) using RAPD markers. Jordan Journal of Agricultural Sciences . 3(3):241-250.	2007
Lama Shoumali, Hussein Masoud, Hamed Khlaif, Hussein Migdadi and Sameer Masoud. 2007. Serologic and Molecular Characterization of <i>Pseudomonas aeruginosa</i> Jordanian Clinical Isolates Compared with the Strains of International Antigenic Typing Scheme. Diagnostic Microbiology and Infectious Disease . 58(4): 393-398.	2007
Nabila S. Karam , Alaa' A. Al-Khasawneh , Rida A. Shibli, Hussein M. Migdadi , Mohammad Al-Ajlouni . 2007. Morphological variation in black iris (<i>Iris nigricans</i> Dinsm) from Jordan. Plant Genetic Resources Newsletter , 147:12-17	2007
Aida Al-Nashash, H. Migdadi , M. Shatnawi , H. Saoub and S. Masoud. 2006. Assessment of Phenotypic Diversity among Jordanian Barely Landraces (<i>Hordeum vulgare</i> L.). Biotechnology . 6 (2): 232-238.	2006

Aida Al-Nashash, H. Migdadi , H. Saoub and S. Masoud. Evaluation of yields and yields components of Jordanian Barely (<i>Hordeum vulgare</i> L.) Landraces collected from diverse environments. Dirasat. Agricultural Sciences ,	2006
Mohamad A. Shatnawi, Rida A. Shibli, Hussein Migdadi , A.Obeidat, K. Ereifej and Abdalleh M-Abu-Ein. 2006. Influence of Different Carbon Sources on Wild Pear (<i>Pyrus syriaca</i>) Growth and Sugar Uptake. World Journal of Agricultural Sciences . 2 (2): 156-161.	2006
Randa G. Naffa, Salwa Bdour, Hussein M. Migdadi and Asem A. Shehabi. 2006. Enterotoxigenicity and genetic variation among clinical <i>Staphylococcus aureus</i> isolates in Jordan. Journal of Medical Microbiology . 55: 00-00	2006
A. R. M. Al-Tawaha, Munir A. Turk, K. D. Lee, W. J. Zheng, Mohammad Ababneh, Girma Abebe, and, Iyad W. Musallam . 2005. Impact of Fertilizer and Herbicide Application on Performance of Ten Barley Genotypes Grown in Northeastern Part of Jordan. International Journal of Agriculture and Biology , 7 (2):162-166.	2005
I. W. Musallam , G. N. Al-Karaki and K. I. Ereifej. 2004. Chemical Composition of Faba Bean Genotypes Under Rainfed and Irrigation Conditions. International Journal of Agriculture and biology , 6 (2): 359-362.	2004
I. W. Musallam, N. J. Haddad , A. M. Tawaha and O. S. Migdadi. 2004. The Importance of Bee-pollination in Four Genotypes of Faba Bean (<i>Vicia Faba</i> L.). International Journal of Agriculture and biology , 6 (1): 9-12.	2004
I. W. Musallam , G. N. Al-Karaki and K. I. Ereifej. 2004. Yield and Yield Components of Faba Bean Genotypes Under Rainfed and Irrigation Conditions. Asian Journal of Plant Sciences , 3 (4): 439-448	2004
Migdadi, H.M , S.Masoud and Abdel Majid Tell. 2004. Genetic Diversity in Some <i>Aegilops</i> Species in Jordan as Revealed using RAPD. Plant Genetic Resources Newsletter , 139:18-24.	2004
Migdadi, H.M . Abdel Majid Tell and S.Masoud. 2004. Randomly Amplified Polymorphic DNA (RAPD) Analysis of Seven Species of <i>Aegilops</i> . Dirasat. Agricultural Sciences , 31(1):53-59.	2004
Migdadi, H.M , S. Masoud and Abdel Majid Tell. 2003. Performance of Some <i>Aegilops</i> Species under Different Water Regimes. Dirasat. Agricultural Sciences , 30(2):166-177.	2003
Turk, M.A, A.M. Tawaha, H. Taifour, A. Al-Ghzawi, I.W. Musallam , G.A. Maghaireh and Y.I. Al-Omari. 2003. Two Row Barley Response to Plant Density, Date of Seeding, Rate and Application of Phosphorus in Absence of Moisture Stress. Asian Journal of Plant Sciences , 2 (2): 180-183.	2003

Migdai, H. M. Duwairy. 1994. Evaluation of several wheat genotypes derived from cross-utilizing land races cultivars under rainfed condition. Dirasat . 21B, 5:239-255.	1994
Economic and social Studies Research Directorate Publications	
Economic and Financial Assessment of Solar-Powered Irrigation Lana Mousa Abu-Nowar ,Green Economy and Gender Research Department, Economic and Social Studies Research Directorate,National Agricultural Research Center (NARC), Jordan lanabunowar@yahoo.com . Economic and Financial Assessment of Solar-Powered Irrigation <i>Journal of Agricultural Science; Vol. 12, No. 4; 2020</i> <i>ISSN 1916-9752 E-ISSN 1916-9760</i> <i>Published by Canadian Center of Science and Education</i>	2020
Al-Hiary, Masnat, YahyaShakhatreh, YahyaBaniKhalaf, MaysoonAbabneh. 2015. Socioeconomic assessment of wheat varieties and the adoption of recommended technologies in North Jordan, International Journal of Agricultural Sciences , Vol. 5 (7), pp. 864-873.	2015
Akroush, S., Shideed, K.and Bruggeman, A. 2014. Economic analysis and environmental impacts of water harvesting techniques in the low rainfall areas of Jordan , International. Journal of Agricultural Resources, Governance and Ecology , 10(1):34–49.	2014
Akroush, S. 2014. Extant Assessment of Water Harvesting Techniques in the Jordanian Badia : A Minimum Data Approach. Acta Hort. (ISHS), 1054:127-134.	2014
Al-Hairy, Masnat. 2014. Partial Budgeting of the Production of Salt-Tolerant Forages in Azraq and Al-Khaldia Sites in Jordan, American-Eurasian J. Agric. & Environ. Sci. , 14 (7): 594-599,	2014
Al-Hairy, Masnat. 2014. Characterization of the Socioeconomic Conditions, Full Package, and Adoption of New Technologies of Wheat Crop at Irbid Governorate, Jordan, Asian Journal of Agricultural Extension, Economics & Sociology , 3(6): 605-618.	2014
Amani Alassaf1, Doukhi Alhunaiti, Jan Dick and Tayseer Al-Adwan. 2014. Differences in Perceptions, Attitudes, and Use of Ecosystem Services among Diverse Communities in an Arid Region: A Case Study from the South of Jordan. J Hum Ecol. , 45(2): 157-165.	2012

Al-Hairy, Masnat. 2012. Estimation of Post Harvest Losses of Some Fruit Crops in Jordan, Scientific Journal, King Saud University , 24(2): 151-162,	2011
Al-Hairy, Masnat, and Al-Hadidi, Omama. 2011. Sector of Olive Oil Processing Plants Sector in Jordan ... Analytical Study of the Costs and Revenues, Problems and Constraints, Journal of King Abdelaziz University .22(2):	2011

Al-Hairy, Masnat. 2011. The Economic and Social Characteristics of Olive Farmers and the study of the Enterprise Budget of Olive Crop in the Hashemite Kingdom of Jordan. Mu'tah Journal for Research and Studies . 26(7):	2010
Al-Hiary, Masnat, Al Zu'bi, Bashir, Jabarin, Amer. 2010. Assessing Porter's Framework for National Advantage: The Case of Jordanian Agricultural Sector, Jordan Journal of Agricultural Sciences , 6(1):	2010
Al-Hiary, Masnat, Al Zu'bi, Bashir, Jabarin, Amer. 2010. Competitive Capacity Determinants for Jordanian Exports of Selected Fruits and Vegetables in Arab Gulf Markets. Dirasat , 37(1):	2009
Abdel Gani Abdel Latif, Kamel Shideed, Samia Akroush . 2007 .Costs of Livestock Feeding and Watering in the Dry Areas of Jordan : An Application to the Valuation of Water Harvesting. R. J. of Aleppo Univ. Agricultural Science Series No. 63 .	2007
Abdel Gani Abdel Latif, Samia Akroush . 2007.Community Characteristics and Livelihoods of Selected Communities in Jordan Badia. R. J. of Aleppo Univ. Agricultural Science Series, No. 63 .	2004
Nsour, A., A. Al-Qadi . 2004. Estimation of Supply and Demand Functions for Drinking Water in Jordan. <i>Dirasat Journal</i> , 31 (2): 259-267.	2004
Nsour, A., R. Badwan . 2004. Evaluation of the Agricultural Policies for Selected Vegetables and Citrus Crops in Deir Alla Region in Jordan 2004. Dirasat Journal , 31 (1): 88-98.	2003
Nsour, A., A. Al-Qadi . 2003. Specifying Ages of Fruit Trees That Yield Maximum Profit in the High Lands of Jordan. Dirasat Journal . 30 (1): 19-28.	2003
Nsour, A., et al. , 2003. Heavy Metals Content and Soil Fertility in Irrigated Agriculture Deir Alla Area, Jordan Valley. Bulgarain Journal of Agricultural Science , 9: 357-362.	2003
Nsour, A. Al-Qadi . 2002. Analysis of Agricultural policies Affecting Some of Fruit Trees Crops in the High Lands of Jordan. Dirasat Journal , 29 (2): 135-144	2002

**Environment and Climate Change Research Directorate
Publications**

Safa Mazahreh, Doaa Abu Hamoor , Lubna Al Mahasneh. 2018, Runoff Estimation For Algadeer Alabyad Watershed In Jordan Using Rational Method And Geographic Information System . Int. Journal of Engineering Research and Application www.ijera.com ISSN : 2248-9622, 8, Issue 2, (2):01-10.	2018
Safa Mazahreh, Majed Bsoul, Doaa Abu Hamoor. 2018, GIS approach for assessment of land suitability for different land use alternatives in semi arid environment in Jordan: Case study (Al Gadeer Alabyad-Mafraq) . Journal of Information Processing in Agriculture , 2214-3173 https://doi.org/10.1016/j.inpa .	2018
Safa Mazahreh, Mohammad Alkharabsheh, Majed Bsoul, Doaa Abu Hammor, Lubna Al Mahasneh. 2018, Identification and Mapping of Hot Spot area susceptible to soil erosion in Rakalkarak area using geoinformatics. International Journal of Research . 6(6), 246-259,	2018
Safa Mazahreh, Lubna Al Mahasneh, Aktar Ali. 2018, Estimation Of Surface Runoff For Al-Mahalal Catchment's Using SCS Curve Number Method And Geographic Information System Tools Water Assessment In Faa' Catchment's Area Granthaalayah. International Journal of Research . 6 (6), 408-413.	2018
Jawad Taleb Al-Bakri, Areej Al-Khreisat, Sari Shawash, Eman Quryouti, Muna Saba. 2017. Assessment of Remote Sensing Indices for Drought Monitoring in Jordan. Asian Journal of Geoinformatics . Vol.17, No.3.	2017
Mazahreh S, Bsoul M, Ziadat F, Hamoor, D., A. 2017, Participatory Land Suitability Analysis to Identify the Optimum Land Use for a Mountainous Watershed in Jordan: Journal of Environment and Bio Research . Application Vol. 8, Issue 7 (Part -II), pp 41-55.	2017
Field Crops Research Directorate Publications	
Abdallah M. Aldahadha, David Backhouse and Nigel W. M. Warwick. 2019. Comparative Effect of Root Pruning and <i>Pythium irregular e</i> on Water Use Efficiency of Wheat Under Water Stress, World Research Journal of Agricultural Sciences , 6(1): 157-161.	2019

