

Prof. TURGAY ÇAKMAK

Personal Information

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Education Information

Doctorate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Botanik, Turkey 2006 - 2010

Postgraduate, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Botanik, Turkey 2003 - 2006

Undergraduate, Atatürk Üniversitesi, Fen Fakültesi, Biyoloji, Turkey 1999 - 2003

Foreign Languages

English, C1 Advanced

Swedish, A1 Beginner

Dissertations

Doctorate, Bitki Solunum Zinciri: Farklı Azot Kaynaklarına Cevapta Hücresel Redoks ve Alternatif Oksidazın Redoks Yanıtları, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Botanik, 2010

Postgraduate, Elektriksel alan uygulamasının bazı bitkilerde soğuga dayanıklılık üzerine etkileri, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Botanik, 2006

Research Areas

Life Sciences, Plant Biology, Plant Physiology, Biotechnology, Plant Biotechnology, Industrial Biotechnology, Microbial Biotechnology, Natural Sciences

Academic Titles / Tasks

Professor, İstanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Department Of Molecular Biology And Genetics , 2020 - Continues

Associate Professor, İstanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Department Of Molecular Biology And Genetics , 2014 - 2020

Assistant Professor, İstanbul Medeniyet University, Faculty Of Engineering And Natural Sciences , Department Of Molecular Biology And Genetics , 2011 - 2014

Other, Bilkent Üniversitesi, 2010 - 2012

Research Assistant, California State University, San Marcos, Faculty Of Science, Department Of Biological Sciences, 2009 - 2010

Research Assistant, Atatürk Üniversitesi, Fen Fakültesi, Biyoloji, 2003 - 2010

Courses

General Biology, Undergraduate, 2016 - 2017

Nanobiyoteknoloji, Postgraduate, 2015 - 2016

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Study of the Ability of Lutein and Neoxanthin as Standards and in the Extract of *Chlamydomonas reinhardtii* to Prevent Oxidatively Induced DNA Base Damage Using Ultrasensitive GC-MS/MS Analysis**
Sahin S., Aybastier O., Dawbaa S., Karkar B., ÇAKMAK T.
CHROMATOGRAPHIA, vol.83, no.8, pp.919-926, 2020 (Journal Indexed in SCI)
- II. **Long-term diazotrophic cultivation of *Trichormus* sp. IMU26: evaluation of physiological changes related to elevated phycobiliprotein content**
Haddad M. F. , Dayioglu T, Yaman M., Nalbantoglu B., ÇAKMAK T.
