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Education Information

Doctorate, Istanbul University, Faculty Of Science, Moleküler Biyoloji Ve Genetik, Turkey 2012 - 2016

Postgraduate, Istanbul University, Faculty Of Science, Moleküler Biyoloji Ve Genetik, Turkey 2010 - 2012

Undergraduate, Abant İzzet Baysal Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji, Turkey 2004 - 2009

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Other, Bioinformatics: Computer Methods in Molecular and Systems Biology, ICGEB, 2015

Education Management and Planning, Epigenetik analiz ChIP yöntemi ve ELISA yöntemi optimizasyonu semineri, İstanbul Bilim Üniversitesi, 2015

Education Management and Planning, 3. Flow Sitometri ve Tarımsal Araştırmalarda Kullanımı, Namık Kemal Üniversitesi Sürekli Eğitim Merkezi, 2015

Education Management and Planning, 1. Florasan İn Situ Hibridizasyon Tekniği ve Bitkilerde Kullanım Alanları, Namık Kemal Üniversitesi Sürekli Eğitim Merkezi, 2014

Dissertations

Doctorate, Tuz stresi altında yetiştirilen arpa (*Hordeum vulgare* L.) bitkilerinde homobrassinolid etkisi, İstanbul University, Faculty of Science, Moleküler Biyoloji Ve Genetik, 2016

Postgraduate, Arpa (*Hordeum vulgare* L.) Kültür Varyetelerinde Transpozon ve Kromozom Analizleri , İstanbul University, Faculty of Science, Moleküler Biyoloji Ve Genetik, 2012

Research Areas

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

Academic Titles / Tasks

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determination of Barley-Specific Retrotransposons' Movements in *Pinus nigra* ssp. *pallasiana* Varieties: *pyramidata* and *Seneriana***
MARAKLI S., Calis A., GÖZÜKIRMIZI N.
RUSSIAN JOURNAL OF GENETICS, vol.55, no.1, pp.71-78, 2019 (SCI-Expanded)
- II. **Two lncRNAs Expression Profiles in Salt Stressed Barley (*Hordeum vulgare* L.) Roots**
Karlik E., Marakli S., Gozukirmizi N.
CYTOLOGIA, vol.83, no.1, pp.37-43, 2018 (SCI-Expanded)
- III. **Analyses of Abiotic Stress and Brassinosteroid-Related Some Genes in Barley Roots Grown Under Salinity Stress and HBR Treatments: Expression Profiles and Phylogeny, Plant Biosystems**
MARAKLI S., GÖZÜKIRMIZI N.
PLANT BIOSYSTEMS, vol.153, no.3, pp.324-332, 2018 (SCI-Expanded)
- IV. **Short-term mutagenicity test by using IRAP molecular marker in rice grown under herbicide treatment**
Yilmaz S., Marakli S., Yuzbasioglu G., Gozukirmizi N.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.32, no.4, pp.923-928, 2018 (SCI-Expanded)
- V. **Sukkula retrotransposon movements in the human genome**
Cakmak B., Marakli S., Gozukirmizi N.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.31, no.4, pp.756-760, 2017 (SCI-Expanded)
- VI. **ALLEVIATION OF COPPER STRESS WITH HOMOBRASSINOSTEROID IN GERMINATING SUNFLOWER ROOTS**
Burun K. B., Marakli S., Gozukirmizi N.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.11, pp.4872-4878, 2016 (SCI-Expanded)
- VII. **Analysis of Hopi/Osr27 and Houba/Tos5/Osr13 retrotransposons in rice**
Yuzbasioglu G., Yilmaz S., Marakli S., Gozukirmizi N.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.30, no.2, pp.213-218, 2016 (SCI-Expanded)
- VIII. **Abiotic Stress Alleviation with Brassinosteroids in Plant Roots**
Marakli S., Gozukirmizi N.
ABIOTIC AND BIOTIC STRESS IN PLANTS - RECENT ADVANCES AND FUTURE PERSPECTIVES, pp.373-394, 2016 (SCI-Expanded)
- IX. **Salt Stress and Homobrassinosteroid Interactions during Germination in Barley Roots**
Marakli S., Temel A., Gozukirmizi N.
NOTULAE BOTANICAE HORTI AGROBOTANICI CLUJ-NAPOCA, vol.42, no.2, pp.446-452, 2014 (SCI-Expanded)
- X. **BAGY2 Retrotransposon Analyses in Barley Calli Cultures and Regenerated Plantlets**
Yilmaz S., Marakli S., Gozukirmizi N.
BIOCHEMICAL GENETICS, vol.52, pp.233-244, 2014 (SCI-Expanded)
- XI. **Human endogenous retrovirus H (Herv-H) genome insertion variations in humans**
Guliev M., Yilmaz S., Şahin K., Marakli S., GÖZÜKIRMIZI N.
MOLECULAR MEDICINE REPORTS, vol.7, pp.1305-1309, 2013 (SCI-Expanded)
- XII. **Herbicide Tolerance Genes Derived from Bacteria.**
Kaya Y., Marakli S., GÖZÜKIRMIZI N., Javed M., Huyop F. Z.
Animal and Plants Science Journal, vol.23, no.1, pp.85-91, 2013 (SCI-Expanded)
- XIII. **HERBICIDE TOLERANCE GENES DERIVED FROM BACTERIA**
KAYA Y., Marakli S., Gozikirmizi N., Mohamed E., Javed M. A., HUYOP F.
JOURNAL OF ANIMAL AND PLANT SCIENCES, vol.23, no.1, pp.85-91, 2013 (SCI-Expanded)
- XIV. **Genetic and epigenetic effects of salinity on in vitro growth of barley**