Abdallah M. Aldahadha , Nigel W. M. Warwick, David Backhouse .2019. Water relations and yield of wheat (<i>Triticum aestivum</i> L.) exposed to interactions of drought and fungal root diseases (<i>Rhizoctonia</i> and <i>Pythium</i>), Archives of Agronomy and Soil Science , 65:4, 507-520, DOI: 10.1080/03650340.2018.1511893	2019
Boussios D., P V. Preckel, Y. A. Yigezu, P. Dixit, S. Akroush, H. Cheikh M'hamed, M. Annabi, A. Aw-Hassan, Y.Shakatreh , O. Hadi, A.Al-Abdallat, J. Abu El Enein, and J.Ayad 2019. Modeling Producer Responses with Dynamic Programming: A Case for Adaptive Crop Rotations. Agricultural Economics , 50 : 101–111	2019
Abu Obaid A.M. , Melnyk A.V., Onichko V.I., Ismael F.M. , Al-Abdullah M.J., Al-Rifae M.K. and Tawaha A.M. 2018. Evaluation of six sunflower cultivar for forage productivity under salinity condition. Advances in Environmental Biology . 12(7): 13-15. ISSN-1995-0756 EISSN-1998-1066.	2018
Al-Hajaj, N. , Al-hasanat, I.,Mousa, A., Al-shamaa, K.,and Ceccarelli, S. 2018, Phenotypic diversity of Jordanian wild oat relative <i>avena sterilis</i> using multivariate analysis. Bioscience Research . 15(4), 4279-4291.	2018
Al-Hajaj, N. , Peterson, G. W., Horbach, C., Al-Shamaa, K., Tinker, N. A., & Fu, Y. B. 2018, Genotyping-by-sequencing empowered genetic diversity analysis of Jordanian oat wild relative <i>Avena sterilis</i> . Genetic Resources and Crop Evolution , 65(8), 2069-2082.	2018
Al-Rifae, M. Ismail F., Al-Gharaibeh M. 2018. Boosting hypericin and herb yield of <i>Hypericum triquetrifolium</i> L. by leaf enlargement. Advances in Environmental Biology . 12(1): 11-15. ISSN-1995-0756 EISSN-1998-1066	2018
Dixit, PN, Telleria, R., Al Khatib, AN, Allouzi, SF. 2018. Decadal analysis of impact of future climate on wheat production in dry Mediterranean environment: A case of Jordan. Science of the Total Environment 610(611c):219–233	2018
Salam Y. Abu-Zaitoun, Kottakota Chandrasekhar , Siwar Assili, Munqez J. Shtaya, Rana M. Jamous, Omar B. Mallah, Kamal Nashef, Hanan Sela , Assaf Distelfeld , Nawal Alhajaj , Mohammed S. Ali-Shtayeh , Zvi Peleg and Roi Ben-David. 2018. Unlocking the Genetic Diversity within A Middle-East Panel of Durum Wheat Landraces for Adaptation to Semi-arid Climate. <i>Agronomy</i> , 8(10), 233;	2018

Maen Hasan, Nidal Odat, Issam Qrunfleh, Yahya Shakhathreh and Sobhia Saifan 2018. Microsatellite analysis of genetic diversity and population structure of Jordanian barley (<i>Hordeum vulgare</i> L.) reveals genetic polymorphism and divergence associated with inflorescence type, Research. on Crops , 19 (1) : 86-96.	2018
Mohunnad Massimi, Nidal Bader , Khadija Khamish, and Abdallah Al-S'uod. 2018. Economic Analysis for Forage Agronomic Crops Grown Using Treated Wastewater in Kherbeh Als-Samra Region, Jordan, International Journal of Plant & Soil Science , 22(4):1-9.	2018
Mohunnad Massimi , A.Anandhi, M.Haseeb, and Al.Lorenzo. 2018. Modeling the hybrid seedling performance of forage sorghum and silage corn under Jordan irrigation conditions , Indian Journal of Agricultural Research , 52 (1): 71-75	2018
Mohunnad Massimi . 2018. Impact of seed size on seeds viability, vigor and storability of <i>Hordeum vulgare</i> L., Agricultural science Digest , 38 (1): 1-3.	2018
Abdallah M. Aldahadha , David Backhouse and Nigel W. M. Warwick. 2017, Inoculation with <i>Pythium irregulare</i> Increases the Water Use Efficiency of Wheat Exposed To Post-anthesis Drought. Journal of Plant Chemistry and Ecophysiology . 2(2), 1017.	2017
Abu Obaid A.M., Ismael F.M., Al-Abdullah M.J., Jamjum K., Al-Rifae M.K., Tawaha A.M. and Dakheel A. 2017. Impact of different levels of salinity on performance of triticale that is grown in Al-Khalidiyah (Mafraq), Jordan. American-Eurasian Journal of Sustainable Agriculture 11(1): 1-5. ISSN: 1995-0748, EISSN: 1998-1074.	2017
Mohunnad Massimi . 2017. Importance of Field Extension Training for Farmers of Alfalfa (<i>Medicago sativa</i> L.) to Adopt Weed Control Techniques, Asian Journal of Agricultural Extension, Economics & Sociology , 20(3): 1-7.	2017
Mohunnad Massimi, Moh`d Al-Rifae, Jamal Alrusheidat, A. Al-Dakheel, Faddel Ismail1 and Yousef Al-Ashgar. 2016. Salt-tolerant Triticale (X Triticosecale Witt) Cultivation in Jordan as a New Forage Crop, American Journal of Experimental Agriculture , 12(2): 1-7.	2016
Mohunnad Massimi, Moh`d Al-Rifae, Jamal Alrusheidat, A. Al-Dakheel, Botrous Al-Qawaleet and Shahir Haddad. 2016. Validating Farmers' Adoption for Salt-tolerated Crop Seeds in Jordan, Asian Journal of Agricultural Extension, Economics & Sociology .10(2):	2016

Shakhatreh, Y., M. Baum, N. Haddad, M. Alrababah and S. Ceccarelli 2016. Assessment of Genetic Diversity among Jordanian Wild Barley (<i>Hordeum spontaneum</i>) Genotypes Revealed by SSR Markers . Resour Crop Evol. , 63:813-822	2016
Al-Yassin, A. 2015. Adaptation Levels of Parental Barley Genotypes Influence Genetic Diversity and Heritability Estimates in Barley Derived Crosses as Revealed by AFLP. American-Eurasian Journal of Agricultural & Environmental Sciences , 15 (7): 1361-1367.	2015
Al-Yassin, A., Khademian, R., Seyed mojtaba Khayam Nekouei , M. Mardi,. B. Nakhoda. 2015. Identification of natural nucleotide mutations of salt tolerance candidate genes (<i>HvHKT1</i> and <i>HvCBL4</i>) in barley ecotypes by sequencing. American-Eurasian Journal of Agricultural & Environmental Sciences , 15 (7): 1256-1264.	2015
Al-Yassin, A. and Raheleh Khademian. 2015. Allelic Variation of Salinity Tolerance Genes in Barley Ecotypes (Natural Populations) Using EcoTILLING: A Review Article. American-Eurasian Journal of Agricultural & Environmental Sciences , 15 (4): 563-572.	2015
Al-Yassin, A., Singh, M. and Baum, M. 2015. Genetic variation in winter barley and selection of high yielding lines. Indian Journal of Agricultural Research , , 49 (6): 481-488.	2015
Haddadin, M., 2015. Assessment of Drought Tolerant Barley Varieties under Water Stress. International Journal of Agriculture and Forestry , 5(2): 131-137.	2015
Murari Singh, Adnan Al-Yassin and Siraj Osman Omer Mohamed. 2015. Bayesian Estimation of Precision and Genetic Gain due to Selection in Routinely Used Barley Trials. Crop Science , 55 (2): 501-513.	2015
Al-Lozi S., Ibrahim Mohammad Rewashedeh. 2014. Screening of Jordan Certified Wheat Seedling for Drought Tolerance. Jordan Journal of Agricultural Sciences , 10:484-492.	2014
Sarvjeet Singh, Harvinder Singh, Achla Sharma, Madhu Meeta, Baljit Singh, Neha Joshi, Pooja Grover, Adnan Al-Yassin and Shiv Kumar. 2014. Inheritance of spot blotch resistance in barley (<i>Hordeum vulgare</i> L.). Canadian Journal Plant Science , 94 (7): 1203-1209.	2014
Haddadin, M., A..Abdel-Ghani and N. Al-Majali. 2013. Response of Barely Varieties to Drought Stress Imposed At Different Developmental Stages. Jordan Journal of Agricultural Sciences , 9: 507-524.	2013

Setotaw, T.A., S. Debebe , S.G. Belayneh and A. Al-Yassin . 2013. Success of joint ICARDA and EIAR barley breeding. International Journal of Water Resources and Arid Environments , 2(1): 24-30.	2013
Abdallah M. Aldahadha , Nigel W. M. Warwick and David Backhouse . 2012. Effects of <i>Pythium irregulare</i> and Root Pruning on Water Use Efficiency of Hydroponically Grown Wheat Under PEG-Induced Drought. Journal of Phytopathology . 160: 397-403.	2012
Al-Yassin, Adnan. 2012. Jordan in search of new benefit-sharing practices through participatory plant breeding, pp.67-78. In: Manuel Ruiz and Ronnie Vernooy (Eds).The custodians of biodiversity: Sharing access and benefit sharing of genetic resources. Earthscan. London and Sterling, and IDRC, Ottawa.	2012
Comadran, Jordi, J. R. Russell, A. Booth, A. Pswarayi, S. Ceccarelli, S. Grando, A. M. Stanca, N. Pecchioni, T. Akar, A. Al-Yassin , A. Benbelkacem, H. Ouabbou, J. Bort, F. A. van Eeuwijk, W. T. B. Thomas, I. Romagosa. 2011. Mixed model association scans of multi-environmental trial data reveal major loci controlling yield and yield related traits in <i>Hordeum vulgare</i> in Mediterranean environments. Theor Appl Genet . 122: 1363-1373	2011
Enrico Francia, Alessandro Tondelli, Fulvia Rizza, Franz W. Badeck, Orazio Li Destri Nicosia, Taner Akar, Stefania Grando, Adnan Al-Yassin , Abdelkader Benbelkacem, William T. B. Thomas, Fred van Eeuwijk, Ignacio Romagosa, A. Michele Stanca, Nicola Pecchioni. 2011. Determinants of barley grain yield in a wide range of Mediterranean environments. Field Crops Research , 120: 169-178.	2011
Ceccarelli, S., S. Grando, M. Maatougui, M. Michael, M. Slash, R. Haghparast, M. Rahmanian, A. Taheri, A. Al-Yassin , A. Benbelkacem, M. Labdi, H. Mimoun and M. Nachit. 2010. Plant breeding and climate changes. Journal of Agricultural Science , 148: 627–637.	2010
F. Fufa, O. Kafawin, S. Ceccarelli, S. Grando and Y. Shakhathreh , 2010. Efficiency of Farmers in Selecting Desirable Genotypes Assessed in Selection Phase of Participatory Barley Breeding. Plant Breeding , 129: 156-161	2010

Comadran, J., Thomas, WTB, van Eeuwijk, FÁ, Ceccarelli, S., Grando, S, Baum, M, Stanca, AM, Pecchioni., N, Akar, T, Al-Yassin, A , Benbelkacem, A, Ouabbou, H, Bort, J, Romagosa, I, Hackett, CA., Russell, JR. 2009. Patterns of genetic diversity and linkage disequilibrium in a highly structured <i>Hordeum vulgare</i> association-mapping population for the Mediterranean basin. Theor Appl Genet , 119: 175–187	2009
Fekadu, F., S. Grando, O. Kafawin, Y. Shakhathreh , and S. Ceccarelli. 2009. Efficiency of farmers in a participatory barley breeding programme on Jordan. Plant breeding , 1-6	2009
Parry, Martin A.J., Pippa J. Madgwick, Carlos Bayon, Katie Tearall1, Antonio Hernandez-Lopez, Marcela Baudo, Mariann Rakszegi, Walid Hamada, Adnan Al-Yassin , Hassan Ouabbou, Mustapha Labhilili and Andrew L. Phillips. 2009. Mutation discovery for crop improvement. Journal of Experimental Botany , doi:10.1093/jxb/erp189	2009
Shakhathreh, Y. , N. Haddad, M. Alrababah, S. Grando, S. Ceccarelli. 2009. Phenotypic diversity in wild barely (<i>Hordeum vulgare</i> l.ssp. <i>spontaneum</i> (C. Koch) Thell.) accessions collected in Jordan. Genet Resour Crop Evol. DOI 10.1007/s10722-009-9457-8	2009
Al-Lozi S. , I. Makhadmeh, M. Duwayri, R. Shibli and H. Migdadi . 2008. Assessment of Phenotypic Variation of Arum Species in Jordan. Jordan Journal of Agricultural Sciences , 4: 367-379.	2008
Pswarayi, A, van Eeuwijk, F., Ceccarelli, S., Grando, S., Comadran, J., Russell, JR., Stanca, AM., Francia, E., Pecchioni, N., Akar, T, Al-Yassin, A., Benbelkacem, A., Choumane, W., Karrou, M., Ouabbou, H., Bort, J., Araus, JL., Molina-Cano, JL., Thomas, WTB., Romagosa, I. 2008. Barley adaptation and improvement in the Mediterranean basin. Plant breeding , 127: 554-560.	2008
Pswarayi, A, van Eeuwijk, F., Ceccarelli, S., Grando, S., Comadran, J., Russell, JR., Stanca, AM., Francia, E., Pecchioni, N., Akar, T, Al-Yassin, A , Benbelkacem, A., Choumane, W., Karrou, M., Ouabbou, H., Bort, J., Araus, JL., Molina-Cano, JL., Thomas, WTB., Romagosa, I. 2008. Changes in allele frequencies in landraces, old and modern Barley cultivars of marker loci close to QTL for grain yield under high and low input conditions. Euphytica , 163: 435-447	2008
Shakhathreh, Y. , N. Haddad, and S. Ceccarelli. 2008. An integrated biplot analysis system for interpreting and exploring genotype x environment interaction for wild barley genotypes. Crop Res. , 36(1,2 &3): 42-49.	2008