JOURNAL OF APPLIED PHYCOLOGY, 2020 (Journal Indexed in SCI)
- III. **The relationship between *Chlorella* sp. and zinc oxide nanoparticles: Changes in biochemical, oxygen evolution, and lipid production ability**
Kaliyamurthi S., Selvaraj G., Cakmak Z. E. , Korkmaz A., Cakmak T.
PROCESS BIOCHEMISTRY, vol.85, pp.43-50, 2019 (Journal Indexed in SCI)
- IV. **Antioxidant composite films with chitosan and carotenoid extract from *Chlorella vulgaris*: optimization of ultrasonic-assisted extraction of carotenoids and surface characterization of chitosan films**
Sahin S., Nasir N. T. B. M. , Erken I., Cakmak Z. E. , ÇAKMAK T.
MATERIALS RESEARCH EXPRESS, vol.6, no.9, 2019 (Journal Indexed in SCI)
- V. **Two pronounced *Chlorella* strains for efficient biodiesel feedstock production**
TÜZÜN İ., Cakmak Z. E. , YOUNG E., ÇAKMAK T.
TURKISH JOURNAL OF BOTANY, vol.43, no.4, pp.458-467, 2019 (Journal Indexed in SCI)
- VI. **Long term diazotrophic cultivation induces phycobiliprotein production in *Anabaena variabilis* IMU8**
Fadhil Haddad M., Dayioglu T, NALBANTOĞLU B., ÇAKMAK T.
BIOCELL, vol.43, no.4, pp.327-333, 2019 (Journal Indexed in SCI)
- VII. **Optimization of ultrasonic-assisted extraction via multiresponse surface for high antioxidant recovery from *Chlorella* sp. (Chlorophyta)**
NASIR N., ŞAHİN S., ELİBOL ÇAKMAK Z., ÇAKMAK T.
PHYCOLOGIA, vol.56, no.5, pp.561-569, 2017 (Journal Indexed in SCI Expanded)
- VIII. **Optimization of ultrasonic-assisted extraction via multiresponse surface for high antioxidant recovery from *Chlorella vulgaris* (Chlorophyta)**
Nasir N. T. B. M. , ŞAHİN S., ELİBOL ÇAKMAK Z., ÇAKMAK T.
PHYCOLOGIA, vol.56, no.5, pp.561-569, 2017 (Journal Indexed in SCI)
- IX. **Computational screening of dipeptidyl peptidase IV inhibitors from microalgal metabolites by pharmacophore modeling and molecular docking**
SELVARAJ G., KALIAMURTHI S., Cakmak Z. E. , ÇAKMAK T.
PHYCOLOGICAL RESEARCH, vol.64, no.4, pp.291-299, 2016 (Journal Indexed in SCI)
- X. **Production and characterization of spherical thermostable silver nanoparticles from *Spirulina platensis* (Cyanophyceae)**
Kaliyamurthi S., Selvaraj G., Cakmak Z. E. , ÇAKMAK T.
PHYCOLOGIA, vol.55, no.5, pp.568-576, 2016 (Journal Indexed in SCI)
- XI. **Antioxidant response of *Chlamydomonas reinhardtii* grown under different element regimes**

