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**EDUCATION**

**In Agronomy - Seed Science and Technology**Gorgan University of Agriculture and Natural Resorces 2008-2012  
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**PUBLICATIONS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **696** | **13** | **125** | **61** | **7** |
| Citations | h-Index | Article | Conference | Book |

***Articles***

**1.** Comparative study of influence of water stress on effectiveness of sulfosulfuron to two species of weeds through biomass and photo-physiological parameters. Abdolahinoruzi Mahbubeh, Benakashani Fatemeh, Soltani Elias, Karimi Soheil, Akbari Gholamabas (2024)., Crop Protection, 178(5), 106589.  
  
**2.** Study of growth indices and yield of double haploid lines of Camelina plant (Camelina sativa L.). حسینی فرد مرجان السادات, Ghorbani Javid Majid, Soltani Elias, Allah Dadi Eiraj, دانیال کهریزی (2023)., Crop Production, 16(2), 23-42.  
  
**3.** The effect of seed priming with chitosan on germination characteristics and activity of antioxidant enzymes in rice seedlings (Oryza Sativa L.) under salinity stress. سعادت هانیه, Soltani Elias, صدقی محمد (2023)., Journal of Plant process and function, 12(54), 239-258.  
  
**4.** Seed Priming Improves Enzymatic and Biochemical Performances of Rice During Seed Germination under Low and High Temperatures. Monajem Salar, Soltani Elias, Zeinali Ebrahim, ESFAHANI Masoud, Ghaderi Far Farshid, HOSSEINI CHALESHTORI Maryam, REZAEI Atefeh (2023)., Rice Science, 30(4), 335-347.  
  
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**8.** Effect of foliar application of titanium dioxide nanoparticles in water deficit irrigation on some morphological and physiological traits and wheat yield. صالحی امیرعطا, فرهوش فرهاد, Akbari Gholamabas, Soltani Elias, بهرام میرشکاری (2023)., Journal of Plant process and function, 12(53), 409-434.  
  
**9.** The effect of fine dust stress on some functional and physiological characteristics of Salsola imbricata and Salicornia ibricata at different planting dates. Alipoor Saeideh, Soltani Elias, Allah Dadi Eiraj, Ghorbani Javid Majid, Akbari Gholamabas (2023)., Environment Stress in Crop Sciences, 16(1), 213-228.  
  
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**11.** Wheat Yield Gap Assessment in Using the Comparative Performance Analysis (CPA). Kambiz Moutab, Ghorbani Javid Majid, Allah Dadi Eiraj, Soltani Elias, صوفی زاده سعید, Gonzalez-Andujar Jose Luis (2023)., Agronomy-Basel, 13(3), 705.  
  
**12.** A meta analysis of drought stress impact on the yield of some important forage grain crops in Iran. Golzardi Farid, ماهرخ علی, عزیزی فرهاد, زمانیان محمد, مفیدیان سید محمد علی, Rahjou Vahid, خزائی عظیم, مقدم علی, قطبی ویدا, ترابی مسعود, Soltani Elias (2023)., Journal of Crop Science Research in Arid Regions/, 4(2), 389-403.  
  
**13.** Relay cropping for sustainable intensification of agriculture across temperate regions: Crop management challenges and future research priorities. Lamichhane Jay Ram, Alletto Lionel, Cong Wen-Feng, Dayoub Elana, Maury Pierre, Plaza-Bonilla Daniel, Reckling Moritz, Saia Sergio, Soltani Elias, Tison Gilles, Debaeke Philippe (2023)., Field Crops Research, 291(108795), 108795.  
  
**14.** A Model for Changes in Germination Synchrony and Its Implements to Study Weed Population Dynamics: A Case Study of Brassicaceae. Maleki Keyvan, ملکی کوروش, Soltani Elias, Oveisi Mosataf, خوزه لوییس گنزالز اندوخار (2023)., Plants, 12(2), 233.  
  
**15.** Mitochondria Specific Antioxidant, MitoTEMPO, Modulates Cd Uptake and Oxidative Response of Soybean Seedlings. [] [], Deckert Joanna, Akbari Gholamali, Soltani Elias, Chmielowska-Bak Jagna (2022)., ANTIOXIDANTS, 11(11), 2099.  
  
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**18.** Seed germination thermal niche differs among nine populations of an annual plant: A modeling approach. ملکی کیوان, Baskin Carol, Baskin Jerry, KIANI MOHADESEH, Allah Dadi Eiraj, Soltani Elias (2022)., Ecology and Evolution, 12(8).  
  
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**20.** Evaluation of seed yield and oil content of 40 camelina (Camelina sativa L.) doubled haploid lines. حسینی فرد مرجان السادات, Ghorbani Javid Majid, Soltani Elias, Allah Dadi Eiraj, دانیال کهریزی (2022)., Journal of Crops Improvement, 24(2).  
  
**21.** Biological seed treatments promote crop establishment and yield: a global meta-analysis. Lamichhane Jay Ram, Corrales David Camilo, Soltani Elias (2022)., AGRONOMY FOR SUSTAINABLE DEVELOPMENT, 42(3).  
  
**22.** Contribution of Exogenous Proline to Abiotic Stresses Tolerance in Plants: A Review. حسینی فرد مرجان السادات, Stefaniak Szymon, Ghorbani Javid Majid, Soltani Elias, Wojtyla Lukasz, Garnczarska Malgorzata (2022)., INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, 23(9), 5186.  
  