Al-Rifae, M.K., A. Al-Yassin , N. Haddad and A.M. Al-Tawaha. 2007. Evaluation of chickpea breeding lines by examining their responses to sowing date at two mediterranean climatic locations. American-Eurasian Journal of Sustainable Agriculture , 1(1): 19-24, 2007.	2007
Comadran, J., J.R. Russell, F. A. van Eeuwijk , S. Ceccarelli, S. Grando , M. Baum, A. M. Stanca, N. Pecchioni, A. M. Mastrangelo, T. Akar, Adnan Al-Yassin , A. Benbelkacem, W. Choumane, H. Ouabbou, R. Dahan, J. Bort, J.-L. Araus, A. Pswarayi, I. Romagosa, C. A. Hackett, W. T. B. Thomas. 2007. Mapping Adaptation of Barley for Drought Environments. Euphytica , 161: 35-45	2007
Ghalib Shalalkeh and Talal Thalji. 2007. Impacts of plant population on wheat and barley genotypes under salinity conditions. Journal of Agronomy , 6 (1): 119-124	2007
Talal Thalji and Ghalib Shalalkeh . 2007. Screening Wheat and Barley Genotypes for Salinity Resistance. Journal of Agronomy , 6 (1): 75-80.	2007
Ghalib Shalalkeh . 2006. Influence of Two Genomic DNA Extraction Methods on DNA Quantity and Quality Extracted from Barley in Jordan . Biotechnology , 5(4):508-513.	2006
Talal Thalji and Ghalib Shalalkeh . 2006. Effect of Planting Date on Faba Bean (<i>Vicia faba</i> L.) Nodulation and Performance under Semiarid Conditions. World Journal of Agricultural Science , 2(4):477-482	2006
Al-Yassin, A. , S. Grando, O. Kafawin, Abdelmajid Tell, S. Ceccarelli. 2005. Heritability Estimates in Contrasting Environments as influenced by the Adaptation Level of Barley Germplasm. Annals of Applied Biology , 147: 235-244	2005
Al-Yassin, Adnan . 2005. Adverse Effects of Salinity on Citrus: A Review Paper. International Journal of Agriculture and Biology , 7(4): 668-680	2005
Kafawin, O., H. Soub, S. Ceccarelli, Y. Shakhathreh , A. Al-Yassin , S. Grando, A. Bawaliz, and A. Khazaleh. 2005. Participatory barley breeding for improving production in stress environments. Dirasat . 32 (1): 57-63	2005
Kafawin, O., H. Soub, S. Ceccarelli, Y. Shakhathreh, A. Al-Yassin, S. Grando, A. Bawaliz, and A. Khazaleh. 2005. Selection methodology for participatory barley breeding in low rainfall areas. Mu'tah , 20 (2): 69-75.	2005
H. Z. Ghosheh, and N. A. Alhajaj . 2005. Weed seedbank response to tillage and crop rotation in a semi-arid environment. Soil and Tillage Research , 84(2) : 184–19	2005

Kafawin, O., H. Soub, S. Ceccarelli, Y. Shakhatreh, A. Al-Yassin , S. Grando, A. Bawaliz, and A. Khazaleh. 2005. Participatory barley breeding for improving production in stress environments. Dirasat . 32 (1): 57-63	2005
Kafawin, O., H. Soub, S. Ceccarelli, Y. Shakhatreh, A. Al-Yassin , S. Grando, A. Bawaliz, and A. Khazaleh. 2005. Selection methodology for participatory barley breeding in low rainfall areas. Mu'tah , 20 (2): 69-75	2005
T. Thalji and S. Ghalib . 2005. Plant spacing and genotype interaction effects on yield performance of different Sudan grass (<i>Sorghum bicolor .var .sudanense</i>) varieties under saline conditions in Jordan . Bioscience Research , 2(4): 178-182	2005
Al-Yassin, Adnan . 2004. Influence of Salinity on Citrus: A Review Paper. Journal of Central European Agriculture . 5 (4): 263-272	2004
H. Z. Ghosheh, and N. A. Alhajaj . 2004. Impact of tillage and crop rotation on barley (<i>Hordeum vulagre</i>) and weeds in semi-arid environment. J. Agronomy and Crop Science . 190: 374-380.	2004
Haddad, N. , 2002. Productivity and fodder qualities of red clover in dependence on soil tillage and fertilizers on slops. The Reports of Russian Academe of Agricultural Science . 3: 24- 26	2002
Shakhatreh, Y. , O.Kafawin, S. Ceccarelli and H. Saoub. 2001. “Selection of Barley Lines for Drought Tolerance in Low-Rainfall Areas. J. Agronomy &Crop Science , 186, 119-127.	2001
Ghalib Shalaldeh and Mahmud Duwayri. (1986). Inheritance of Several Morphophysiological Traits and grain yield in Ten Durum Wheat Crosses. Rachis , 5(1): 38-43.	1986
Horticulture Research Directorate Publications	
Talhouni, M. , Kusvuran, S. Kiran, S., Ellialtioglu S.S. 2019. Effects of Grafting on Eggplants Grown under Salinity Stress in Terms of Chlorophyll Content, Leaf Water Potential and Some Fruit Characteristics, Toprak Su Dergisi , 8 (1): (29-38) in Turkish.	2019
Talhouni, M. , Sonmez, K., Kiran, S., Kusvuran, S. and Ellialtioglu, SS. 2019. Examination of ion accumulation and some physiological characteristics of grafted eggplants grown under salinity conditions, Acta Horti 1242:69-75	2019

Talhouni M., Sonmez K., Kiran S., Beyaz R., Yildiz M. Ellialtioglu S. 2019. Comparison of salinity effects on grafted and non-grafted eggplants in terms of ion accumulation, MDA content and antioxidative enzyme activities, Advances in Horticultural Sciences , 33(1):87-95.	2019
Ahmad,R.and Ayoub,S. 2018.Evaluationoffourejuvenationpruningmethodsonolivetreevegetativegrowth and yield. Acta Horticulturae , 1199: 379-384.	2018
Ayoub, S., Bashabsheh, I., Abulaila, K., Damer, S., Khreisat, Z., Obeidat, I., Al-Jazazzi, S., Naser, Z., Quddoumi, S. andAbudalo,A. 2018.Landspreadingofolivemillwastewater:Effectsonsoilchemical properties, microbial activity and weed biodiversity. <i>Acta Horticulturae</i> , 1199: 291-296.	2018
AL-Ghawanmeh Kh.M., Bani Hani N. , AL-Hamouri A., and . N. S. Karam. 2017. Effect of irrigation with nutrient solutions mixed with treated wastewater on Asiatic lily ‘Brunello’ grown in a closed soilless culture. Acta agriculturae Slovenica , 109(1): 29 – 42.	2017
Talhouni, M., Sönmez, K., Ellialtıođlu, Ş.Ş., Kuşvuran, Ş. 2017. Analysis of some plant and fruit characteristics of grafted eggplants grown under salinity stress. Academic journal of Agriculture , 6: 71-80 (in Turkish).	2017
Manar TALHOUNİ, Kenan SÖNMEZ , Ş. Şebnem ELLİALTIOĞLU Şebnem KUŞVURAN, 2017. Grafting onto Different Rootstock Genotypes Alleviates Salt Stress in Aubergine (Solanum melongena L.) Plants by Activating Antioxidative Enzyme Defense System, 2nd INTERNATIONAL BALKAN AGRICULTURE CONGRESS 16-18 MAY. Congress Book, PP: 463-468.	2017
Alhrou H. H., Hammad K. H. Aldal'in, Haddad M. A., Bani-Hani N. and Al-Dalein S. Y. 2016. The impact of organic and inorganic fertilizer on yield and yield components of common bean (Phaseolus vulgaris). Advances inEnvironmental Biology , 10(9):8-13	2016
Ayoub, S., Al-Shdiefat, S., Rawashdeh, H. and Bashabsheh I. 2016. Utilization of reclaimed wastewater for olive irrigation: Effect on soil properties, tree growth, yield and oil content. Agricultural Water Management , 176:163-169.	2016
Haddad M., N. M. Bani-Hani, J. A. Al-Tabbal and A. H. Al-Fraihat. 2016. Effect of different potassium nitrate levels on yield and quality of potato tubers. Journal of Food, Agriculture & Environment . Vol. 14 (1): 101-107.	2016

Kıran, S., Özkay, F., Kuşvuran, Ş., Talhouni, M. , Ellialtıođlu, Ş. Ş. 2016. Antioxidative enzyme activities, lipid peroxidation, and morphological changes of eggplant genotypes under copper stress. Acta. Hort. (ISHS) 1142: 395-402.	2016
Kuşvuran, Ş., Ellialtıođlu, Ş. Ş., Talhouni, M. , Sönmez, K., Kıran, S. 2016. Effects of salt and drought stresses on physiological and biochemical changes in callus tissues of melon cultivars. Acta. Hort. (ISHS) 1142: 239-246.	2016
Kıran, S., Kuşvuran, Ş., Talhouni, M. , Sönmez, K., Ellialtıođlu, Ş. Ş., Özkay, F. 2016. Studies on Some Biochemical Changes and Ion Regulation in Some Tomato Genotypes Exposed to Drought Stress. Acta. Hort. (ISHS) 1142: 369-376.	2016
Perakis C., Kyriakarakos G., Bani Hani N. , Hammad S., Damasiotis M. 2016. Investigation of solar powered drip irrigation: The case study of Jordan Valley. Research in Agricultural Engineering (in press)	2016
Khdair, A., Ayoub, S. , and Abu-Rumman, G. 2015. Effect of pressing techniques on olive oil quality. American Journal of Food Technology , 10 (4): 176-183.	2015
Ayoub, S. , Al-Absi, K., Al-Shdiefat, S., Al-Majali, D., Hijazean, D. 2014. Effect of olive mill wastewater land-spreading on soil properties, olive tree performance and oil quality. Scientia Horticulturae , 175: 160–166.	2014
Brake, M., Migdadi, H., Al-Gharaibeh, M., Ayoub, S. , Haddad, N. , El Oqlah, A. 2014. Characterization of Jordanian olive cultivars (<i>Olea europaea</i> L.) using RAPD and ISSR molecular markers. Scientia Horticulturae , 176: 282–289.	2014
Kuşvuran, Ş., Ellialtıođlu, Ş. Ş., Talhouni, M. , Sönmez, K., Kıran, S. 2014. Effects of salt and drought stresses on physiological and biochemical changes in callus tissues of melon cultivars. Acta. Hort. (ISHS) 1142: 239-246.	2014
Kıran, S., Kuşvuran, Ş., Talhouni, M. , Sönmez, K., Ellialtıođlu, Ş. Ş., Özkay, F. 2014. Studies on Some Biochemical Changes and Ion Regulation in Some Tomato Genotypes Exposed to Drought Stress. Acta. Hort. (ISHS) 1142: 369-376.	2014

