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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAG-4880-2019

ScopusID: 56054738200

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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, Turkey 2012 - 2018

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, Turkey 2011 - 2012

Undergraduate, Firat University, Faculty Of Arts And Sciences, Turkey 2005 - 2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Kuraklık Stresi ve Humik Asitin Ekmeklik Buğdayda (*Triticum aestivum* L.) Bazı Genlerin mRNA İfade

Seviyeleri ve DNA Konformasyon Değişimlerine Etkisi, Atatürk Üniversitesi, Fen Fakültesi, Biyoloji, 2018

Postgraduate, KURAKLIK STRESİNE MARUZ KALAN BUĞDAYDA (*Triticum aestivum*) GENETİK VE EPİGENETİK

DEĞİŞİKLİKLER ÜZERİNE PUTRESİNİN ETKİSİNİN MOLEKÜLER YÖNTEMLER İLE BELİRLENMESİ , Atatürk Üniversitesi,

Fen Fakültesi, Biyoloji/Moleküler Biyoloji, 2012

Research Areas

Life Sciences, Molecular Biology and Genetics, Plant Molecular Genetics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2020 - Continues

Research Assistant PhD, Ataturk University, Fen Fakültesi, Biyoloji, 2011 - 2020

Academic and Administrative Experience

Academic Performance D. Board Member, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2021 - 2023

Bölüm Kalite Komisyonu Üyesi, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2021 - 2023

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, Ziraat Fakültesi, Tarımsal Biyoteknoloji, 2020 - 2023

Courses

Moleküler Hücre Biyolojisi, Undergraduate, 2023 - 2024

Malzeme Bilgisi, Undergraduate, 2023 - 2024

Bitki Doku Kültürü Uygulamaları, Undergraduate, 2021 - 2022

Mezuniyet Çalışması II, Undergraduate, 2021 - 2022

Genomic and Proteomic, Undergraduate, 2021 - 2022

Mezuniyet Çalışması I, Undergraduate, 2021 - 2022

Moleküler Biyoloji, Undergraduate, 2020 - 2021

Advising Theses

Arslan Yüksel E., Fasülyede tuz stresinde ferulik asitin bazı fizyolojik, biyokimyasal ve moleküler etkilerinin belirlenmesi, Postgraduate, B.HİLAL(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Ellagic acid alleviates aluminum and/or drought stress through morpho-physiochemical adjustments and stress-related gene expression in Zea mays L**
AĞAR G., Ergul Y., YÜCE M., ARSLAN YÜKSEL E., AYDIN M., TAŞPINAR M. S.
Environmental Science and Pollution Research, vol.31, no.49, pp.59521-59532, 2024 (SCI-Expanded)
- II. **Chitosan mitigated the adverse effect of Cd by regulating antioxidant activities, hormones, and organic acids contents in pepper (Capsicum annum L.)**
Ekinci M., Shams M., Turan M., Ucar S., Yaprak E., Arslan Yüksel E., Aydın M., Ilhan E., Açar G., Ercişli S., et al.
Heliyon, vol.10, no.17, 2024 (SCI-Expanded)
- III. **L-glutamic Acid and L-aspartic Acid Supplementation Mitigate Heavy Metal-Induced Stress in Phaseolus vulgaris L.**
Arslan Yüksel E.
PHYTON-INTERNATIONAL JOURNAL OF EXPERIMENTAL BOTANY, vol.93, no.9, pp.2189-2207, 2024 (SCI-Expanded)
- IV. **5-Aminolevulinic acid treatment mitigates pesticide stress in bean seedlings by regulating stress-related gene expression and retrotransposon movements**
Arslan Yüksel E., Aydın M., Açar G., Taşpınar M. S.
PROTOPLASMA, vol.261, no.3, pp.581-592, 2024 (SCI-Expanded)
- V. **Growth, physiological, biochemical and DNA methylation responses to cadmium stress of bean (<i>Phaseolus vulgaris</i> L) grown under different irrigation levels**
Yıldırım E., Açar G., Örs Cırık S., Arslan Yüksel E., Aydın M., Ekinci M., Kul R.
PLANT GROWTH REGULATION, vol.101, no.2, pp.537-556, 2023 (SCI-Expanded)
- VI. **Biosynthesis of capsaicinoids in pungent peppers under salinity stress**
Shams M., Yüksel E., Açar G., Ekinci M., Kul R., Turan M., Yıldırım E.
PHYSIOLOGIA PLANTARUM, vol.175, no.2, 2023 (SCI-Expanded)
- VII. **Determination of cadmium and/or drought stress effects on some plant phytohormone contents and hormone gene expressions in bean (Phaseolus vulgaris L)**

Ekinci M., Yıldırım E., Açar G., Yuksel E. A., Aydın M., Örs Cırık S., Kul R.