Demirkiran A., Marakli S., Temel A., Gozukirmizi N.

GENETICS AND MOLECULAR BIOLOGY, vol.36, no.4, pp.566-570, 2013 (SCI-Expanded)

- XV. **BARE1 and BAGY2 Retrotransposon movements and Expression Analyses in Developing Barley Seedlings.**

MARAKLI S., YILMAZ S., GÖZÜKIRMIZI N.

BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.26, no.6, pp.3451-3456, 2012 (SCI-Expanded)

- XVI. **BARE1 AND BAGY2 RETROTRANSPOSON MOVEMENTS AND EXPRESSION ANALYSES IN DEVELOPING BARLEY SEEDLINGS**

Marakli S., Yilmaz S., Gozukirmizi N.

BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.26, no.6, pp.3451-3456, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Detection of HERV-K6 and HERV-K11 Transpositions in the Human Genome**

Çakmak B., MARAKLI S., Karlık E., GÖZÜKIRMIZI N.

BIOMEDICAL REPORTS, vol.8, no.6, pp.1-5, 2018 (Scopus)

- II. **Detection of HERV-K6 and HERV-K11 transpositions in the human genome**

Guner B. C., Karlık E., Marakli S., Gozukirmizi N.

BIOMEDICAL REPORTS, vol.9, no.1, pp.53-59, 2018 (ESCI)

- III. **Screening of Oryza sativa L. for Hpt Gene and Evaluation of Hpt Positive Samples Using Houba Retransposon-Based IRAP Markers**

Yüzbaşıoğlu G., MARAKLI S., GÖZÜKIRMIZI N.

Turkish Journal of Agricultural Research, vol.4, no.1, pp.59-64, 2017 (Peer-Reviewed Journal)

- IV. **Effects of Cadmium on Sukkula Retrotransposon Polymorphism in Ailanthus Altissima (Mill.) Swingle**

Igiebor F. C., MARAKLI S., GÖZÜKIRMIZI N.

Journal of Molecular Biology and Genetics, vol.1, no.1, pp.33-36, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Transposon activity in plant genomes**

GÖZÜKIRMIZI N., TEMEL A., Maraklı S., yilmaz s.

in: Plant Omics: Trends and Applications, Hakeem, KR, Tombuloglu, H, Tombuloglu, Editor, Springer, London/Berlin , Switzerland, pp.83-108, 2016

- II. **Abiotic Stress Alleviation with Brassinosteroids in Plant Roots**

MARAKLI S., GÖZÜKIRMIZI N.

in: Abiotic and Biotic Stress, Arun Shanker and Chitra Shanker, Editor, Inteq, Rijeka, pp.373-394, 2016

- III. **Retrotransposon-based molecular markers; Tools for variation analysis in plants**

GÖZÜKIRMIZI N., yilmaz s., MARAKLI S., TEMEL A.

in: Applications of Molecular Markers in Plant Genome analysis and Breeding, Taski-Ajdukovic K., Editor, Research Signpost, Kerala, pp.19-45, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Sukkula retrotransposon analyse in endemic Pinus nigra var.Piramidata and Şeneriana**

GÖZÜKIRMIZI N., Maraklı S.