Kıran, S.,Özkay, F., Kuşvuran, Ş., Talhouni, M. , Ellialtıođlu, Ş. Ş. 2014. Antioxidative enzyme activities, lipid peroxidation, and morphological changes of eggplant genotypes under copper stress. Acta. Hort. (ISHS) 1142: 395-402	2014
Al-Quraan N. A., Sartawea F. A., and Qaryouti M. M. 2013. Characterization of aminobutyric acid and oxidative damage in wheat (<i>Triticum aestivum L.</i>) seedlings under salt and osmotic stress, Journal of plant physiology , 170:1003-1009.	2013
Ayoub, S., Al-Shdiefat, S., Rawashdeh, H. and Bashabsheh I. 2013. Chemical and sensory properties of olive oil as influenced by different sources of irrigation water. Journal of Agricultural Science and Technology , 3 (2):105-112.	2013
Talhouni, M., Günalp, B., Yaşar, F., Kuşvuran, Ş., Uzal, Ö. and Ellialtıođlu, Ş. 2013. The effects of JA treatment on the growth and some enzyme activities of eggplant embryos grown in vitro under salt stress conditions. Research Journal of Biotechnology . Vol. 8 (12): 102-107.	2013
Yaşar, F., Talhouni, M. , Ellialtıođlu, Ş., Kuşvuran, Ş. and Uzal, Ö., 2013. SOD, CAT, GR and APX Enzyme Activities in Callus Tissues of Susceptible and Tolerant Eggplant Varieties under Salt Stress. Research Journal of Biotechnology . Vol. 8 (11): 45-50	2013
Alsaed, A., Ayoub, S. , Al-İsmail, A. and Ahmad, R. 2012. Influence of water quality used in irrigation on the sensory properties of olive oil. La Rivista Italiana Delle Sostanze Grasse , 89: 47-53.	2012
Qaryouti, M., Nijdawi, O., Al-Abed, A., Naser, Z., Abdel Wali, M., Musalam, A., Rawashdeh, M., Arabiat, Sh. and Shnikat, E. 2012. Regional Studies of Pathogens Development on Stored Tomato Cultivars in the Middle East. Acta Horticulture , 934: 363-370.	2012
Al-Khatib M., Brake M., Qaryouti M. , Al-Hussaen Kh., and Migdadi H. , 2012. Response of Jordanian Tomato Landraces to <i>Fusarium oxysporum F. sp. Lycopersici</i> . Asian Journal of Plant Pathology , 6(3):75-80.	2012
Al-İsmail, A., Alsaed, A., Ahmad, R. and Ayoub, S. 2010. Influence of the quality of water used in irrigation on the chemical properties of olive oil. La Rivista Italiana Delle Sostanze Grasse , 87: 82-88.	2010

Ayad, J.Y., Talhouni, M.N. , and Saoub, H. (2010) .Variation in growth and water uptake of <i>Atriplexhalimus</i> and <i>Atiplexnummularia</i> plants in relation of water deficit. Dirasat: Agricultural Science . 37 (2): 91-100	2010
Shdiefat, S., Ayoub, S., and Jamjoum, K. 2009. Effect of Irrigation with Reclaimed Wastewater on Soil Properties and Olive Oil Quality. Jordan Journal of Agricultural Sciences , 5(2): 128-141.	2009
Ayoub, S. and Qrunfleh, M. 2008. A Study on Some Physiological and Anatomical Aspects of Rooting 'Nabali' and 'Raseei' olive Semi-Hardwood Stem Cuttings. International Symposium on Citrus and Other Tropical and Subtropical Fruit Crops. Acta Hort. (ISHS) 773:221-226.	2008
Fandi M. M. Hussein and J. Almohtasib 2008 . Yield and fruit quality of tomato as affected by the substrate in an open soil less culture Jor. Agr. Sci. ,4: 65-72	2008
Fandi, M., J. Muhtasib, M. Hussein. 2007. Effect of Plant Density on Tomato Yield and Fruit Quality Growing in Tuff Culture. Acta Horticulturae , 741:207-212	2007
Muhtasib, J. , 2007. Effect of Harvesting Date on Fruit Quality of Grape fruit c.v. 'Red Blush' Under Jordan Valley Conditions. Fruits , 62 (2): 107-113	2007
Qaryouti, M., H. Hamdan, M. Adwan, U. Hourani, M. Dabbas. 2007 Evaluation and Characterization of Jordanian Tomato Landraces. Agri. Scien. , 34 (1+2): 44-56	2007
Qaryouti, M., W. Qawasmi, H. Hamdan, M. Adwan. 2007. Tomato Fruit Yield and Quality as Affected by Grafting and Growing System. Acta Horticulturatae , 741: 199-206	2007
Qaryouti, M., W. Qawasmi, H. Hamdan, M. Adwan. 2007. Influence of NaCl Salinity Stress on Yield, Plant Water Uptake and Drainage water of Tomato Grown in Soilless Culture. Acta Horticulturatae , 747: 539-544	2007
Ayoub, S. , and Qrunfleh, M. 2006. Anatomical Aspects of Rooting 'Nabali' and 'Raseei' Olive Semi-Hardwood Stem Cuttings. Jordan Journal of Agricultural Sciences , 2(1): 16-28.	2006
Ayoub, S. , and Qrunfleh, M. 2006. Seasonal Variation in Rooting 'Nabali' and 'Raseei' Olive Cuttings in Relation to Shoot Content of Endogenous Plant Hormones. Jordan Journal of Agricultural Sciences , 2 (2): 119-131.	2006

Ghnen, H., J. Muhtasib. 2006. Effect of four rootstocks on fruit quality of Washington Navel sweet orange under Jordan Valley condition. Dirasat , 33 (2): 89-92	2006
Ghnen, H., J. Muhtasib. 2006. Effect of pollen source on yield, quality and maturity of ‘Mejhool’ date palm. Jordan Journal of Agricultural Sciences , 2 (1): 8-15	2006
Muhtasib, J., H. Ghnen, A. R Al-Shekh. 2006. Performance of three sweet orange varieties grafted on four rootstocks under Jordan Valley conditions. Journal of Applied Horticulture , 8 (1): 75-77	2006
Muhtasib, J., H. Ghnen. 2006. Effect of four rootstocks on fruit quality of Shamouti sweet orange under Jordan Valley condition. Emirates Journal of Agricultural Sciences , 18 (1): 33-39	2006
Muhtasib, J., H. Ghnen. 2006. Effect of pollen source on yield, quality and maturity of ‘Barhi’ date palm. <i>Jordan Journal of Agricultural Sciences</i> , 2 (2): 113-118	2006
Qaryouti, M., M. A. Sawan. 2006. Influence of NaCl Salinity on vegetative growth, Nutrient Uptake and Proline Content in Two Tomato Cultivars Under Greenhouse Conditions. Agri. Scien , 33 (1) : 47-58	2006
Shdiefat, S., M. Qurufuleh. 2006. Fruit thinning effect on alternate bearing and endogenous hormonal content of the Olive <i>Olea europaea</i> L. cv. Nabali Muhasan. Jordan Journal of Agricultural Sciences , 2 (4): 348 – 360.	2006
Qaryouti, M.M., and M. A. Suwwan 2005. Influence of NaCl Salt Application on Fruit Yield and Quality of Two Tomato Cultivars Under Greenhouse Conditions. <i>Dirasat, Agri. Scien</i> ,32 (2): 172-179.	2005
Ayoub, S. and Qrunfleh, M. 2006. Anatomical Aspects of Rooting ‘Nabali’ and ‘Raseei’ Olive Semi-Hardwood Stem Cuttings. Jordan Journal of Agricultural Sciences , 2(1): 16-28.	2004
Al-Absi, K. M. ; A. Al-Twissi and M. Al-Talhouni. 2003. Evaluation of quality features of seven pistachio cultivars grown under rainfed and marginal conditions in south of Jordan. Minufia Journal of Agricultural Research . 28(4): 1193-1199.	2003
Qaryouti, M., H. Hamdan, M. Adwan. 2003. Agronomical Variation in Jordanian Eggplant (<i>Solanum melongena</i> L.) Landraces. Capsicum and Eggplant Newsletter , 22: 131-134	2003
Qaryouti, M., H. Hamdan, M. Adwan. 2003. Evaluation and Characterization of Jordanian Pepper (<i>Capsicum annum</i> L.) Landraces. Capsicum & Eggplant Newsletter , 22:21-24.	2003

Qaryouti, M., U. Hourani, A. al-Mahadin. 2003. Jordanian Tomato Landraces Susceptibility to Tomato Yellow Leaf Curl Virus. Plant Genetic Resources Newsletter , 136:1-6.	2003
Qaryouti, M. and M. Kasrawi. 1995. Storage temperature of seed bulbs and planting date influence on garlic. I. Emergence, vegetative growth, bulbing and maturity. Adv. Hort. Sci. , 9 : 12-18.	1995
Qaryouti, M. and M. Kasrawi. 1995. Storage temperature of seed bulbs and planting date influence on garlic. II. Yield and quality. Adv. Hort. Sci. , 9 : 67-70.	1995
Samar Qaddoumi and NEI-Banna.2019. Antimicrobial activity of Argula(Erucasativa) leaves on some pathogenic bacteria .International Journal of Biology. vol(11) 3. Accepted	2019
Samar S. Quddoumi. 2012, A study of the antimicrobial activity of different bacterial strains isolated from the soil of Balqaa region in Jordan. Alex. J. Pharm. Sci. 1:27-32.	2012
S. Qaddoumi and El-Banna, N..2009. A study on the Inhibitory Effect of <i>Burkholderia cepacia</i> on methicillin- resistant <i>Staphylococcus aureus</i> sin Comparison with <i>Burkholderia mallei</i> . Alex. J. Pharm. Sci. 23:89-91	2009
El-Banna, N. and S. Qaddoumi. 2008. Effect of carbon source of the antimicrobial Activities of <i>Burkholderia mallei</i> . Alexandria journal of pharmaceutical sciences. 22: 21-23.	2008
El-Banna, N. S. Qaddoumi and H. Daradkeh. 2007. Antimicrobial substances produced by bacteria isolated from different Jordanian sources that are active against methicillin-resistant <i>Staphylococcus aureus</i> . African journal of Biotechnology. 15: 1837-1839.	2007
El-Banna, N. and S. Qaddoumi. 2007. Screening for antifungal activity of <i>Comamonas acidovorans</i> isolated from pond water in Zarqa. Jordan Journal of Applied Science, 9: 61-68.	2007
El-Banna, N. and S. Qaddoumi. 2007. Effect of nitrogen source of the antimicrobial activities of bacilli air flora. Annals of microbiology, 57: 669-671	2007

Quddoumi,S. , Bdour,S., and Mahasneh,A. 2006. Isolation and characterization of methicillin resistant <i>Staphylococcus aureus</i> strains from livestock and poultry meat. Annals of microbiology , 56(2):155-161	2006
Naser,Z.W. Al-Momany,A.R. 1998. Dissemination Factors of Verticillium Wilt of olive in Jordan. Dirasat , 25(1):16-21.	1998
D.M.Yousef and J.J.SJacob. 1994. A nematode Survey of Vegetable Crops and Some Orchards in the Ghor of Jordan. Nematol. Medit. , 22: 11- 15	1994
Tehabsim, A. , Masannat K., Janse J.D. 1992. Fire- blight (<i>Erwinia amylovora</i>) on pome fruits in Jordan . Phytopathologia Mediterranea , 31(2): 117-118	1992
Tehabsim .A , 1991.Crown gall (<i>Agrobacterium tumefaciens</i>) on peaches (<i>Prunus persica</i>) in Jordan Arab Journal of Plant Protection . 9 (1): 64-65.	1991
Tehabsim .A , Ruissen M.A and Janse J.D , 1987. Occurrence of <i>Pseudomonas syringe pv.tomato</i> on Tomato in Jordan Valley,Jordan . Phytopathologia Mediterranea , 26:183-184.	1987
Livestock Research Department Publications	
N. Haddad1, H. Migdadi1,2, R. Al-Atiyat3, K. Jawasreh4, S. Awabdeh1,W. Obeidat1, R. AlOmari1, M. Aldamra1, H. Ababneh1, M.J. Tabbaa5,M. Brake6 and M. Farooq , Whole Genome Resequencing of JordanianAwassi Rams (<i>Ovis aries</i>) Using Hiseq Sequencing Technology: The First Step Towards Sheep Genomic Selection	2020
M. M. Shdaifat , Ugur Serbester, Murat Gorgulu, Belal S. Obeidat. 2019. Effect of Fish Oil Supplementation During Gestation on Maternal and OffSpring Performance in Awassi Sheep. Small Ruminant Research . Accepted	2019
AL-Ramamneh, D. S. , M. M. Makagon, H. W. Cheng, and P. Y. Hester. 2015. Effect of partial comb and wattle trim on pullet behavior and thermoregulation. Poultry Science , 94(5): 860 -866.	2015
Ababneh H. S. , Ababneh MM, Hananeh WM, Alsheyab FM, Jawasreh KI, Al Gharaibeh MA , Ababneh MM. 2014. Molecular identification of chlamydial cause of abortion in small ruminants in Jordan. Tropical Animal Health and Production ;46(8):1407-1412	2014

Al -Okour A.A., Y.A. AL-Satari, K.M. Altawarah, S.M. Alkhaldeh and S.M. AL-Jazazi. 2014. The Effect of Rangeland Protection on the Native Vegetation Productivity at Shoubak in Jordan. **International Journal of Agricultural Science and Research.** 4(1): 107-112.

