

Prof. Erdal ELKOCA

Personal Information

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Education Information

Doctorate, Ataturk University, Turkey 1998 - 2003

Research Areas

Infield Plants

Academic Titles / Tasks

Professor, Ataturk University, Ziraat Fakültesi, 2024 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of effects of water-saving superabsorbent polymer on corn (*Zea mays* L.) yield and phosphorus fertilizer efficiency**
GÜNEŞ A., KİTİR N., TURAN M., ELKOCA E., YILDIRIM E., AVCI N.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.40, no.3, pp.365-378, 2016 (SCI-Expanded)
- II. **THE SYMBIOTIC PERFORMANCE AND PLANT NUTRIENT UPTAKE OF CERTAIN NATIONALLY REGISTERED CHICKPEA (*CICER ARIETINUM* L.) CULTIVARS OF TURKEY**
ELKOCA E., Kocli T., GÜNEŞ A., TURAN M.
JOURNAL OF PLANT NUTRITION, vol.38, no.9, pp.1427-1443, 2015 (SCI-Expanded)
- III. **Seed Size and Shape Analysis of Registered Common Bean (*Phaseolus vulgaris* L.) Cultivars in Turkey Using Digital Photography**
Kara M., Sayinci B., Elkoca E., Ozturk I., OZMEN T. B.
TARIM BILIMLERI DERGISI-JOURNAL OF AGRICULTURAL SCIENCES, vol.19, no.3, pp.219-234, 2013 (SCI-Expanded)
- IV. **Determination of Dry Matter Yield and Yield Components of Local Forage Pea (*Pisum sativum* ssp *arvense* L.) Ecotypes**
Tan M., Koç A., Gül Z., Elkoca E., Gul I.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BILIMLERI DERGISI, vol.19, no.4, pp.289-296, 2013 (SCI-Expanded)
- V. **IDENTIFICATION OF BEAN GENOTYPES FROM TURKEY RESISTANCE TO COMMON BACTERIAL BLIGHT AND HALO BLIGHT DISEASES**
DÖNMEZ M. F., ŞAHİN F., ELKOCA E.
ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS, vol.12, no.4, pp.139-151, 2013 (SCI-Expanded)
- VI. **GENETIC DIVERSITY OF COMMON BEAN (*Phaseolus vulgaris* L.) LANDRACES GROWN IN NORTHEAST ANATOLIA OF TURKEY ASSESSED WITH SIMPLE SEQUENCE REPEAT MARKERS**
KHAIDIZAR M. I., HALILOĞLU K., Elkoca E., AYDIN M., KANTAR F.