International Conference in Recent Trends in Biotechnology and Biodiversity Conservation for Sustainable Development(Biotech 2017), Kota-Kinabalu, Malaysia, 26 September - 29 October 2017, vol.1, no.1, pp.34

- II. **Analyses of Sukkula Retrotransposon in Human genome**
Çakmak B., Maraklı S., GÖZÜKIRMIZI N.
VI International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017, vol.1, no.1, pp.231
- III. **Retrotransposon Analyses in Turkey Endemic Pinus nigra ssp.**
GÖZÜKIRMIZI N., Maraklı S.
ICAFOF, Nevşehir, Turkey, 15 - 17 May 2017, vol.1, no.1, pp.1066
- IV. **çeltikte yabancı gen taraması ve hpt pozitif örneklerin Retrotransposon temellili IRAP markır ile değerlendirilmesi**
Yüzbaşıoğlu G., Maraklı S., GÖZÜKIRMIZI N.
Türkiye VI.Bitkii Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016, vol.1, no.1, pp.770
- V. **Kokar ağaç (Ailanthus altissima (Miller)Swingle bitkisinin ağır metal stresi altındaki retro transposon analizleri ve fotosentez aktivitesi**
Igiebor F. C., Maraklı S., GÖZÜKIRMIZI N., BAYÇU KAHYAOĞLU G., MOUSTAKAS M.
Türkiye VI.Bitkii Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016, vol.1, no.1, pp.689
- VI. **Analyses of genetic variations in rice (Oryza sativa L. cvs)by using retrotransposons movements**
GÖZÜKIRMIZI N., Yüzbaşıoğlu G., yilmaz s., MARAKLI S.
EUROPLANT 2016, Praha, Czech Republic, 27 June - 01 July 2016, vol.1, no.1, pp.6
- VII. **Morphological, physiological and molecular characterization of barley roots germinated under salinity and ameliorated with homobrassinosteroid**
Maraklı S., GÖZÜKIRMIZI N.
EUROPLANT 2016, Praha, Czech Republic, 27 June - 01 July 2016, vol.1, no.2, pp.6
- VIII. **., Investigations of Houba (Tos5/Osr13), RIRE1, Hopi (Osr27) and Osr30 retrotransposons movements in rice germinated under herbicide treatments**
GÖZÜKIRMIZI N., Yılmaz S., MARAKLI S., Yüzbaşıoğlu G.
15. International Cereal and Bread Congress, İstanbul, Turkey, 18 - 21 April 2016, pp.10
- IX. **Investigations on salinity and brassinosteroid effects on barley**
MARAKLI S., GÖZÜKIRMIZI N.
15.International Cereal and Bread Congress, İstanbul, Turkey, 18 - 21 April 2016, vol.1, no.1, pp.9
- X. **Varietal difference4s in Hopi/Osr27 and Houba/Tos/Osr 13 retrotransposon movements in Developing Rice Seedlings**
Yüzbaşıoğlu G., Yılmaz S., MARAKLI S., GÖZÜKIRMIZI N.
Green Biotechnology 2015, Kocaeli, Turkey, 21 - 23 September 2015, vol.1, no.1, pp.62
- XI. **Retrotransposon Activity Induced by Herbicide (Bentazone and MCPA) in Rice.**
Yılmaz S., Yüzbaşıoğlu G., Maraklı S., GÖZÜKIRMIZI N.
Green Biotechnology 2015, Kocaeli, Turkey, 21 - 23 September 2015, vol.1, no.1, pp.64
- XII. **Herbicide Induced Retrotransposon Activity in Rice**
Yılmaz S., MARAKLI S., Yüzbaşıoğlu G., GÖZÜKIRMIZI N.
Green Biotechnology 2015, Kocaeli, Turkey, 21 - 23 September 2015, vol.1, no.1, pp.64
- XIII. **Gene Expression Analyses During Homobrassinosteroid Alleviation of Salt-Stressed Barley Roots**
MARAKLI S., GÖZÜKIRMIZI N.
Green Biotechnology 2015, Kocaeli, Turkey, 21 - 23 September 2015, vol.1, no.1, pp.53
- XIV. **Gene Expression Analyses During Homobrassinosteroid Alleviation of Salt-Stressed Barley Roots, 2015.p.90.**
Maraklı S., GÖZÜKIRMIZI N.
International VI. Balkan Botanical Congress, Riejeka, Croatia, 14 - 18 September 2015, pp.90
- XV. **Varietal differences in Hopi/Osr27 and Houba/Tos/Osr 13 retrotransposon movements in Developing Rice Seedlings**
GÖZÜKIRMIZI N., MARAKLI S.
International VI. Balkan Botanical Congress, Riejeka, Croatia, 14 - 18 September 2015, vol.1, no.1, pp.64
- XVI. **Hopi/Osr27 and Houba/Tos5/Osr13 retrotransposon movements in rice**
GÖZÜKIRMIZI N., Yüzbaşıoğlu G., Yılmaz S., MARAKLI S.