Cakmak Z., Olmez T. T. , ÇAKMAK T., Menemen Y., Tekinay T.

PHYCOLOGICAL RESEARCH, vol.63, no.3, pp.202-211, 2015 (Journal Indexed in SCI)

- XII. **Induction of triacylglycerol production in *Chlamydomonas reinhardtii*: Comparative analysis of different element regimes**
Cakmak Z. E. , Olmez T. T. , ÇAKMAK T., Menemen Y., Tekinay T.
BIORESOURCE TECHNOLOGY, vol.155, pp.379-387, 2014 (Journal Indexed in SCI)
- XIII. **Nitrogen and sulfur deprivation differentiate lipid accumulation targets of *Chlamydomonas reinhardtii* (vol 109, pg 1947, 2012)**
ÇAKMAK T., Angun P., D. Ozkan A., ÇAKMAK Z., Ölmez T. T. , tekina y t.
BIOENGINEERED, vol.3, no.6, pp.343-346, 2012 (Journal Indexed in SCI)
- XIV. **Nitrogen and sulfur differentiates lipid accumulation targets of *Chlamydomonas reinhardtii***
ÇAKMAK T., Angun P., Ozkan A. D. , Cakmak Z., Olmez T., Tekinay T.
BioengineeredBugs, vol.1, no.1, 2012 (Journal Indexed in SCI Expanded)
- XV. **Differential effects of nitrogen and sulfur deprivation on growth and biodiesel feedstock production of *Chlamydomonas reinhardtii***
Cakmak T., Angun P., Demiray Y. E. , Ozkan A. D. , Elibol Z., Tekinay T.
BIOTECHNOLOGY AND BIOENGINEERING, vol.109, no.8, pp.1947-1957, 2012 (Journal Indexed in SCI)
- XVI. **Analysis of apoplastic and symplastic antioxidant system in shallot leaves: Impacts of weak static electric and magnetic field**
ÇAKMAK T., Cakmak Z. E. , Dumlupinar R., Tekinay T.
JOURNAL OF PLANT PHYSIOLOGY, vol.169, no.11, pp.1066-1073, 2012 (Journal Indexed in SCI)
- XVII. **Mammalian sex hormones influence the growth and selected enzyme activities in germinating maize**
Erdal S., Dumlupinar R., ÇAKMAK T., Genisel M.
Fresenius Environmental Bulletin, no.19, pp.1458-1465, 2010 (Journal Indexed in SCI)
- XVIII. **Distinct signalling pathways and transcriptome response signatures differentiate ammonium- and nitrate-supplied plants**
Patterson K., ÇAKMAK T., Cooper A., Lager I., Rasmusson A., Escobar M.
PLANT CELL AND ENVIRONMENT, vol.33, no.9, pp.1486-1501, 2010 (Journal Indexed in SCI)
- XIX. **Determination of changes in some inorganic element concentrations in germinating chickpea seeds exposed to progesterone and β -estradiol by using WDXRF spectroscopic technique**
Erdal S., Dumlupinar R., ÇAKMAK T., Taskin M.
Fresenius Environmental Bulletin, no.19, pp.1-9, 2010 (Journal Indexed in SCI)
- XX. **Natural aging-related biochemical changes during storage of alfalfa (*M. sativa*) seeds stored for 40 years**
ÇAKMAK T., Atici O., Agar G., Sunar S.
International Research Journal of Plant Sciences, no.1, pp.1-6, 2010 (Journal Indexed in SCI Expanded)
- XXI. **Chilling Resistance of *Phaseolus vulgaris* and *Brassica oleracea* under a High-Intensity Electric Field**
ÇAKMAK T., Dumlupinar R., Erdal S.
ZEITSCHRIFT FÜR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.65, pp.380-386, 2010 (Journal Indexed in SCI)
- XXII. **Acceleration of Germination and Early Growth of Wheat and Bean Seedlings Grown Under Various Magnetic Field and Osmotic Conditions**
ÇAKMAK T., Dumlupinar R., Erdal S.
BIOELECTROMAGNETICS, vol.31, no.2, pp.120-129, 2010 (Journal Indexed in SCI)
- XXIII. **The natural aging-related biochemical changes in the seeds of two legume varieties stored for 40 years**
ÇAKMAK T., Atici O., Agar G.
ACTA AGRICULTURAE SCANDINAVICA SECTION B-SOIL AND PLANT SCIENCE, vol.60, no.4, pp.353-360, 2010 (Journal Indexed in SCI)
- XXIV. **Determination of chilling temperature effects on nutrient elements composition and distribution in cole (*Brassica oleracea* L. Cv. *Acephala*) using the WDXRF spectroscopic technique**

Taspınar M., Dumlupınar R., Demir F., ÇAKMAK T., Gulen Y.

AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.8, no.23, pp.6569-6575, 2009 (Journal Indexed in SCI)

- XXV. **Effects of putrescine and low temperature on the apoplastic antioxidant enzymes in the leaves of two wheat cultivars**

ÇAKMAK T., Atici O.