- TURKISH JOURNAL OF FIELD CROPS, vol.17, no.2, pp.145-150, 2012 (SCI-Expanded)
- VII. **EFFECTS OF SINGLE, DUAL AND TRIPLE INOCULATIONS WITH BACILLUS SUBTILIS, BACILLUS MEGATERIUM AND RHIZOBIUM LEGUMINOSARUM BV. PHASEOLI ON NODULATION, NUTRIENT UPTAKE, YIELD AND YIELD PARAMETERS OF COMMON BEAN (PHASEOLUS VULGARIS L. CV. 'ELKOCA-05')**
ELKOCA E., TURAN M., Donmez M. F.
JOURNAL OF PLANT NUTRITION, vol.33, no.14, pp.2104-2119, 2010 (SCI-Expanded)
- VIII. **Effects of rhizobium strains isolated from wild chickpeas on the growth and symbiotic performance of chickpeas (Cicer arietinum L.) under salt stress**
Ogutcu H., Kasimoglu C., ELKOCA E.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.34, no.5, pp.361-371, 2010 (SCI-Expanded)
- IX. **Physico-chemical grain properties of new common bean cv. 'Elkoca-05'**
OZTURK I., KARA M., ELKOCA E., ERCİŞLİ S.
SCIENTIFIC RESEARCH AND ESSAYS, vol.4, no.2, pp.88-93, 2009 (SCI-Expanded)
- X. **Mineral composition of some Kabuli chickpea (Cicer arietinum L.) cultivars leaves**
TURAN M., ELKOCA E.
ASIAN JOURNAL OF CHEMISTRY, vol.20, no.4, pp.2690-2700, 2008 (SCI-Expanded)
- XI. **Influence of nitrogen fixing and phosphorus solubilizing bacteria on the nodulation, plant growth, and yield of chickpea**
ELKOCA E., Kantar F., ŞAHİN F.
JOURNAL OF PLANT NUTRITION, vol.31, no.1, pp.157-171, 2008 (SCI-Expanded)
- XII. **The determination of symbiotic effectiveness of Rhizobium strains isolated from wild chickpeas collected from high altitudes in erzurum**
OGUTCU H., ALGUR Ö. F., Elkoca E., KANTAR F.
TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.32, no.4, pp.241-248, 2008 (SCI-Expanded)
- XIII. **Hydro- and osmopriming improve chickpea germination**
Elkoca E., Haliloglu K., EŞİTKEN A., Ercisli S.
ACTA AGRICULTURAE SCANDINAVICA SECTION B-SOIL AND PLANT SCIENCE, vol.57, no.3, pp.193-200, 2007 (SCI-Expanded)
- XIV. **Chickpea yields in relation to rhizobium inoculation from wild chickpea at high altitudes**
KANTAR F., ELKOCA E., OGUTCU H., Algur O.
JOURNAL OF AGRONOMY AND CROP SCIENCE, vol.189, no.5, pp.291-297, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **CHARACTERIZATION OF ISPIR DRY BEAN (PHASEOLUS VULGARIS L.) LINES FOR SEED QUALITY TRAITS**
Elkoca E., AYDOĞAN C., Haliloglu K., AYDIN M.
Anadolu Tarım Bilimleri Dergisi, vol.38, no.2, pp.353-372, 2023 (Peer-Reviewed Journal)
- II. **Mercimek tahıl karışımlarında verim ve verim unsurları**
KANTAR F., ÖZTÜRK A., ELKOCA E.
Atatürk Üniv. Ziraat Fak. Derg., vol.29, pp.187-197, 1998 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Nonsymbiotic and Symbiotic Bacteria Efficiency for Legume Growth Under Different Stress Conditions**
TURAN M., KTIR N., ELKOCA E., URAS U. D., UNEK U. C., NİKEREL İ. E., ÖZDEMİR Ö. B., TARHAN L., EŞİTKEN A., YILDIRIM E., et al.

Refereed Congress / Symposium Publications in Proceedings

- I. **Antik çağlardan günümüze kinoa (Cheneopodium quinoa Willd.).**
TAN M., ELKOCA E., TEMEL S.
Türkiye 11. Tarla Bitkileri Kongresi, Çanakkale, Turkey, 7 - 10 September 2015, pp.326-329
- II. **Antik çağlardan günümüze kinoa (Cheneopodium quinoa Willd.).**
TAN M., ELKOCA E., TEMEL S.
Türkiye 11. Tarla Bitkileri Kongresi, Çanakkale, Turkey, 7 - 10 September 2015, pp.326-329
- III. **Doğu Anadolu Bölgesinden toplanan yem bezelyesi populasyonlarının bazı özellikleri.**
TAN M., KOÇ A., ÇOMAKLI B., ELKOCA E.
Uluslararası Katılımlı 1. Ali Numan Kırac Tarım Kongresi, Eskişehir, Turkey, 27 - 30 April 2010, pp.161-167
- IV. **Doğu Anadolu Bölgesinden toplanan yem bezelyesi populasyonlarının bazı özellikleri.**
TAN M., KOÇ A., ÇOMAKLI B., ELKOCA E.
Uluslararası Katılımlı 1. Ali Numan Kırac Tarım Kongresi, Eskişehir, Turkey, 27 - 30 April 2010, pp.161-167
- V. **Farklı Ekim Öncesi Tohum Uygulama Prımını ve Sürelerinin Melez Yoncada Medicago varia L Çimlenme Performansına Etkileri**
GÜLLAP M. K., ELKOCA E., HALİLOĞLU K., KOÇ A., DAŞCI M.
VII. Tarla Bitkileri Kongresi, Turkey, 25 - 27 June 2007, vol.2, pp.399-403

Metrics

Publication: 22

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Citation (Scopus): 474

H-Index (WoS): 10

H-Index (Scopus): 9