2014

AL-Ramamneh, D. S., M. M. Makagon, H. W. Cheng, and P. Y. Hester. 2014. Effect of partial comb and wattle trim on pullet behavior and thermoregulation. Poult. Sci. 93(E-Suppl.1): 70.	2014
Al-Satari, Y. A., A. A. Al-Omari, Y. M. Mhawish, A. K. Al-Kabneh, Z. S. Khrist, M. S. Al-Swa'ar. 2014. Abundance of natural Regeneration of <i>Atriplex halimus</i> and <i>Salsola vermiculata</i> and productivity in the Jordanian Badia. Mu'tah Lil-Buhuth wad-Dirasat , 29 (1): 9-18.	2014
Al-Satari, Y. A., Abu Dalbough, M. O., AL-Omari, A. A. and Amayreh, I. M. 2014. Study the Productivity of Rangeland Planted with <i>Atriplex halimus</i> Shrubs in the Northern Badia of Jordan. International Journal of Humanities, Arts, Medicine and Sciences , 2 (5): 15-20.	2014
Al-Satari, Y. A. 2014. Intercropping of <i>Atriplex halimus</i> , <i>Salsola vermiculata</i> and Barley for Sustainable Feed Production under Rangeland Conditions in Jordan. International Journal of Research in Applied, Natural and Social Sciences . 2 (4), 67-72.	2014
Al-Satari, Y. A., A. A. Al-Omari, Y. M. Mhawish, A. K. Al-Kabneh, Z. S. Khrist, M. S. Al-Swa'ar. 2014. Abundance of natural Regeneration of <i>Atriplex halimus</i> and <i>Salsola vermiculata</i> and productivity in the Jordanian Badia. Mu'tah Lil-Buhuth wad-Dirasat , 29(1): 9-18.	2014
Wael M. Hananeh, Mousa Daradka, Zuhair Bani Ismail, Huthaifa S. Ababneh. 2014. Apocrine hidrocystoma in an Awassi sheep. Veterinary Science development ; doi: 10.4081/vsd. .5439	2014
Al-Satari, Y. A., Mhawish, Y. M., Al-Kabneh, A. K. And Khreisat, Z. S. 2013. The Impact of Water Harvesting Techniques on Barley Productivity under Rangelands Conditions in Jordan. International Journal of Agricultural Science and Research . Vol. 3 (4): 65-70.	2013
Al-Satari, Y. A., Mudabber, M. A. and Khaswneh, A. Z. 2013. Effect of Planting Date on Productivity of Three <i>Atriplex</i> Species under Semi-Arid Conditions in Jordan. International Journal of Botany and Research . 3 (4): 7-12.	2013
B.S. Obeidat, M.M. Shdaifat. 2013. Partial substitution of barley grain with <i>Prosopis juliflora</i> pods in lactating Awassi ewes' diets: Effect on intake, digestibility, and nursing performance. Small Ruminant Research , 111: 50-55.	2013

M.M. Shdaifat, F.S. Al-Barakah, A.Q. Kanan, B.S. Obeidat. 2013. The effect of feeding agricultural by-products on performance of lactating Awassi ewes. Small Ruminant Research , 113:11-1.	2013
Al-Satari, Y. A., Mhawish, Y. and Al-Tarayrah, J. 2012. Study of planted <i>Atriplex halimus</i> , <i>Salsola vermiculata</i> and native vegetation Productivity in the Middle Badia of Jordan. Mu'tah Lil-Buhuth wad-Dirasat . 27 (2):11-22.	2012
Al-Satari, Y. A., Saoub, H., Abu Dalbouh, M. O. and Amayreh, I. M. 2012. Assessment of effect of rangeland protection in Khanasri area of northern Badia region of Jordan. Research on Crops Journal ,13 (1):219-222.	2012
Jawasreh, K., O. Alqaisi, Y. Al-Satari, A. Al-Nsoor. 2012. Grazing Behavior of Awassi Sheep and the biodiversity of plant species under semi-arid reserved conditions. Arid Ecosystems , 2 (4): 245-252.	2012
Jawasreh, K.I. Z., Awawdweh, F., Rawashdeh I., Hejazeen F., and Al-Talib M. 2009.The Allel and Genotype Frequencies of Bovine Pituitary Specific Transcription Factor and Leptin Genes in Jordanian Cattle Population by using PCR-RFLP. Australian Journal of Basic and Applied Sciences , 3(3): 1601-1606.	2009
Ahmad M.AL-Majali, Khaleel Jawasreh and Amer AL-Nsour. 2008. Epidemiological studies on foot and mouth disease and Para tuberculosis in Small Ruminant in Tafelah and Ma`an, Jordan. Journal of Small Ruminant Research ,78: 197-201.	2008
AL-Majali, Jawasreh, K.I, Talafha, H.A Abdelsalam Q. Talafha. 2008. Neosporosis in sheep and different breeds of goats form southern Jordan: Prevalence and risk factors analysis. American Journal of Animal and Veterinary Sciences , 3 (2): 47-52.	2008
Al-Majali,A.M;Jawasreh,K.I;Talafha,H.A;and Talafha,A.Q.2008. Neosporosis in sheep and Different breedes of Goats from Southern Jordan ;Prevalence and Rusk factors Analysis. American Journal of Animal and Veterinary Sciences , .3(2):47-52.	2008
E. Gootwine, A. Abdulkhaliq, K.I.Z. Jawasreh and A. Valle Zárata 2008. Screening for polymorphism at the piron protein (PrP) locus (PRNP) in Awassi and Assaf populations, in The Palestinian Authority and Jordan. Journal of Small Ruminant Research . 77: 80-83	2008

Akila S. Hamza;A. EL-Tahan; Thanaa F.Mohammadi1 and F.S. Al-Barakeh . 2007. Nutritional studies on barley silage in sheep rations. Egyptian J.Nutrition and feeds , 10 (2) special Issue :203-213.	2007
Al-Barakeh, F. ,F.A.Elyassin and M.ALMyzeid. 2007. The nutritive value of spent cereals straw of pleurotus ostreatus. J.Agric. Sci. Mansoura Univ. 32(8):6105-6114.	2007
Al-Barakeh, F., K.Jawasreh, B. Al-Hamed . 2007. The nutritive value of fungal treated industrial and agricultural by-products and its effect on Awassi sheep performance. Journal of Nutrition and Feeds , 10 (2): 387 – 399.	2007
Al-Barakeh,F. , F.A.Elyassin and M.Al Myzeid.2007. Using of spent cereals straw with olive cake and spent cereals straw with tomato pomace of fattening awassi lambs. J.Agric. Sci.Mansoura Univ. ,32(8):6115-6120.	2007
Aldomy,F. Abu-Zeid . 2007. Neonatal Mortality of Small Ruminants in Jordan. Bulgarian Journal of Veterinary Medicine ,10(3):195-199.	2007
Al-Hamed, B., K.I.Z. Jawasreh . 2007. The effect of Bentonit and Zeolit treatments oin some Reproductive traits of Awassi ram lambs. Journal of Nutrition and Feeds , 10 (2): 585 – 597.	2007
B. Al-Hamed; A. Hamra and K. I. Z. Jawasreh . 2007. The effect of Bentonit and Zeolit Treatments in some Reproductive traits of Awassi Ram Lambs. Egyptian Journal of Nutrition and Feeds , 10(2): 387-399.	2007
F.AL Barakah , F.A Elyassin and M.Al Myzeid. 2007. Chemical composition and digestability of cereals straw with olive cake and spent cereals straw with tomato pomace. Egyptian J.Nutrition and feeds , 10(2):265-274	2007
F.Al Barakeh ;F.A.El-Yassin and M.ALMyzeid. 2007. Using of spent cereals straw on lambs fattening and its effect on carcass characteristics. Egyptian J.Nutrition and feeds ,10 (2) special Issue :709-719.	2007
F.S.Al-Barakeh ; A.Y.Abdullah and F.T.Awawdeh .2007. Growth performance of Baladi , Damascus, Baladi-Damascus crosseberd goat kids and Awassi sheep lambs slaughtered at different weights. Egyptian J.Nutrition and feeds ,10 (2) special Issue :277-289.	2007
F Shidaifat, B AL-Trad, R Al-Omari .2007, Testestrone Effect On Immature Prostate Gland Development Associated With Suppression Of Transforming Growth Factor-B. Life Sciences , 80(9):829-34.	2007

Jawasreh, K. I. Z. , Al-Khasawneh, 2007. Studies on some economic Characteristic on Awassi Lambs in Jordan. Egyptian Journal of sheep and Goat , 2(2):101-110.	2007
Jawasreh, K. I. Z. , Al-Khasawneh. 2007. Genetic evaluation of milk production traits in Awassi sheep in Jordan. Egyptian Journal of sheep and Goat Sciences , 2 (2):83-100.	2007
Jawasreh, K. I. Z. 2007. The role of Cytoplasmic Inheritance and maternal effect in some Growth traits in sheep. Egyptian Journal Of Nutrition and Feeds , 10(2): 291-291.	2007
Al-Tabba', M., R. Kridli, A. al-Galban, F. Al-Barakeh . 2006. Age- related changes in scrotal circumference and some semen characteristics in Awassi rams. Animal Reproduction , 3 (4): 431-438.	2006
Al-Tabba', M., R. Kredli, A. al-Galban, M. Amashah, F. Al-Barakeh . 2006. Factors affecting scrotal circumference and semen characteristics in Awassi rams. Jordan Journal of agricultural sciences , 2 (3): 243-250.	2006
Al-Tabba', M., M. Al-Nimr, M. Amashah, F. Al-Barakeh . 2005. Age, Body Weight and growth rates to the onset of puberty of mountain black Damascus Doe kids and cross breed as affected by season of birth and birth type. Dirasat, Agricultural Sciences , 32:3296-303	2005
Mohammad, J. Tabbua, M.A. Al-nimer, M.G. Amasheh and F.Barakeh .2005. Age ,body weight and growth rates to the onset puberty of mountain black , damascus doe kids and crossberds at affected by season of birth and birth type. Dirasat , 32:296-303	2005
R. Al-Omari , F Shidaifat, M Daradka. 2005. Castration induced changes in dog prostate gland associated with diminished activin and activin receptors expression. Life Sciences , 77: 2752-2759 .	2005
F Shidaifat, M Daradka, R. Al-Omari . 2004, Effect of Androgen Ablation on Prostatic Cell Differentiation, Endocrine Research . 30: 327-334 .	2004
Jawasreh, K. I. Z. , Al-S'oob, M. and Darwish, A. 2004. Estimation of some genetic and non-genetic parameters for some growth traits of Damascus goats in Jordan. Dirasat Agricultural Sciences , 31(3): 317-322.	2004
Jawasreh, K. I. Z. , M. Al-Soub, A. Darweesh. 2004. Estimation of some genetic and non-genetic parameters for some growth taits of Damascus goats in Jordan. Dirasat Agricultural Sciences , 31 (3): 317-323.	2004