PLANT SOIL AND ENVIRONMENT, vol.55, no.8, pp.320-326, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **In silico validation of microalgal metabolites against Diabetes mellitus**
Selvaraj G., Kaliamurthi S., Cakmak Z., Cakmak T.
DIABETES MELLITUS, vol.20, no.4, pp.301-307, 2017 (Journal Indexed in ESCI)
- II. **Computational screening of anti-diabetic molecules from microalgae metabolites by molecular docking**
SELVARAJ G., KALIAMURTHI S., ELİBOL ÇAKMAK Z., ÇAKMAK T.
JOURNAL OF BIOINFORMATICS PROTEOMICS REVIEW, vol.3, no.2, pp.1-7, 2017 (Refereed Journals of Other Institutions)
- III. **Research article RuBisCO of microalgae as potential targets for nutraceutical peptides: A computational study**
SELVARAJ G., KALIAMURTHI S., Cakmak Z., Cakmak T.
Biotechnology, vol.16, pp.130-144, 2017 (Refereed Journals of Other Institutions)
- IV. **Evaluation of an Indigenous Dunaliella Strain for β -Caroten and Neutral Lipid Production as a Response to Cobalt Deprivation**
ELİBOL ÇAKMAK Z., ÇAKMAK T.
ADVANCES IN RENEWABLE ENERGY, vol.3, no.1, pp.1-6, 2016 (Refereed Journals of Other Institutions)
- V. **The physiological and biochemical effects of CaCl₂ and KCl on the chilling resistance in bean (Phaseolus vulgaris L. cv. Terzibaba)**
Dumlupınar R., ÇAKMAK T., Kocacaliskan I.
Ataturk U Agr Fac J, no.38, pp.1-8, 2007 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Modification of nutritional properties of microalgae for Artemia breeding**
ELİBOL ÇAKMAK Z., ÇAKMAK T.
International Conference on Biotechnology, Biomarkers and systems biology, Amsterdam, Netherlands, 04 March 2019, vol.1, no.1, pp.19
- II. **Determination of the optimum stress level for triacylglycerol production by microalga Chlorella sp**
ÇAKMAK T., Selçuk E.
II. International Plant Science and Technology Congress, Muğla, Turkey, 07 October 2018, vol.1, no.1, pp.4
- III. **Biosynthesis and characterization of silver nanoparticles from Scenedesmus obliquus**
Sır F., DEMİR KORKMAZ A., ÇAKMAK T., KISAAYAK ÇOLLAK F.
I.Uluslararası Kanser ve İyon Kanalları Kongresi, Şanlıurfa, Turkey, 21 September 2017, pp.1-2
- IV. **Superior impact of ammonium acetate on growth of Chlorella vulgaris C-27**
Akdoğan Şirin P., Gökpinar Ş., ÇAKMAK T.
HydroMediT 2016, Messolonghi, Greece, 10 October 2016, vol.1, no.1, pp.145-148
- V. **Phosphorus deprivation is a promising approach for triacylglycerol production from Haematococcus pluvialis**
Akdoğan Şirin P., ÇAKMAK T., Gökpinar Ş.
International symposium on fisheries and agriculture, Antalya, Turkey, 03 October 2016, vol.1, no.1, pp.122

