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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.

**5.** Meta-Analysis of Agronomic Factors Limiting Clover Forage Production in Iran. زمانیان محمد, Golzardi Farid, ماهرخ علی, عزیزی فرهاد, ترابی مسعود, قطبی ویدا, مفیدیان سید محمد علی, Rahjou Vahid, Soltani Elias (2023)., Journal of Crops Improvement, 25(2), 451-467.

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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.

**23.** Effect of planting date and salinity on biological stability of Salicornia persica against fine dust stress. Alipoor Saeideh, Soltani Elias, Allah Dadi Eiraj, Ghorbani Javid Majid, Akbari Gholamabas (2022)., Crop Production, 15(1).

**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.

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**26.** Investigation of tolerance and sensitivity indices of fodder Amaranth (Amaranthus hypochondriacus L.) under water deficit conditions via principal component analysis. احرار علیرضا, فرزاد پاکنژاد, طباطبایی سید علی, Aghayari Fayaz, Soltani Elias (2021)., Environment Stress in Crop Sciences, 14(4), 929-938.

**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).

**29.** Differences in Germination of ACCase-Resistant Biotypes Containing Isoleucine-1781-Leucine Mutation and Susceptible Biotypes of Wild Oat (Avena sterilis ssp. ludoviciana). Benakashani Fatemeh, Gonzalez-andujar J. L., Soltani Elias (2021)., Plants, 10(11), 2350.

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**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).

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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.

**38.** Variation of seed germination response to temperature in tomato landraces: An adaptation strategy to environmental conditions. Sousaraei Naeimeh, Torabi Benjamin, Mashayekhi Kambiz, Soltani Elias, موسوی زاده سید جواد (2021)., SCIENTIA HORTICULTURAE, 281(109987), 109987.

**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.

**41.** Variation in seed dormancy and germination among populations of Silybum marianum (Asteraceae). Monemizadeh Zahra, Ghaderi Far Farshid, Sadeghipoor Hamidreza, Siahmarguee Asieh, Soltani Elias, Torabi Benjamin, Baskin Carol (2021)., PLANT SPECIES BIOLOGY, 36(3).

**42.** Modeling cardinal temperatures and germination behavior of seeds of Parrotia persica C.A. Meyer as affected by temperature and breaking dormancy treatments. ملکی کیوان, Soltani Elias, Heshmati Siavash (2021)., JOURNAL OF FOREST AND WOOD PRODUCTS (JFWP) (IRANIAN JOURNAL OF NATURAL RESOURCES), 73(4), 427-437.

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**45.** Quantifying seed germination response of deteriorated Trigonella foenum-graecum L. seed to temperatures and water potentials: Thermal time, hydrotime and hydrothermal time models. تیموری حسن, Balouchi Hamid Reza, مرادی علی, Soltani Elias (2021)., Journal of Applied Research on Medicinal and Aromatic Plants, 20(100276), 100276.

**46.** Reproductive biology, ecological life history/demography and genetic diversity of the megagenus Astragalus (Fabaceae, Papilionoideae). Soltani Elias, Benakashani Fatemeh, Baskin Jerry M, Baskin Carol (2021)., The Botanical Review, 87(1), 55-106.

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**49.** Sowing and seedbed management methods to improve establishment and yield of maize, rice and wheat across drought-prone regions: A review. Lamichhane Jay-Ram, Soltani Elias (2020)., Journal of Agriculture and Food Research, 2(100089), 100089.

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**54.** Weed management of Black seed (Nigella sativa) using barley (Hordeum vulgare) and Berseem clover (Trifolium alexandrinum) living mulchs. [] [], Benakashani Fatemeh, Soltani Elias, Ghorbani Javid Majid (2020)., Knowledge of weeds in Iran, 15(2).

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**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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**67.** Selection of basil (Ocimum basilicum L.) full-sib families from diverse landraces. Akbari Gholamabas, Binesh Sahar, Ramshini Hossein, Soltani Elias, amini fatemeh, Mirfazeli Marieh Sadat (2019)., Journal of Applied Research on Medicinal and Aromatic Plants, 12(3), 66-72.

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**80.** Parameterization and evaluation of simple model for simulation of growth and yield of soybean in Tehran climatic condition. Akbari Shiva, Soltani Elias (2017)., Journal of Crops Improvement, 19(3), 751-765.

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**83.** Evaluation of germination of wheat seeds with different levels of seed vigor by using the hydrotime model. Jamali Mojdeh, Ghaderi Far Farshid, Sadeghipoor Hamidreza, Soltani Elias, Alimagham Seyed Majid (2017)., Environment Stress in Crop Sciences, 10(3), 403-413.

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**87.** The investigation of Allelopathic potential of 70 wheat (Triticum aestivum) cultivars on germination and seedling growth of volunteer canola (Brassica napus). Mohammadi Lalabadi Nasrin, Soltani Elias, Oveisi Mosataf, Ramshini Hossein (2017).

**88.** Towards conservation and breeding of Ajowan (Trachyspermum ammi) by assessing ISSR, morphological traits and germination variability. Sadati Sina, Sadat Noori Seyed Ahmad, Ramshini Hossein, Soltani Elias, Foghi Behrouz (2017)., Iranian journal of genetics and plant breeding, 5(1), 21-8.

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