Nasr, Y., K. Jamjoum. 2004. The effect of planting date and number of cladodes on the performance of cactus seedlings. ISHS ,1: 214-219	2004
Al-Rayyan, N., 2003. The Effect of Dietary Levels of Zinc- Methionine on the Performance of Growing Awassi Lambs. Pakistan Journal of Biological Sciences , 6 (11): 979-983	2003
Issa, I. A., Al-Cassey, A. A. and Jawasreh, K. I. Z. 2004. Estimation of some genetic parameters for some growth traits in Awassi sheep. Iraqi Agri. J. , 4:200-205.	2003
Jawasreh, K. I. Z ., I. Issa, N. Al-Anbari. 2003. Some factors affecting the incidence of retained placenta in Friesian cows. Iraqi J. Agri. Sci. , 34(3): 110-114	2003
Nasr, Y., K. Jamjoum. 2002. The performance of opuntia ficus-indica seedlings that resulted from different number of joint manure cladodes at two planting dates. Acta Horticulturae , 531: 155-169.	2002
Al-Cassey, A. A., Issa, I. A. and Jawasreh, K. I. Z. 2001. Effect of some non genetic factors on birth weight of Jordanian Awassi lambs. Iraqi J. Agri. Sci. , 32(4):159-162.	2001
Satari, Y. Kafaween, O., Gawi, I. and Saoub, H. 2001.Responce of Two Barley Cultivars to Three Seeding Rates under Supplemental Irrigation. Arab Gulf Journal of Scientific Research , 19 (1): 7-11.	2001
Titi, H .H . M . J . Tabbaa , M. G. A. Amsheh, F . Barakeh , B. Daqamseh . 2000. Compararative perfomance of Awassi lambs and Black goat kids on different crude protein level in Jordan. Small Ruminant Research , 37: 131 – 135.	2000
Tabbaa M. J., W. A. Al-Azzawi and F. S. AL-Barakeh. (1998) Effect of age and sampling location of fleece and fibre sheep. Dirasat , 25(3) 394 – 400.	1998
Plant Protection Research Directorate Publications	
Ibtihal AbuObeid, Nehaya Al-Karablieh, Jihad Haddadin, Ruba Al Omari, Abdel-Munem Al-Jabaree, Lina Al-Elaumi & Safa Mazahreh, Survey on the presence of Xylella fastidiosa, the causal agent of olive quick decline syndrome (OQDS) on olives in Jordan	
Abu Alloush, A.H., 2019. Developmental duration and predation rate of the coccidophagous coccinellid <i>Rhyzobius lophanthae</i> (Blaisdell) (Coleoptera: Coccinellidae) on <i>Aspidiotus nerii</i> Bouche. Bulletin of Entomological Research , 1-5. doi:10.1017/S0007485318000986	2019

Abu-Obeid, I., Khlaif,H. and Salem, N.2019, Detection and Identifecation of potato soft rot <i>Pectobacterium carotovorum</i> subspecies <i>carotovorum</i> By PCR using different sets of primers. Jordan Journal of Agricultural Sciences , Accepted.	2019
Ibtihal Mohammad Abu-Obeid, 2019. Soft rot disease in Jordan: A Review. <i>Advances in Environmental biology</i> . 13(6): pages 1-6. DOI: 10.22587/aeb.2019.13.6.1	2019
Abu-Obeid, I., Khlaif,H. and Salem, N.2018, Identification and genetic diversity of jordanian potato soft rot isolates <i>pectobacterium carotovorum</i> subspecies <i>carotovorum</i> (dye). African Journal of Biotechnology .17(24):753-759.DIO:10.5897/AJB2018.16507	2018
Abu-Obeid, I., Khlaif,H. and Salem, N.2018, Comparison of Different Sets of Primers Used in Detection and Identification of Potato Soft Rot <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> (DYE1969). Asian Journal of research in crop science .1(1): 1-12, 2018; Article no. AJRCS.40431	2018
Asoufi, H., Al-Antary, T., Awwad, A. 2018. Effect of Green Synthesized Magnetite (Fe ₃ O ₄) Nanoparticles on the Green Peach Aphid <i>Myzus persicae</i> Sulzer (Homoptera: Aphididea) Longevity and Fecundity. Advances in Environmental Biology . 12(2):8-10.	2018
Asoufi, H., Al-Antary, T., Awwad, A. 2018. Green route for synthesis hematite (α -Fe ₂ O ₃) nanoparticles: Toxicity effect on the green peach aphid, <i>Myzus persicae</i> (Sulzer). Environmental Nanotechnology, Monitoring & Managemen. , 9: 107-111.	2018
Asoufi, H., Al-Antary, T., Awwad, A. 2018. Biosynthesis and Characterization of Iron Sulfide Nanoparticles and Evaluation their Aphicidal Activity on the Green Peach Aphid. Fresenius Environmental Bulletin . 27(11):7767- 7775.	2018
Asoufi, H., Al-Antary, T., Awwad, A. 2018. Effect of biosynthesized FeS nanoparticles on the GPA longevity and fecundity. Fresenius Environmental Bulletin . 27(11):7817-7821.	2018
Avila L., Obeidat W., Earl H., Nu X., Lukens L.2018. Shared and genetically distinct Zea mays transcriptome responses to ongoing and past low temperature exposure. BMC Genomics 19: 761.C290	2018

Hamed Khlaif, Ibtihal Abu-Obeid , and Bilal Werikat. 2018, Occurrence of Plant Bacterial Diseases in Jordan. African Journal of Agricultural Research . 13(40), 2104-2117, DOI: 10.5897/AJAR2018.13301.	2018
Ibtihal Abu-Obeid , Hamed Khlaif, Nida Salem. 2018, Detection and Identification of Potato Soft Rot <i>Pectobacterium carotovorum</i> Subspecies <i>carotovorum</i> by PCR Analysis of 16S rDNA in Jordan. Agricultural Sciences , 2018, 9, 546-556.	2018
I., Salem, T., Al-Antary. 2018, Biochemical tests for the toxicity of some pesticides on the two spotted spider mite <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae) under laboratory conditions. Journal of PSP . 27, 7003-7008	2018
Madanat, H.M. , Al-Antary T.M., and Abu Zarga, M.H., 2018, Identification and Isolation of the Insecticidal compounds from <i>Robinia pseudoacacia</i> L. (Fabaceae), Fresenius Environmental Bulletin , 27 (3): 1838-1849.	2018
Obeidat W., Avila L., Earl H., Lukens L. 2018. Leaf spectral reflectance of maize seedlings and its relationship to cold tolerance. Crop Science 58: 2569-2580.	2018
Abu-Obeid, I., Khlaif, H. and Salem, N. 2017. Detection and identification of bacterial soft rot of potato <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> using specific PCR primers in Jordan. African Journal of Agricultural Research . 12(39):2910-2918. DOI:10.5897/AJAR2017.12620.	2017
Al-Abed, A., Qaryouti, M., Naser, Z., Youssef, S., Shalaby, A., Edelstein, M., Freeman, S., Cohen, R., Pivonia, S., Omary, N. 2017, Performance of Grafted Galia and Ananas Melon Types under Different Salinity Concentrations. Cucurbit Genetic Cooperative Report . 39 and 40:10-13.	2017
Madanat, H. M. and Al-Antary, T. M., and Abu Zarga, M.H. 2017, Bioactivity of Six Acetone Plant Extracts Against the Green Peach Aphid <i>Myzus persicae</i> Sulzer (Homoptera: Aphididae), Fresenius Environmental Bulletin , 26(5):3340-3349 •	2017
Madanat, H. M. and Al-Antary, T. M., and Abu Zarga, M.H. 2016. Toxicity of Six Plant Extracts Against the Green Peach Aphid <i>Myzus persicae</i> Sulzer (Homoptera: Aphididae), Fresenius Environmental Bulletin , 25(3):706-718.	2016

<p>Abu-Shiribi, A. Abu Obeid, I, Naser, Z. Al Banna L. and Mansour, A. ,2015, Pest management of protected pepper under organic farming in the Jordan Valley. Egyptian Journal of Agricultural Research, 93(1)(B):471-485.</p>	<p>2015</p>
<p>Al-Abed, A., Luma Al-banna. 2015, Response of Barley, Wheat and Oat to the Mediterranean Cereal Cyst Nematode <i>H. latipons</i>. The 5th International Cereal Cyst Nematode Initiative (ICNI) Workshop Proceedings of the fifth international cereal nematode initiative Workshop, 12-15 September 2015, Ankara, Turkey(Full text).</p>	<p>2015</p>
<p>Akl Awwad, Nida Salem, Wafaa Khرفan, Qusay Ibrahim.2015. FT-IR spectroscopy and X-ray diffraction characterization of biosynthesized silver/silver chloride nanoparticles. Arab Journal of Physical Chemistry. 2(1): 14-19.</p>	<p>2015</p>
<p>Luma Al-banna, Adel AL Abded, Isam Fattash, Wafa Khرفan, Hamzeh Lafi, Toujan Abu Shweimeh,Dua Mazrawi, Isaaf Abu AL Ragheb. Nematodes of small grain cereals current status and research. Current status of cyst and root lesion nematodes attacking cereals in Jordan. Proceedings of the fifth international cereal nematode initiative Workshop, 12-15 September 2015, Ankara, Turkey(Full text)</p>	<p>2015</p>
<p>Nida Salem, Akl Mansour, Amany Abdeens, Salah Araj and Wafaa Khرفan. 2015. First report of tomato chlorosis virus infecting tomato crops in Jordan. Plant Disease. 9: 99.</p>	<p>2015</p>
<p>Ploetz ,R., Freeman. S ., Konkol, J ., Al-Abed, A ., Naser ,Z., Shalan, K., Brakat, R and Yair ,I. 2015 .Tropical race 4 of Panama disease in the Middle East . Phytoparasitica . 43:283–293.</p>	<p>2015</p>
<p>Wafaa Kherfan, Francis Ogbonnaya, Luma Al- Banna. 2015. Response of wheat to a Jordanian isolate of mediterranean cereal cyst nematode (<i>Heterodera latipons</i>). Australasian Plant Pathology. 45(1): 19–28.</p>	<p>2015</p>
<p>Al-Fwaer, M., Abu-Obaid, I., Al-Zyoud, F., Abo-Alosh, A., and Halaybeh, M. 2014. Population Dynamics of the Hibiscus Mealybug <i>Maconellicoccus hirsutus</i> Green (Hom., Pseudococcidae) and Its Parasitoid on Guava Trees in Madaba - Jordan. International Journal of Agriculture and Forestry .4(3):171-177</p>	<p>2014</p>

Garacia, F. A., Ordonez, N., Konkol, J., Al-Qasem, M., Naser, Z., Abdelwali, M. , Salem, N., Waalwijk, C., Ploetz, R.C. 2014. First Report of Tropical Race 4 of <i>Fusarium oxysporium</i> f.sp. <i>cubense</i> outside Southern Asia. Plant Disease , 98(5):694.	2014
Wafaa Kherfan , Francis Ogbonnaya, Luma Al- Banna. 2014. Variability in response of Wheat and Aegilops genotypes to mediterranean cereal cysts nematode (<i>Heterodera latipons</i>). Journal of Nematology . 46(2): 187-187.	2014
Al-Abed .A , Al-Momany,A., and Al-Banna,L. 2013. Effect of Initial inoculums on the reproduction of <i>Heterodera latipons</i> . Jordan Journal of Agricultural Science . 9(3): 316-342.	2013
Mashal, M., Obaidat, B. 2013.Field Evaluation of <i>Trichoderma harzianum</i> on Dubas Date Palm <i>Ommatissus Lybicus</i> Berg. Trig. , Palm Scale <i>Parlatoria blanchardi</i> and Egg Lace Wings <i>Chrysopa vulgaris</i> Sch Comparing with other Chemicals on Date Palm. Jordan Journal of Agricultural sciences , 4(9): 576-589.	2013
Abdel-Wali, M. Mustafa, T. and Al-Lala, M. 2012. Residual Toxicity of Abamectin, Milbemectin and Chlorfenapyr to Different Populations of the Two Spotted Spider Mite, <i>Tetranychus urticae</i> Koch, (Acari : Tetranychide) on Cucumber in Jordan. World Journal of Agricultural Sciences , 8(2):174-178.	2012
Al-Antary, T. Ala-Lala, M. and Abed- Wali, M. 2012.Response of seven population of the two-spotted spider mite (<i>Tetranychus urticae</i> Koch) for amitraz acaricide on cucumber (<i>cucumis sativus</i> l.) under plastic houses in Jordan. Advances in Envin. Biology ,6(3):951-954.	2012
Madanat, H.M., and Al-Antary T.M. 2012. Role of Mating Disruption Pheromones and Lure Traps Supplemented with Spraying Some Insecticides in Management of the codling moth <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) in Jordan. Jordan Journal of Agricultural Sciences . 8(4) , 583-595	2012
Madanat, H.M., F.A. Al-Zyoud, A.H. Abdel-Ghani, and N.F. Majali. 2012. Sources of tolerance in wheat and barley against the cereal leafminer <i>Syringopais temperatella</i> Led. (Lep., Scythrididae) under semi-arid climate of south Jordan. Jordan Journal of Agricultural Sciences . 8(3):367-379.	2012
Mashal,M. Obaidat, B. 2012. Evaluating the effect of some biotic insecticides on palm Dubas (<i>Ommatissus lybicus</i> Bergevin.) : Trpiduchidae: Homomptera) and eggs of lace wings (<i>Chrysopa vulgaris</i> Schn, Chrysopidae: Neuroptera) numbers. Jordan journal of Agri. Sciences , 8 (4): 684-691.	2012