- VI. **Change in some phytohormone levels in Arabidopsis leaves in response to switch in inorganic nitrogen source**
Mhiri W., ÇAKMAK T.
International Conference on Fundamental and Applied Sciences, İstanbul, Turkey, 22 August 2016, pp.112
- VII. **Oxygen evolution as a key factor controlling neutral lipid production in Chlorella vulgaris C-27**
AKDOĞAN ŞİRİN P., ELİBOL ÇAKMAK Z., ÇAKMAK T.
Uluslararası Mikroalg ve Biyoyakıt Konferansı, İstanbul, Turkey, 30 July 2015, pp.30
- VIII. **Chlorella ArM 0029B, an arctic microalga for neutral lipid production: Isolation, identification, and characterization**
ELİBOL ÇAKMAK Z., AKDOĞAN ŞİRİN P., BULUT A., Dayıoğlu T., Haddad M., Kalamurthi S., Selvaraj G., ÇAKMAK T.
Uluslararası Mikroalg ve Biyoyakıt Konferansı, İstanbul, Turkey, 30 July 2015, pp.7
- IX. **Zeytin karasuyunun değerlendirilebilmesine yardımcı organik yaklaşım: mikroalgler**
ELİBOL ÇAKMAK Z., Açıköz İ., Akbulut A., ÇAKMAK T.
2. İç Anadolu Bölgesi Tarım ve Gıda Kongresi, Nevşehir, Turkey, 28 April 2015, pp.33
- X. **Dissection of antioxidant response in Arabidopsis thaliana roots in response to different inorganic nitrogen sources**
ÇAKMAK T.
2nd International Conference on Advances in Plant Sciences, Kuching, Malaysia, 18 November 2014, pp.42
- XI. **Dissection of triacylglycerol production in Chlamydomonas reinhardtii grown under different element regimes**
ÇAKMAK T.
ICAB 2014- 2nd International Conference on Algal Biorefinery: A potential source of food, feed, biochemicals, biofuels and biofertilizers, Lyngby, Denmark, 27 August 2014, pp.32
- XII. **Chlamydomonas reinhardtii mikroalglerinde fosfor ve magnezyum eksikliğinde biyodizel üretimine ışık şiddetinin etkisi**
Ölmez T. T. , ÇAKMAK Z., ÇAKMAK T., tekinaş t.
Ekoloji 2012 Sempozyumu, Kilis, Turkey, 03 May 2012, pp.350
- XIII. **Chlamydomonas reinhardtii mikroalginin nötral lipid içerikleri üzerine sıcaklık ve element eksikliğinin etkileri**
Ölmez T. T. , ÇAKMAK Z., ÇAKMAK T., tekinaş t.
Ekoloji 2012 Sempozyumu, Kilis, Turkey, 03 May 2012, pp.349
- XIV. **Farklı inorganik azot kaynaklarına cevapta Arabidopsis thaliana kök hücrelerinde meydana gelen bazı biyokimyasal değişimler**
ÇAKMAK T., Çakmak Z., Ölmez T., Tekinaş T.
Ekoloji2012 Sempozyumu, Kilis, Turkey, 01 May 2012, pp.151-152
- XV. **Düşük yoğunlukta manyetik ve elektriksel alanın arpacık soğanında (Allium ascalonicum l.) apoplastik ve simplastik antioksidant enzim sistemleri üzerine etkileri**
ÇAKMAK T.
Ekoloji2012 Sempozyumu, Kilis, Turkey, 01 May 2012, pp.151
- XVI. **Mikroalglerden Biyodizel Üretimine Yönelik Büyütme Ortamı Geliştirilmesi**
ÇAKMAK T., Elibol Z., Tekinaş T.
KMO Biyokütle Çalıştayı 2011, Bursa, Turkey, 01 October 2011, pp.25
- XVII. **Increased production of biodiesel feedstock in microalgae.**
ÇAKMAK T., Angün P., Ozkan A. D. , Demiray Y. E. , Tekinaş T.
European Biotechnology Congress, Turkey, 01 September 2011, pp.49
- XVIII. **Soğuk Stresi ve Putrescinin Soğuğa Toleransları Farklı İki Buğday Varyetesinde Apoplastik Antioksidan Enzim Aktiviteleri Üzerine Etkileri**
ÇAKMAK T., Atıcı Ö.
VII. Ulusal Ekoloji ve Çevre Kongresi, Malatya, Turkey, 01 September 2010, pp.78
- XIX. **Elektriksel Alan Uygulamasının Bazı Bitkilerde Soğuğa Dayanıklılık Üzerine Etkileri**
Dumlupınar R., ÇAKMAK T.