International VI. Balkan Botanical Congress, Rijeka, Croatia, 14 - 18 September 2015, vol.1, no.1, pp.64

XVII. Analysis of Endogenous Sirevirus in Germinating Barley (*Hordeum Vulgare* L.)

GÖZÜKIRMIZI N., Çakmak B., MARAKLI S.

XIII International Conference on Agricultural, Biotechnology, Biological and Biosystems Engineering, Rio De Janeiro, Brazil, 11 - 12 February 2015, vol.13, no.2, pp.209

XVIII. Analyses of salt stress alleviation with homobrassinosteroid in germinating barley roots

MARAKLI S., GÖZÜKIRMIZI N.

6th Slovenian Symposium on Plant Biology with international participation, Hoce, Maribor, Slovenia, 11 - 12 September 2014, pp.28

XIX. Sukkula retrotransposon insertion polymorphisms in barley calli

GÖZÜKIRMIZI N., KARTAL-ALACAM G., YILMAZ S., MARAKLI S.

6th Slovenian Symposium on Plant Biology with international participation, Hoce, Maribor, Slovenia, 11 - 12 September 2014, pp.6

XX. Marakli S., Gözükmizi N., "Arpa Köklerinde Homobrassinosteroid Ve Tuz Stresi Uygulamalarının Analizi",

Maraklı S., GÖZÜKIRMIZI N.

22. Ulusal Biyoloji Kongresi, ESKİŞEHİR, TÜRKİYE,, Eskişehir, Turkey, 23 June - 27 July 2014, vol.1, no.1, pp.545

XXI. Arpa Köklerinde Homobrassinosteroid ve Tuz Stresi Uygulamalarının Analizi

MARAKLI S., GÖZÜKIRMIZI N.

22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014, pp.545

XXII. Transformation of *Nicotiana tabacum* L. with dehE gene

Kaya Y., Yılmaz S., Maraklı S., Huyop F. Z., GÖZÜKIRMIZI N.

8th International Symposium on In Vitro Culture and Horticultural Breeding, Portugal, 1 - 04 June 2013, vol.1, no.1, pp.17

Other Publications

I. *Hordeum vulgare* L.SIRE-1 retrotransposon GAG, ENV and RT partial sequences

Çakmak B., MARAKLI S., GÖZÜKIRMIZI N.

Other, pp.1-3, 2016

Supported Projects

GÖZÜKIRMIZI N., MARAKLI S., Project Supported by Higher Education Institutions, ALLEVIATION OF COPPER STRESS WITH HOMOBRASSINOSTEROID IN GERMINATING SUNFLOWER ROOTS, 2017 - 2017

GÖZÜKIRMIZI N., MARAKLI S., Project Supported by Higher Education Institutions, Abiotic Stress Alleviation with Brassinosteroids in Plant Roots, 2016 - 2016

GÖZÜKIRMIZI N., MARAKLI S., Project Supported by Higher Education Institutions, Herbisidlerin Pirinç (*Oryza sativa* L.) Bitkisinde Transpozon Hareketleri Üzerine Etkileri, 2016 - 2016

GÖZÜKIRMIZI N., MARAKLI S., IGIEBOR F. C., Project Supported by Higher Education Institutions, Kokar ağaç Cennet ağacı *Ailanthus altissima* Mill Swingle bitkisinde retrotransposon hareketlerinin incelenmesi, 2016 - 2016

GÖZÜKIRMIZI N., YILMAZ S., MARAKLI S., YÜZBAŞIOĞLU G., Project Supported by Higher Education Institutions, Analysis of Hopi/Osr27 and Houba/Tos5/Osr13 retrotransposons in rice, 2016 - 2016

Scientific Refereeing

African Journal of Food Science, Other journals, May 2015

The Philippine Agricultural Scientist, Other journals, March 2015

Metrics

Publication: 46

Citation (WoS): 61

Citation (Scopus): 57

H-Index (WoS): 4

H-Index (Scopus): 5