Mazen Ateyyat, Marwan Abdel-Wali , and Tawfiq Al-Antary. 2012.Toxicity of five medicinal plant oils to woolly apple aphid, <i>Eriosoma lanigerum</i> (Homoptera: Aphididae). Australian Journal of Basic and Applied Sciences , 6(9):66-72.	2012
Qaryouti, M., Najdawi, A., Al-Abed, A. 2012, Regional Studies of Pathogens Development on Stored Tomato Cultivars in the Middle East . Acta Hort. 934, ISHS: 363-370.	2012
Tawfiq M. Al-Antary, Mohammad R. Al-lala, Marwan I Abdelwali . 2012. Evaluation of Resistance in Seven Populations of the Two-Spotted Spider Mite (<i>Tetranychus urticae</i> Kosh) for Abamevтин on Cucumber Under Plastic Houses Conditions in Jordan. Dirasat, Agricultural Science , 39(1): 51- 57.	2012
Al-Fawaer, M.S. Eftayeh, M. A, Mustafa T. Al-Antarry and Migdadi H. M. 2011. Polymorphism Among and Within Populations of <i>Ceratitis capitata</i> Wiedemann (Diptera: Tephritidae) in the Jordan Valley and Southern Syria. Jordan Journal of Agricultural Sciences , Volume 7(1):51-64.	2011
Al-Abed, A ., Naser. Z., and Mustafa., D. 2011. Field Application of Brassicaceous Ammendments for the control of root Knot Nematode (<i>Meloidogyne incognita</i>) on Cucumber. Jordan Journal of Agricultural Science. 7(1): 76-82.	2011
Ateyyat, M. Abel- Wali, Mand and Asoufi, H. . 2011.Rearing and release of <i>Aphelinus mali</i> (hald) (Hymenoptera: Aphelinidae), the Sole parasitoid of woolly apple aphid <i>Eriosoma lanigerum</i> (hausmann)(homoptera: Eriosomatidae) on apple orchards in Ash-Shoubak. Academic journal of entomology ,4(3):108-113.	2011
Al-Abed, A., Al-Momany, A., and Al-Banna, L. 2009. Epidemiological Studies on the Mediterranean cereal cyst nematode <i>Heterodera latipons</i> , attacking barley in Jordan. In Cereal cyst nematodes: status, research and outlook. P: 183-188.	2009
Muna salem Al-Fawaer, Mohammad Adel Eftayeh, Tawfiq Mustafa Al-Antarry.2008. Susceptibility of some citrus cultivars for <i>Ceratitis capitata</i> Wiedemann (Diptera: Tephritidae) in Central Jordan valley. Damascus journal of Agricultural Science , 24(2).	2008

Muna salem Al-Fawaeer , Mohammad Adel Eftayeh, Tawfiq Mustafa Al-Antarry. 2008. Field evaluation of certain attractants of Mediterranean fruitfly <i>Ceratitidis capitata</i> Wiedemann (Diptera: Tephritidae) in Central Jordan valley. Damascus journal of Agricultural Science , 24(2).	2008
Abdel-Wali ,M. M. Bahdousheh, A. Al-Awamleh, A. Shaderma, S. Arabyat , K. Ananbieh, M. Ayasreh, A. Frehat, N. Romiah , Y. Alawneh , N. Abu-Nab , A. Gharaybeh , S. Qbielat and M. Edwan . 2007. Determining Pesticides Waiting Periods and Residues on Vegetables under Jordan Valley conditions. Acta Horticulturae ,741: 87- 107.	2007
Abdel- Wali ,M. Mustafa,T .and Al-mazra'awi,M. 2007.Toxicity of Selected Insecticides to Green Peach Aphid, <i>Myzus persicae</i> (Hom. :Aphididae) and its Parasitoid, <i>Aphidius matricariae</i> (Hym. :Aphidiidae). American-Eurasian J.Agric.& Environ.Sci. , 2(5):498-503.	2007
Asoufi. H. Hameed,K.M and A.Mahasneh. The Cellulase and Pectinase Activities Associated with the Virulence of Indigenouse <i>Sclerotinia sclerotiorum</i> Isolates in Jordan Valley. Plant Pathology Journal. , 23 (4): 233-238.	2007
Muna Mashal , Basil Abeidate and Nasir Romea . 2007. Effect of Muslin Bagging Technique on the Control of Greater Date Moth <i>Arenipses sebella</i> (Hamps.) Lepidoptera :Pyrilidae and Lesser Date Moth <i>Batrachedra amydraula</i> (Meyr)Lepidoptera :Mumphida on Date Palm Phoenix dactylifera l. in Jordan. Jordan Journal of Agricultural Sciences , 3(4):504-514.	2007
Abdel Wali , M., T. Mustafa. 2006. Response of <i>Aphidius matricariae</i> Haliday (Hym.: Aphidiidae) from mummified <i>Myzus persicae</i> Sulzer (Hom.: Aphididae) to short term cold storage. International Pest Control , 48(5): 262-265.	2006
Osofee, H. ,Hameed k.h.and Mahasneh,A. 2005. Relatedness among indigenous members of <i>Sclerotinia sclerotiorum</i> by mycelial compatibility and RAPB analysis in the Jordan Valley. Plant Pathol .J. , 21(2):106-110.	2005
Al- Abed , Adel. , 2004. <i>Heterodera latipons</i> on barley in Jordan. Phytopathol. Mediterr. , 43: 311-317.	2004
Obeidat , W and Akkawi , M. 2002. Bionomics and control of Pomegranate butterfly <i>Virachola</i> (Deudorix) Livia (Klug) (Lepidoptera: Lycaenidae) in northern Jordan. Dirasat Journal , 29: 1-12.	2002

Abu-Obeid, I , Al-Momany,A, Mustafa,T. 2000.Temperature and media effects on Growth Rate of <i>V.lecanii</i> . Mu'tah Lil-Buhuth wad-Dirasat , 15(2):75-86.	2000
Tawfiq. M.Mustafa, Muna Salem Turaikhim .2000. Response of some onion varieties to <i>thrips tabaci</i> Lindeman (Thysanoptera: Thripidae) in Jordan valley. Mu'tah Lil-Buhuth wad-Dirasat 15(2): 9-22.	2000
JR. Qasem., A, Al-bed . , and HA, Abu-Blan. 1995. Antifungal activity of calmy inula (<i>Inula viscosa</i>) on <i>Helminthosporium sativum</i> and <i>Fusarium oxysporum</i> f. Sp. <i>Lycopersici</i> . Phytopathol. Mediterran , 34(1): 7-14.	1995
A.S. Al-Abed , J.R. Qasem and H.A. Abu-Blan.1993. Antifungal effects of some common wild plant species on certain plant pathogenic fungi. Dirasat (Pure and Applied Sciences), 20 B (3) : 149-157.	1993
Al-Qawasmi, O.2021 Feasibility of rainwater harvesting from residential rooftops in Jordan. Applied Water Science (2021) 11:30 https://doi.org/10.1007/s13201-021-01365-w	2021
AlKhader , Asad,M.F., Qaryouti,M. M., Okasheh, T. M. 2019Effect of nitrogen on yield, quality and irrigation water use efficiency of drip fertigated grafted watermelon (<i>Citrullus lanatus</i>) grown on a calcareous Soil. Journal of Plant Nutrition DOI:10.1080/01904167.2019.1568464	2019
Bani Hani M. N. ,Al-Ramamneh E.Al.,HaddadM. A.Al-Tawaha A.R. and Y. Al-Satari .2019.The Impactof Cattle Manure on the Content of Major Minerals and Nitrogen Uptake from N15 Isotope-Labeled Ammonium Sulphate Fertilizer in Maiz (<i>Zea Mays</i> L.) Plants. Pakistan Journal of Botany . 1(11)DOI:10.30848/PJB2019- 1(11).	2019
HaddadM. A.,Al-DalainS.,Al-TabbalJ. A., Bani-Hani N. M. ,JaradatD. M.M.,ObeidatM. andAl-Ramamneh E. 2019,In Vitro Antioxidant Activity,MacronutrientsandHeavy Metal Anlysisof Maize(<i>Zea Mays</i> L.)Leaves Grown at Different Levels of Cattle Amended Soil in Jordan Valley. Pakistan Journal of Botany 51(3):1-8. DOI: 10.30848/PJB2019-3(12).	2019
Bani Hani M. N. 2018.Challenges and opportunities for crop production under dry and saline environments in ARASI. Section 3 Jordan. 2018.Prepared by the Joint FAO/IAEA division of Nuclear Techniques in Food and Agricultura; Asia and the Pacific Section, Departement of Technical Cooperation.	2018

<p>Bani Hani M. N., Al Tabal J., Haddad M. A., Aldal'in H. K., Al-Fraihat A. H., Alhrout H. H., Hasan H. S. and F.M. Aldabbas. 2018. The Effect of Plant Density on the Water Use Efficiency and Quality of Potato (<i>Solanum tuberosum</i> L. Cv. Spunta) in the Jordan Valley. Journal of Agricultural Science. Vol. 10(12):203-214.</p>	<p>2018</p>
<p>Bani Hani M. N., Haddad M. A., Al Tabal J., Al-Fraihat A. H., Al-Qudah M., Al-Dalain S. Y. A. and M. A. Al-Tarawneh. 2018. Optimum irrigation regime to maximize the yield, water use efficiency and quality of potato (<i>Solanum tuberosum</i> L. Cv. Spunta). Research on Crops Journal. Vol. 19 (2): 237-244.</p>	<p>2018</p>
<p>Al-Ghzawi A. L. A., Bani Khalaf Y., Al-Ajlouni Z. I. AL-Quraan N. A., Musallam I. and Bani Hani N. 2018. The Effect of Supplemental Irrigation on Canopy Temperature Depression, Chlorophyll Content, and Water Use Efficiency in Three Wheat (<i>Triticum aestivum</i> L. and <i>T. durum</i> Desf.) Varieties Grown in Dry Regions of Jordan. Agriculture, 8 (67): 1-23.</p>	<p>2018</p>
<p>Aukour F. J., Bani Hani N., Al-Kofahi S. D., and Abu Smeir Sh. 2018. The Effects of Biosolid Application on Water- Use Efficiency and the Growth Behavior of Sesbania sesban (L.) Merrin Arid Mediterranean Environments. Jordan Journal of Earth and Environmental Sciences. Vol 9 (3): 134- 138. ISSN 1995-6681</p>	<p>2018</p>
<p>Naoum, S., Albalawneh, A., Ayoub S., Diab, M., Amayreh, I., Ammouh, M., Kawaleet , B. and Daoud. L. 2018. Productivity of water, growth and yield of olive trees under deficit irrigation. Acta Horticulturae, 1199: 261- 266.</p>	<p>2018</p>
<p>AL-Ghawanmeh Kh. M., Bani Hani N., AL-Hamouri A., and . N. S. Karam. 2017. Effect of irrigation with nutrient solutions mixed with treated wastewater on Asiatic lily 'Brunello' grown in a closed soilless culture. Acta agriculturae Slovenica, 109(1): 29 – 42.</p>	<p>2017</p>
<p>Alhrout H. H., Bani-Hani N., Haddad M. A., Al-Tabbal J. A. S., Aldal'in H. Kh. and M. M. Alkharabsheh. 2017. Morphological, Yield and Yield Components of Maize (<i>Zea Mays</i> L.) Grown in Cattle Manure Amended Soil in the Jordan Valley. Journal of Agronomy. 16(4):174-179.</p>	<p>2017</p>