- VII. Ulusal Ekoloji ve Çevre Kongresi, Malatya, Turkey, 01 September 2010, pp.79
- XX. **Nitrate and Ammonium elicit Distinct Molecular Response Signatures in Arabidopsis roots**
Escobar M., Patterson K., ÇAKMAK T., Lager I., Rasmusson A.
American Society of Plant Biologists, Plant Biology 2010 Symposium, Canada, 01 August 2010, pp.121
- XXI. **Arabidopsis thaliana Köklerinde İnorganik Azot Kaynaklarındaki Değişime Cevapta Meydana Gelen Hüresel Redoks Değişimleri**
ÇAKMAK T., Dumlupınar R., Erdal s., Elibol Z.
20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 01 June 2010, pp.376
- XXII. **Farklı İnorganik Azot Kaynaklarına Cevapta Alternatif Oksidazın Redoks Yanıtları**
ÇAKMAK T., Dumlupınar R., Elibol Z., Rasmusson A.
20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 01 June 2010, pp.375
- XXIII. **MapMan Analysis of Mitochondrial Carrier Proteins and Respiration Pathway of Ammonium and Nitrate Supplied Arabidopsis thaliana Root Transcriptome**
ÇAKMAK T., Patterson K., Lager I., Rasmusson A., Escobar M.
7. International IUGEN Molecular Biology and Genetics Winter School, Turkey, 01 February 2010, pp.24
- XXIV. **Differential effects of ammonium and nitrate on gene expression and cellular redox status in Arabidopsis thaliana roots**
ÇAKMAK T., Patterson K., Lager I., Rasmusson A., Escobar M.
11th International EMBL PhD Symposium, Germany, 01 October 2009, pp.75
- XXV. **Farklı Ortamlarda Bazı Tohumların Çimlenmeleri Üzerine DC Elektrik ve Manyetik Alan Uygulamalarının Etkileri**
ÇAKMAK T., Dumlupınar R., Elibol Z.
VII. Ulusal Ekoloji ve Çevre Kongresi, Malatya, Turkey, 01 September 2007, pp.76

Supported Projects

- ÇAKMAK T., Project Supported by Other Official Institutions, "Ülkemiz iç sularından izole edilen diazotrofik siyanobakterilerden biyodizel ve Polihidroksibütirat üretimi ve maksimizasyonu", Diğer Kamu Kuruluşlarınca Desteklenen, 2016 - Continues
- Çakmak T., TUBITAK Project, Determination of the littoral microalgae and cyanobacteria biodiversity of Horseshoe Island, establishment of the culture collection, and evaluation of the general biotechnological properties of the cultured strains, 2020 - 2022
- Elibol Çakmak Z., Çakmak T., TUBITAK Project, Mikroalgal Biyodizel Üretiminde Bor Kullanımı Üzerine Bir Araştırma, 2018 - 2019
- ÇAKMAK T., ELİBOL ÇAKMAK Z., Project Supported by Higher Education Institutions, Kükürt açlığından kaynaklanan oksidatif stress Chlamydomonas reinhardtii mikroalginde biyodizel hammaddesi üretimini tetikliyor, 2017 - 2018
- ÇAKMAK T., TUBITAK Project, Induction of oxidative stress to enhance triacylglycerol production of Chlorella sp. using oxide nanoparticles, 2015 - 2016
- GEREN I. N. , KOYTAK Z. N. , ÇAKMAK T., SAĞIR F., KISAAYAK ÇOLLAK F., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümü Araştırma Laboratuvarı Alt Yapısının Kurulumu, 2015 - 2016
- ÇAKMAK T., Project Supported by Other Official Institutions, FARKLI STRES ORTAMLARINDA MİKROALGLERİN SENTEZLEDİĞİ KAROTENOİDLERİN OLUŞUM MEKANİZMASININ İNCELENMESİ VE ANTIOKSİDAN ÖZELLİKLERİNİN BELİRLENMESİ, 2013 - 2016
- ÇAKMAK T., Project Supported by Other Official Institutions, Sıcak su kaynaklarından izole edilen mikroalglerin kültüre alınması, kriyoprezervasyonu ve biyoteknolojik üstünlüklerinin değerlendirilmesi, 2012 - 2016
- ÇAKMAK T., Project Supported by Higher Education Institutions, Dissection of antioxidant response in Arabidopsis thaliana roots in response to different inorganic nitrogen sources, 2014 - 2015
- ÇAKMAK T., TUBITAK Project, ISOLATION AND CHARACTERIZATION OF DIPEPTIDYL PEPTIDASE-IV INHIBITORY PEPTIDES OF Chlamydomonas reinhardtii, 2014 - 2015
- ÇAKMAK T., KOYTAK Z. N. , SAĞIR F., Project Supported by Higher Education Institutions, İnorganik azot kaynağındaki

değişime cevapta bitki köklerinde hücrel redoks değişimi ve azot asimilasyon yolları arasındaki ilişki üzerine bir araştırma, 2012 - 2015