TURKISH JOURNAL OF AGRICULTURE AND FORESTRY, vol.47, no.3, pp.402-411, 2023 (SCI-Expanded)

- VIII. **Iron toxicity-induced DNA damage, DNA methylation changes, and LTR retrotransposon polymorphisms in Zea mays LTR retrotransposon polymorphisms in Zea m**
Arslan Yüksel E., Aydın M., Taşpınar M. S., Açar G.
TURKISH JOURNAL OF BOTANY, vol.46, no.3, pp.197-204, 2022 (SCI-Expanded)
- IX. **Humic Acid as a Biostimulant in Improving Drought Tolerance in Wheat: the Expression Patterns of Drought-Related Genes**
Arslan E., Açar G., Aydın M.
PLANT MOLECULAR BIOLOGY REPORTER, vol.39, no.3, pp.508-519, 2021 (SCI-Expanded)
- X. **Protection of Phaseolus vulgaris L. from Herbicide 2,4-D Results from Exposing Seeds to Humic Acid**
Aydın M., Arslan E., Yiğider E., Taşpınar M. S., Açar G.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.46, no.1, pp.163-173, 2021 (SCI-Expanded)
- XI. **Salinity induced alteration in DNA methylation pattern, enzyme activity, nutrient uptake and H₂O₂ content in pepper (Capsicum annuum L.) cultivars**
Shams M., Yıldırım E., Arslan E., Açar G.
ACTA PHYSIOLOGIAE PLANTARUM, vol.42, no.4, 2020 (SCI-Expanded)
- XII. **Aluminum-Induced Changes on DNA Damage, DNA Methylation and LTR Retrotransposon Polymorphism in Maize**
TAŞPINAR M. S., AYDIN M., SIGMAZ B., YAGCI S., ARSLAN E., AÇAR G.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.43, no.1, pp.123-131, 2018 (SCI-Expanded)
- XIII. **5-Aminolevulinic acid improves DNA damage and DNA Methylation changes in deltamethrin-exposed Phaseolus vulgaris seedlings**
TAŞPINAR M. S., AYDIN M., ARSLAN E., YAPRAK M., AÇAR G.
PLANT PHYSIOLOGY AND BIOCHEMISTRY, vol.118, pp.267-273, 2017 (SCI-Expanded)
- XIV. **Analyses of somaclonal variation in endosperm-supported mature embryo culture of rye (Secale cereale L.)**
AYDIN M., ARSLAN E., TAŞPINAR M. S., KARADAYI G., AÇAR G.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.30, no.6, pp.1082-1089, 2016 (SCI-Expanded)
- XV. **Effects of As₂O₃ on DNA methylation, genomic instability, and LTR retrotransposon polymorphism in Zea mays**
ERTURK F. A., AYDIN M., SIGMAZ B., TAŞPINAR M. S., ARSLAN E., AÇAR G., YAGCI S.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.22, no.23, pp.18601-18606, 2015 (SCI-Expanded)
- XVI. **Cytogenetic and epigenetic alterations by cobalt and nickel on Zea mays L**
ERTURK F. A., AÇAR G., NARDEMİR G., ARSLAN E.
Toxicological and Environmental Chemistry, vol.97, no.10, pp.1350-1362, 2015 (SCI-Expanded)
- XVII. **The role of putrescine against the long terminal repeat (LTR) retrotransposon polymorphisms induced by salinity stress in Triticum aestivum**
SIGMAZ B., AÇAR G., ARSLAN E., AYDIN M., TAŞPINAR M. S.
ACTA PHYSIOLOGIAE PLANTARUM, vol.37, no.11, 2015 (SCI-Expanded)
- XVIII. **Analysis of genetic and epigenetic effects of maize seeds in response to heavy metal (Zn) stress**
Erturk F. A., AÇAR G., ARSLAN E., Nardemir G.
Environmental Science and Pollution Research, vol.22, no.13, pp.10291-10297, 2015 (SCI-Expanded)
- XIX. **Determination of genetic and epigenetic effects of glyphosate on Triticum aestivum with RAPD and CRED-RA techniques**
Nardemir G., AÇAR G., ARSLAN E., ERTURK F. A.
Theoretical and Experimental Plant Physiology, vol.27, no.2, pp.131-139, 2015 (SCI-Expanded)
- XX. **Determination of genotoxic effects of boron and zinc on Zea mays using protein and random amplification of polymorphic DNA analyses**
ERTURK F. A., NARDEMİR G., HİLAL A. Y., ARSLAN E., AÇAR G.
Toxicology and Industrial Health, vol.31, no.11, pp.1015-1023, 2015 (SCI-Expanded)