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**24.** Differential Seed Germination Responses of Tomato Landraces to Temperature under Climate Change Scenarios. Sousaraei Naeimeh, Torabi Benjamin, Soltani Elias, Mashayekhi Kambiz, Medina Joaquin (2022)., Seeds, 1(1), 36-48.  
  
**25.** Application of a process-based model to quantifying dormancy loss in seeds of Parrotia persica C.A. Meyer. Soltani Elias, ملکی کیوان, Heshmati Siavash (2022)., SOUTH AFRICAN JOURNAL OF BOTANY, 144(1), 97-104.  
  
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**27.** The effect of slow release urea-hydrogel complex fertilizer on chlorophyll fluorescence and morphological traits of barley under water deficit stress. Akbari Shiva, Allah Dadi Eiraj, Ghorbani Javid Majid, Kabiri Kourosh, Soltani Elias (2021)., Iranian Journal of Field Crop Science, 52(4), 165-177.  
  
**28.** Study the antioxidant enzymes’ activity and biochemical responses of Safflower as affected by foliar application of melatonin under drought condition. Heshmati Siavash, Akbari Gholamabas, Soltani Elias, amini dehaghi majid, fathi kayvan, ملکی کیوان (2021)., Journal of Crops Improvement, 23(4).  
  
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**30.** Effect of Osmotic Potential on Seed Germination and Biochemical Indices of different Christ's thorn (Ziziphus spina–christi) Populations. منصوری مهناز, مرادی علی, Balouchi Hamid Reza, Soltani Elias (2021)., Iranian Journal of Seed Research, 8(2), 1-22.  
  
**31.** A quantitative analysis of primary dormancy and dormancy changes during burial in seeds of Brassica napus. ملکی کیوان, Soltani Elias, عرب حسینی علی, Aghili lake Mozhdeh (2021)., NORDIC JOURNAL OF BOTANY, 39(8).  
  
**32.** Maternal environment and genetic mechanisms that regulate primary dormancy and the rate of dormancy loss in barley seeds. Soltani Elias, Taheri Pourfard Zahra Sadat, Ghazvini Habiballa, Izadi Darbandi Ali (2021)., Journal of Crop Improvement, 36(1), 1-18.  
  
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**34.** The Effect of Nitrogen Fertilizer and Different Strains of Symbiosis Bacterium on Quantitative and Qualitative Traits of Guar (Cyamopsis tetragonoloba) under Various Water Regimes. Norouzi Saeed, Akbari Gholamali, Allah Dadi Eiraj, Soltani Elias, Norouzian Mohammad Ali (2021)., Agriculture Science and Sustainable Production, 31(2), 339-359.  
  
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**37.** A study on the photosynthetic pigments and phenolic compounds of safflower in response to foliar application of melatonin under water deficit condition. Heshmati Siavash, Akbari Gholamabas, Soltani Elias, amini dehaghi majid, فتحی امیرخیز کیوان, ملکی کیوان (2021)., Journal of Plant process and function, 10(41), 279-294.  
  
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**39.** Quantification of salinity stress and drought effects on fourteen ecotypes of black caraway (Nigella sativa L.) medicinal plant. نظامی وند چگینی رویا, Benakashani Fatemeh, Allah Dadi Eiraj, Soltani Elias (2021)., Environment Stress in Crop Sciences, 14(1).  
  
**40.** Agronomical Factor Analysis on Grain Maize Yield Decline in Iran with Meta-Analysis Method. ماهرخ علی, Golzardi Farid, عزیزی فرهاد, مفیدیان سید محمد علی, زمانیان محمد تقی, Rahjou Vahid, ترابی مسعود, Soltani Elias (2021)., Journal of Crops Improvement, 23(1), 73-86.  
  
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**43.** Changes of seed quality and germination of some black cumin ecotypes (Nigella sativa L.) during development and maturity. KIANI MOHADESEH, Allah Dadi Eiraj, Soltani Elias, Benakashani Fatemeh (2021)., Plant production research, 27(4).  
  
**44.** Genetic variation of seed physiological development during maturity in some of cumin ecotypes (Cuminum cyminum L.). Faghihi Soheila, Mortazavian Seyed Mohammad Mahdi, Soltani Elias, Akbari Gholamali (2021)., Iranian Journal of Seed Science and Research, 7(4), 491-504.  
  
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**52.** Evaluation of forage Amaranth (Amaranthus hypochondriacus l.) yield via comparing drought tolerance and susceptibility indices. Ahrar Alireza, فرزاد پاکنژاد, Tabatabaei Seyyed Ali, Aghayari Fayaz, Soltani Elias (2020)., Italian Journal of Agrometeorology-Rivista Italiana di Agrometeorologia, 3(3), 31-40.  
  
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**64.** Effects of Salicylic Acid and Application Methods on Daughter Corm Yield and Physiological Characteristics of Saffron (Crocus sativus L.). Ansarian Shirin, Allah Dadi Eiraj, Ghorbani Javid Majid, Soltani Elias (2019)., Journal of Saffron Research, 6(2), 203-218.  
  
**65.** Comparison of Different Models for Determining Time up to 50% Maximum Germination: A Case Study of Cottonseeds (Gossypium hirsutum). Poorali Farnaz, Ghaderi Far Farshid, Soltani Elias, پهلوانی محمدهادی (2019)., Iranian Journal of Seed Research, 5(2), 1-13.  
  
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