Bani Hani M. N. , Haddad M. A., and A. Shadideh. 2017. Multiple Linear Regression (MLR) Model for Prediction Potential Evapotranspiration (ET ₀). Assiut University Bulletin for Environmental Research . 20(2):11-20.	2017
Perakis C., Kyriakarakos G., Bani Hani N. , Hammad S., Damasiotis M. 2017. Investigation of solar powered drip irrigation: The case study of Jordan Valley. Res. Agr. Eng. 63(4): 168–171	2017
Abeer Albalawneh , Tsun-Kuo Chang, Samia Akroush . 2016. Reuse of Treated Greywater for Home Garden Irrigation: Understanding User Experiences 處理後之灰水用於家庭農園灌溉：使用者經驗之探究. <i>Taiwan Water Conservancy</i> 03/2016; 64(1):1-11.	2016
Abeer Albalawneh , Tsun-Kuo Chang, Chi-Su Chou, Sireen Naoum . 2016. Efficiency of a Horizontal Sub-Surface Flow Constructed Wetland Treatment System in an Arid Area. <i>Water</i> 02/2016; 8(2):51. DOI:10.3390/w8020051	2016
Rawashdeh H. , Sala F. 2016. The effect of iron and boron foliar fertilization on yield and yield components of wheat. Romanian Agricultural Research , vol., 33.	2016
Yaser M. Mhawish , Muna Saba . 2016 Impact of Population Growth on Land Use Changes in Wadi Ziqlab of Jordan between 1952 And 2008. International Journal of Applied Sociology . 6(1): 7-14. DOI:10.5923/j.ijas.20160601.02	2016
Abeer Albalawneh , Tsun-Kuo Chang, Chun-Wei Huang, Safa Mazahreh . 2015. Using Landscape Metrics Analysis and Analytic Hierarchy Process to Assess Water Harvesting Potential Sites in Jordan. <i>Environments</i> 09/2015; 2(3):415-434. DOI:10.3390/environments2030415	2015
Abeer Albalawneh and Tsun-Kuo Chang. 2015. Review of the Greywater and Proposed Greywater Recycling Scheme for Agricultural Irrigation Reuses. International Journal of Research - granthaalayah , 3(12):16-35.	2015
Abeer Albalawneh , Tsun-Kuo Chang, Chi-Su Chou. 2015. Impacts on soil quality from long-term irrigation with treated greywater. Paddy and Water Environment , DOI:10.1007/s10333-015-0499-6	2015
AlKhader, A. M.F. and A. R., Azmi. 2015. The Impact of Phosphorus Fertilizers on Nutrients Content and Uptake in Lettuce (<i>Lactuca sativa</i> L.) and on Selected Chemical Properties of a Calcareous Soil, Jordan Journal of Agricultural Sciences , Vol. 11 (4):1021-1035.	2015

AlKhader AMF .2015. The Impact of Phosphorus Fertilizers on Heavy Metals Content of Soils and Vegetables Grown on Selected Farms in Jordan. Agrotechnol 5: 137. doi:10.4172/2168-9881.1000137.	2015
Al-Zu'bi, Y., Ammari, T. G., Al-Balawneh, A. , Al-Dabbas, M., Ta'any, R., and Abu-Harb, R. 2015. Ablution greywater treatment with the modified re-circulated vertical flow bioreactor for landscape irrigation. Desalination and Water Treatment , 54(1), 59-68.	2015
Boldea M., Sala F., Rawashdeh, H. , Lucian D. 2015. Evaluation of agricultural yield in relation to the doses of mineral fertilizers. Journal of Central European Agriculture , 16(2):149-161. DOI: 10.5513/JCEA01/16.2.1603	2015
Hamzeh R. , Sala F. 2015. A Review: Foliar application with iron as a vital factor of wheat crop growth, yield quantity and quality. International Journal of Agricultural Policy and Research . 3(9): 368-376. DOI:10.15739/IJAPR.062.	2015
Rawashdeh H. , Sala F. 2015. Effect of some micronutrients on growth and yield of wheat and its leaves and grain content of iron and boron. Bulletin USAMV series Agriculture . 72(2): 504-508.	2015
Sala F., Rawashdeh H. , Boldea M. 2015. Differentiated contribution of minerals through Soil and foliar fertilization to the winter wheat yield. American Journal of Experimental Agriculture . 6(3): 158-167. DOI: 10.9734/AJEA/2015/14354	2015
Sala F., Rawashdeh, H. , Boldea M. 2015. Biofortification and shoot: root ratio in wheat seedlings under the influence of certain mineral elements. AgroLife Scientific Journal . 4(2): 106-113.	2015
Sala F., Boldea M., Rawashdeh H., Nemet I. 2015. Mathematical model for determining the optimal doses of mineral fertilizers for wheat crops. Pakistan Journal of Agricultural Sciences . 52(3), 609-617.	2015
Abu-Sharar, T.M., Bani Hani,N. and Al-Khader, S. 2014. Boron adsorption-desorption characteristics of irrigated soils in the Jordan Valley. Geoderma Regional . 2(3): 50-59.	2014
AlKhader, A. M.F. and A. R., Azmi. 2014. Effects of phosphorous fertilizer type and rate on plant growth and heavy metals content in lettuce (<i>Lactuca sativa</i> L.) grown on calcareous soil. Jordan Journal of Agricultural Sciences , 10 (4):796-810.	2014

Rawashdeh H. , Sala F. 2014. Influence of iron foliar fertilization on some growth and physiological parameters of wheat at two growth stages. Scientific Papers. Series A. Agronomy . 57, 306-309.	2014
Rawashdeh H. , Florin S. 2014. The effect of boron foliar fertilizer on some morphological parameters of wheat at different growth stages. Review on Agriculture and Rural Development . 3(1): 27-32.	2014
Rawashdeh H. , Sala F. 2014. Foliar Application of Boron on Some Yield Components and Grain Yield of Wheat. Academic Research Journal of Agricultural Science and Research . 2(7): 97-101.	2014
Tarek G. Ammari, Yasin Al-Zu'bi, Abeer Al-Balawneh , RaghebTahhan, Muhamad Al-Dabbas, Rakad A. Ta'any, Raihan Abu-Harb: An evaluation of the re-circulated vertical flow bioreactor to recycle rural greywater for irrigation under arid Mediterranean bioclimate. Ecological Engineering , 70:16–24.	2014
AlKhader , A. M.F., A. R., Azmi and R., Munir. 2013. The effect of phosphorous fertilizers on the growth and quality of lettuce (<i>Lactuca sativa</i> L.) under greenhouse and field conditions. Journal of Food, Agriculture & Environment , 11(2):777-783.	2013
AlKhader and Abu Rayyan. 2013. Improving Water Use Efficiency of Lettuce (<i>Lactuca sativa</i> L.) Using Phosphorous Fertilizers. SpringerPlus 2:563.	2013
Boufaroua, Mohammed, AbeerAlbalawneh , and TheibOweis. 2013. Assessing the efficiency of grey-water reuse at household level and its suitability for sustainable rural and human development. British Journal of Applied Science and Technology 3.4: 962	2013
M. Minwer Alkharabsheha , T.K. Alexandridisa, G. Bilasb, N. Misopolinosb and N. Silleosa. 2013. Impact of land cover change on soil erosion hazard in northern Jordan using remote sensing and GIS, Procedia Environmental Sciences , 19: 912 – 921	2013
Rawashdeh H. , Sala F. 2013. The effect of foliar application of iron and boron on early growth parameters of wheat (<i>Triticum aestivum</i> L.). Research Journal of Agricultural Science . 45(1): 21-26.	2013
Rawashdeh H. , Sala F. 2013. The effect of different levels of boron and iron foliar application on growth parameters of wheat seedlings. In: African Crop Science Conference Proceedings . 11, 861-864.	2013

Al-Rousan, W., Ajo, R., Angor, M., Osaili, T. and Nabeel M. Bani-Hani . 2012. Impact of different irrigation levels and harvesting periods on the quantity and quality of Navel oranges (<i>Citrus sinensis</i>) and fruit juice. <i>Journal of Food, Agriculture & Environment</i> . Vol.10 (2): 115-119.	2012
Ziadat; Bruggman; Owais; Haddad; Mazahreh , Shatanawi; Syouf . 2012. A participatory GIS Approach for Assessing land suitability for rainwater Harvesting in Arid Rangeland Environment. Arid Land Research and Management Manuscript . 26:297-311	2008
Naem Th. Mazahreh , Nedal Katbeh-Bader, Steven R. Evett, James E. Ayars, and Thomas J. Trout. 2008. Field Calibration Accuracy and Utility of Four Down-Hole Water Content Sensors. Vadose Zone J. , 7: 992-1000.	2007
M. I. Safi, A. Fardous, M. Muddaber, S. El-Zuraiqi, A. Balaweneh, L. Al-Hadidi, and I. Bashabsheh . 2007. Long Term Effects of Reclaimed Water on Rose and Carnation Cut Flower Crops in Soil and Soilless Media. Journal of Applied Sciences , 7 (8) 1191-1198.	2007
Mahmoud I. Safi, Bulad Ahmed, BlawenahAbeer, Bashabsheh Ibrahim. 2007. Water Use Efficiency and Flower Yield and Quality of Three Matthiolaincana Cultivars Irrigated with Three Types of Water. Asian Journal of Plant Sciences , 6(4). 648-652.	2007
Safi, M. I., A. Bulad, A. Blawenah, and I. Bashabsheh . 2007. Water use efficiency, flower yield and quality of Liliunaziatische irrigated with different water types. International Journal of Agriculture and Biology ,9(2):264-266.	2007
Safi, M., A.N. Fardous, M. Mdabber, S. Zureiki, L. Al-Hadid, I. Bashabsheh . 2006 Chemical Effect of Reclaimed Water on Soil and Rose Tissue, Planted in Soil and Tuff Media. Journal of Applied Horticulture ,8 (1): 65-69.	2006
Karadsheh, Ismat. , E. H. Sourell. 2005. Teilflaechen spezifische Beregnung: Eine neue Beregnungsstrategie. Land Technik , 3: 140-141.	2005
Safi, M., A.N. Fardous, M. Mdabber, S. Zureiki, L. Al-Hadid, I. Bashabsheh . 2006. Chemical Effect of Reclaimed Water on Soil and Carnation Tissue, Planted in Soil and Tuff Media. Bul. J. Agric. Sci. ,12 (4): 559-569.	2005

Safi, M. , 2005. Flower Production Related to Re-loomng Time of Three <i>Rosa hybrida</i> Cultivars in Response to Rootstock Type. Science Asia 31(2). 179-181.	2005
Safi, M., A.N. Fardous, M. Mdabber, S. Zureiki, L. Al-Hadid, I. Bashabsheh. 2005. Effect of Treated Saline Water on Flower Yield and Quality of Roses <i>Rosa hybrida</i> and Carnation <i>Dianthus caryophyllus</i> . Science Asia , 31(4):335-339.	2005
Safi, M., A.N. Fardous, M. Mdabber, S. Zureiki, L. Al-Hadid, I. Bashabsheh. 2005. Evaluation of Yield Responses of Carnation and Rose Cut Flowers to Salinity. Mu'tah Lil Buhuth Wa-Dirasat , 20(2): 89-104.	2004
Safi, M., J. Sawan. 2004. Growth and Flower Quality of Three <i>Rosa hybrida</i> Cultivars in Response to Rootstock. Mu'tah Lil Buhuth Wa-Dirasat ,19(1): 11-24.	2004
Safi, M., J. Sawan. 2004. Rootstock effects on yield and mineral composition of rose cut flowers. Journal of Applied Horticulture , 6 (2):94-98.	2004
Safi, M., J. Sawan. 2004. Rose Vase Life and Water Relations in Response to Rootstock Type. Mu'tah Lil Buhuth Wa-Dirasat , 19(1): 25-36.	2004
Munir J. Mohammad, and N. Mazahreh. 2003. Changes in soil fertility parameters in response to irrigation of forage crops with secondary treated wastewater. Communication in Soil Science and Plant Analysis . 34 (9&10):1281-1294	2003