- XXI. **Auxin effects on somaclonal variation and plant regeneration from mature embryo of barley (*Hordeum vulgare* L.)**
AYDIN M., TAŞPINAR M. S., ARSLAN E., SIGMAZ B., AĞAR G.
Pakistan Journal of Botany, vol.47, no.5, pp.1749-1757, 2015 (SCI-Expanded)
- XXII. **Determination of genomic instability and DNA methylation effects of Cr on maize (*Zea mays* L.) using RAPD and CRED-RA analysis**
Erturk F. A., Ağar G., Arslan E., Nardemir G., Sahin Z.
Acta Physiologiae Plantarum, vol.36, no.6, pp.1529-1537, 2014 (SCI-Expanded)
- XXIII. **Protective role of humic acids against dicamba-induced genotoxicity and DNA methylation in *Phaseolus vulgaris* L.**
Yildirim N., Ağar G., Taşpınar M. S., Turan M., Aydın M., Arslan E.
ACTA AGRICULTURAE SCANDINAVICA SECTION B-SOIL AND PLANT SCIENCE, vol.64, no.2, pp.141-148, 2014 (SCI-Expanded)
- XXIV. **Effects of lead sulfate on genetic and epigenetic changes, and endogenous hormone levels in corn (*Zea mays* L.)**
Erturk F. A., AĞAR G., ARSLAN E., Nardemir G., AYDIN M., TAŞPINAR M. S.
Polish Journal of Environmental Studies, vol.23, no.6, pp.1925-1932, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of L-Arginine on Alleviating Salt Stress through Antioxidant Enzymes Activity in *Zea mays***
Arslan Yuksel E.
Türk Tarım - Gıda Bilim ve Teknoloji dergisi, vol.12, no.3, pp.447-452, 2024 (Peer-Reviewed Journal)
- II. **Putrescine in Herbicide Stress Protection: Modulate the Genomic Instability and DNA Methylation Changes in Wheat**
Arslan E.
Avrupa Bilim ve Teknoloji Dergisi, vol.19, pp.442-448, 2020 (Peer-Reviewed Journal)
- III. **PUTRESCINE AS A PROTECTIVE MOLECULE ON DNADAMAGE AND DNA METHYLATION CHANGES IN WHEAT UNDER DROUGHT**
ARSLAN E., AĞAR G., AYDIN M.
Communications Faculty of Sciences University of Ankara Series C Biology, vol.29, no.2, pp.170-197, 2019 (Peer-Reviewed Journal)
- IV. **Alleviative role of B-estradiol against 2,4-dichlorophenoxyacetic acid genotoxicity on common bean genome Fasulye genomunda 2,4-diklorofenoksiasetik asit genotoksisitesine karşı B-östradiolün hafifletici rolü**
TAŞPINAR M. S., SIGMAZ B., AYDIN M., ARSLAN E., AĞAR G.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.28, no.1, pp.1-9, 2018 (Scopus)
- V. **Protective Role of Putrescine against Picloram Induced Genomic Instability and DNA Methylation in *Phaseolus vulgaris***
TAŞPINAR M. S., ARSLAN E., AYDIN M., SIGMAZ B., AĞAR G.
Journal of the Institute of Science and Technology, vol.7, no.4, pp.271-279, 2017 (Peer-Reviewed Journal)
- VI. **Determination of iron toxicity on DNA methylation in *Zea mays***
TAŞPINAR M. S., SIGMAZ B., AYDIN M., ARSLAN E., AĞAR G.
International Journal of Advances in Science Engineering and Technology, vol.3, pp.59-61, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **The Ameliorative Effects of Exogenously Applied Chitosan on Growth and Physiological Parameters**

of Tomato (*Solanum lycopersicum* L.) Seedlings under Drought Stress.

KUL R., EKİNCİ M., AĞAR G., ÖRS S., ARSLAN E., YILDIRIM E.

Proceedings of the 2st International Conference on Food, Agriculture and Animal Sciences (ICOFAAS 2019)
Antalya, Turkey, 8-11 November 2019, 9 - 11 November 2019

- II. **Role of Putrescine on Genomic Instability Caused by Salinity Stress in *Triticum Aestivum* L.**
ARSLAN E., AĞAR G., AYDIN M., TAŞPINAR M. S.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE BIOLO, Ağrı, Turkey, 19 - 22 June 2019, vol.1, pp.341-348
- III. **B-estrodiole as a Protective Hormone in DNA Methylation Changes of Dicamba-Treated *Phaseolus Vulgaris***
ARSLAN E., AĞAR G., AYDIN M., TAŞPINAR M. S.
4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCE BIOLOG, Ağrı, Turkey, 19 - 22 June 2019, vol.1, pp.349-354
- IV. **Salinity and putrescine effects on DNA methylation changes in *Triticum aestivum***
TAŞPINAR M. S., AYDIN M., ARSLAN E., SIGMAZ B., AĞAR G.
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- V. **Aluminum Induced DNA Methylation Changes in *Zea mays*.**
AYDIN M., TAŞPINAR M. S., ARSLAN E., YAGCI S., AĞAR G.
II. International Conference on Advances in Natural and Applied Sciences (ICANAS 2017), 18 - 21 April 2017
- VI. **Dicamba Causes Genomic Instability in *Phaseolus vulgaris* Seedlings**
AYDIN M., TAŞPINAR M. S., ARSLAN E., YAGCI S., AĞAR G.
International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Turkey, 18 - 21 April 2017, vol.1833
- VII. **Study of Iron Genotoxicity Using RAPD in *Phaseolus vulgaris***
AYDIN M., TAŞPINAR M. S., ARSLAN E., AĞAR G.
International Agriculture Congress, Belgrade, Serbia And Montenegro, 14 - 18 November 2016
- VIII. **Role of Putrescine against Picloram Induced DNA Methylation in *Phaseolus vulgaris***
ARSLAN E., TAŞPINAR M. S., AYDIN M., AĞAR G.
International Conference On Biological Sciences (ICBS), Konya, Turkey, 21 - 23 October 2016, vol.1, pp.181
- IX. **Determination of Aluminum Genotoxicity in *Zea mays***
AYDIN M., TAŞPINAR M. S., ARSLAN E., AĞAR G.
International Conference On Biological Sciences (ICBS), Konya, Turkey, 21 - 23 October 2016, vol.1, pp.55
- X. ***Phaseolus vulgaris* te Paraquatın Sebep Olduğu DNA Metilasyonuna Karşı östrodiolün Koruyucu Rolü**
ARSLAN E., YAĞCI S., SİĞMAZ B., AĞAR G., AYDIN M., KARADAYI G.
23. Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016
- XI. **Mısırdaki *Zea mays* L Trifluralinin Sebep Olduğu DNA Hasarı ve Genomik Kararsızlığa Karşı Putrescinin Koruyucu Rolü**
ARSLAN E., YAĞCI S., SİĞMAZ B., AĞAR G., TAŞPINAR M. S.
23.Ulusal Biyoloji Kongresi, Gaziantep, Turkey, 5 - 09 September 2016
- XII. **Determination of Iron Toxicity on DNA Methylation in *Zea Mays***
TAŞPINAR M. S., SIGMAZ B., AYDIN M., ARSLAN E., AĞAR G.
Proceedings of ISER 19th International Conference, LİZBON, Portugal, 31 January 2016, pp.55-57
- XIII. **Protective Role of Putrescine on Genomic Instability Caused by Salinity Stress in *Triticum aestivum***
AĞAR G., TAŞPINAR M. S., AYDIN M., ARSLAN E., SIGMAZ B.
8th International Conference on Chemical, Ecology and Environmental Sciences (ICCEES'2016), Dubai, United Arab Emirates, 12 - 13 January 2016, pp.39-42
- XIV. **Fasulye Fidelerinde Paraquatın Sebep Olduğu Genomik Kararsızlıkta Humik Asitin Koruyucu Rolünün RAPD Analizleriyle Belirlenmesi**
ARSLAN E., AĞAR G., TURAN M., ŞAHİN F., DİZMAN M., GÜNEŞ A.
Türkiye Doğal Beslenme ve Yaşam Boyu Sağlık Zirvesi, Turkey, 20 - 23 May 2015
- XV. ***Vicia faba* da Fipronilin Neden Olduğu Genomik Kararsızlık Üzerine Humik Asitin Etkisinin RAPD PCR**

ile Belirlenmesi

ARSLAN E., TURAN M., TAŞPINAR M. S., AĞAR G., DİZMAN M., GÜNEŞ A., GÜLLÜCE M., ŞAHİN F., KARAMAN M.
Türkiye Doğal Beslenme ve Yaşam Boyu Sağlık Zirvesi, Turkey, 20 - 23 May 2015

- XVI. **Mısırdaki Zea mays L. Alüminyum Toksikitesinin Sebep Olduğu DNA Hasarı ve Genomik Kararsızlığa Karşı Humik Asitin Koruyucu Aktivitesi**
ARSLAN E., AĞAR G., SİĞMAZ B., TURAN M., DİZMAN M., GÜNEŞ A.
Türkiye Doğal Beslenme ve Yaşam Boyu Sağlık Zirvesi, Turkey, 20 - 23 May 2015
- XVII. **Determination of effect of manganese toxicity on LTR RTS polymorphism in Zea mays**
TAŞPINAR M. S., YIGIDER E., ARSLAN E., AĞAR G., AYDIN M.
1st International Conference on Engineering and Natural Sciences, ÜSKÜP, Macedonia, 15 - 19 May 2015
- XVIII. **Effect of picloram on DNA methylation in common bean Phaseolus vulgaris L**
ARSLAN E., AYDIN M., TAŞPINAR M. S., SİĞMAZ B., YAGCI S., AĞAR G.
1st International Conference on Engineering and Natural Sciences, ÜSKÜP, Macedonia, 15 - 19 May 2015
- XIX. **Determination of effect of manganese toxicity on LTR RTS polymorphism in Zea mays**
TAŞPINAR M. S., YIGIDER E., ARSLAN E., AĞAR G., AYDIN M.
1st International Conference on Engineering and Natural Sciences, 15 - 19 May 2015
- XX. **Analyses of somaclonal variation in endosperm supported mature embryo culture of rye Secale cereale L**
AYDIN M., ARSLAN E., TAŞPINAR M. S., AĞAR G., NARDEMİR G.
1st International Conference on Engineering and Natural Sciences, ÜSKÜP, Macedonia, 15 - 19 May 2015
- XXI. **Protective Role Of Humic Acids On Genomic Instability Caused Paraquat In Phaseolus Vulgaris L. Seedlings By Using RAPDs Analysis**
GÜLLÜCE M., ARSLAN E., AĞAR G., ÖĞÜTÇÜ H., ŞAHİN F.
International Global Issues In Multidisciplinary Academic Research Dubai- Uae, Dubai, United Arab Emirates, 5 - 06 January 2015, pp.1
- XXII. **Role of Humic Acids on DNA Hypomethylation Caused Fipronil Stress in Vicia faba Seedlings**
TURAN M., ARSLAN E., AĞAR G., TAŞPINAR M. S., GÜLLÜCE M., ÖĞÜTÇÜ H., ŞAHİN F.
the 17th meeting of IHSS 2014, Atina, Greece, 1 - 05 September 2014, pp.1
- XXIII. **Effects of Chromium Nitrate on Phytohormone Content and Mitotic Activity in Maize (Zea mays L.) Seedlings**
ERTÜRK F. A., AĞAR G., ARSLAN E., GÜLLÜCE M., TURAN M., ŞAHİN F.
20th World Congress of Soil Science (WCSS), Seoul, South Korea, 8 - 13 June 2014, pp.163
- XXIV. **Protective Role of Humic Acids on DNA Methylation Caused Cadmium Stress in Vicia faba Seedlings**
AĞAR G., ARSLAN E., GÜLLÜCE M., TURAN M., ŞAHİN F.
20th World Congress of Soil Science (WCSS), Seoul, South Korea, 8 - 13 June 2014, pp.220
- XXV. **Effect of 2,4-D on DNA methylation in common bean (Phaseolus vulgaris L.).**
AYDIN M., ARSLAN E., TAŞPINAR M. S., SİĞMAZ B., AĞAR G.
2nd International Conference on Environmental Science and Technology, Antalya, Turkey, 14 - 17 May 2014
- XXVI. **Tohumlarında Trifluralinin Neden Olduğu DNA Mutasyonundaki Değişikliğin CRED-RA İle Belirlenmesi**
AĞAR G., ARSLAN E., GÜLLÜCE M., TURAN M., ŞAHİN F.
EKOLOJİ 2014, Kıbrıs-Gazimağusa, Turkey, 1 - 04 May 2014
- XXVII. **Phaseolus vulgaris L.' de Paraquatın Neden DNA Metilasyonundaki Değişikliğin CRED-RA İle Belirlenmesi, EKOLOJİ 2014**
GÜLLÜCE M., ARSLAN E., AĞAR G., TURAN M., ŞAHİN F.
EKOLOJİ 2014, Kıbrıs-Gazimağusa, Turkey, 1 - 04 May 2014
- XXVIII. **Zea mays L. Tohumlarında Trifluralinin Neden Olduğu DNA Mutasyonundaki Değişikliğin CRED-RA İle Belirlenmesi**
AĞAR G., ARSLAN E., GÜLLÜCE M., TURAN M., ŞAHİN F.
EKOLOJİ 2014, Gazimağusa, Cyprus (Kktc), 1 - 04 May 2014, pp.1
- XXIX. **Humik Asitin Trifluralinin Neden Olduğu DNA Mutasyonlarına Karşı Koruyucu Rolünün RAPD-PCR**

Yöntemi İle Belirlenmesi

TURAN M., ARSLAN E., AĞAR G., GÜLLÜCE M., ŞAHİN F.

EKOLOJİ 2014, Gazimağusa, Cyprus (Gkry), 1 - 04 May 2014, pp.1

- XXX. **Phaseolus vulgaris L.' de Paraquatın Neden DNA Metilasyonundaki Değişikliğin CRED-RA İle Belirlenmesi**
GÜLLÜCE M., ARSLAN E., AĞAR G., TURAN M., ŞAHİN F.
EKOLOJİ 2014, Gazimağusa, Cyprus (Gkry), 01 May 2014 - 04 May 2007, pp.1
- XXXI. **Protective role of calcium on DNA methylation caused cadmium stress in Vicia faba seedlings, International Conference on Agricultural**
ÖĞÜTCÜ H., ARSLAN E., AĞAR G., GÜLLÜCE M., TURAN M., ŞAHİN F.
Ecological and Medical Sciences (AEMS-2014), 6 - 07 February 2014
- XXXII. **Determination of Epigenetic Effects of Fipronil on Vicia faba by using CRED-RA analysis**
GÜLLÜCE M., ERCİŞLİ S., AĞAR G., ARSLAN E., TURAN M., ŞAHİN F.
International Conference on Agricultural, Ecological and Medical Sciences (AEMS-2014), Bali, Indonesia, 6 - 07 February 2014, pp.1
- XXXIII. **Protective role of Zinc on DNA methylation caused cadmium stress in Vicia faba seedlings**
AĞAR G., ERCİŞLİ S., GÜLLÜCE M., ARSLAN E., TURAN M., ŞAHİN F.
International Conference on Agricultural, Ecological and Medical Sciences (AEMS-2014), Bali, Indonesia, 6 - 07 February 2014, pp.1
- XXXIV. **Genetic changes in maize Zea mays L seedlings induced by chromium pollution using RAPD analysis**
AYGÜN ERTÜRK F., AĞAR G., NARDEMİR G., ARSLAN E., BOZARI S.
ICOEST, 18 - 21 June 2013
- XXXV. **Genotoxic potential of catmint essential oil**
Bozari S., Agar G., Aksakal O., AYGUN F., Arslan E., NARDEMİR G.
Eurobiotech Agriculture Symposium, Kayseri, Turkey, 12 - 14 April 2012, vol.161, pp.41
- XXXVI. **Genotoxic effects of copper (Cu) pollution on Zea mays (L.) seedlings**
ERTURK F. A., Agar G., NARDEMİR G., Bozari S., Aksakal O., Arslan E.
Eurobiotech Agriculture Symposium, Kayseri, Turkey, 12 - 14 April 2012, vol.161, pp.30
- XXXVII. **Molecular determination of genotoxic effects of manganese (Mn) on maize (Zea mays L.) by RAPD**
ERTURK F. A., Agar G., Arslan E., NARDEMİR G., Bozari S.
Eurobiotech Agriculture Symposium, Kayseri, Turkey, 12 - 14 April 2012, vol.161, pp.31
- XXXVIII. **Epigenetic effects of malathion on seeds of Triticumaestivum**
NARDEMİR G., AĞAR G., YANMIS D., ERTURK F. A., ARSLAN E., Bozari S.
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