ÇAKMAK T., Özkan A. D. , Elibol Çakmak Z., Ölmez T. T. , Sarioğlu Ö. F. , TEKİNAY T., Project Supported by Higher Education Institutions, Ülkemizdeki bazı sıcak su kaynaklarından izole edilen mikroalglerden biyozidel hammaddesi üretimi, 2012 - 2015

ÇAKMAK T., TÜBİTAK Project, Türkiye'deki volkanik krater göllerinin algolojik yapısının belirlenmesi, mikroalg kütüphanesi oluşturulması ve kültüre alınan mikroalglerin endüstriyel potansiyellerinin değerlendirilmesi, 2012 - 2015

ÇAKMAK T., Project Supported by Other Official Institutions, Genetik Mühendisliği Kullanarak Biyodizel Üretimine Yönelik Verimi Arttırılmış Yeni Nesil Mikroalg Geliştirilmesi, 2010 - 2013

Scientific Refereeing

Bioelectromagnetics, SCI Journal, January 2015

TÜBİTAK Project, May 2013

Bioelectromagnetics, SCI Journal, June 2012

Bioelectromagnetics, SCI Journal, March 2012

Journal of Plant Physiology, SCI Journal, January 2012

Plant Cell Reports, SCI Journal, November 2011

Plant and Cell Physiology, SCI Journal, October 2011

Bioelectromagnetics, SCI Journal, October 2011

Journal of Plant Physiology, SCI Journal, October 2011

Bioelectromagnetics, SCI Journal, September 2011

Plant Biology, SCI Journal, July 2011

Bioelectromagnetics, SCI Journal, May 2011

Bioelectromagnetics, SCI Journal, February 2011

Bioelectromagnetics, SCI Journal, November 2010

Plant Cell Reports, SCI Journal, November 2010

Plant Biology, SCI Journal, August 2010

Bioelectromagnetics, SCI Journal, July 2010

Edit Congress and Symposium Activities

Tarımsal Araştırmalar Genel Müdürlüğü 2013 Yılı Değerlendirme Toplantıları, Attendee, Antalya, Turkey, 2013

Ekoloji 2012 Sempozyumu, Attendee, Kilis, Turkey, 2012

KMO Biyokütle Çalıştayı, Attendee, Bursa, Turkey, 2011

European Biotechnology Congress, Attendee, Istanbul, Turkey, 2011

20. Ulusal Biyoloji Kongresi, Attendee, Denizli, Turkey, 2010

VII. International IUGEN Molecular Biology and Genetics Winter School, Attendee, Istanbul, Turkey, 2010

European Molecular Biology Laboratory PhD Symposium, Attendee, Hiedelberg, Germany, 2009

VII. Ulusal Ekoloji ve Çevre Kongresi, Attendee, Malatya, Turkey, 2007

18. Ulusal Biyoloji Kongresi, Attendee, Aydın, Turkey, 2006

Citations

Total Citations (WOS):457

h-index (WOS):9

Scholarships

Yurt İçi Doktora Sonrası Arařtırma Bursu (Bilkent Ü.-UNAM - 17 ay), TUBITAK, 2011 - Continues

Yurt Dışı Bilimsel etkinliklere katılma desteęi, TUBITAK, 2009 - Continues

NIH Research Scholarship (CSU-San Marcos, CA-San Diego), Official Institutions of Foreign Countries, 2009 - Continues

ERASMUS (İsveç-Lund University, Lund), University, 2008 - Continues

Awards

ÇAKMAK T., En iyi poster ödülü, Uluslararası VII. Moleküler Biyoloji ve Genetik Kış Okulu, October 2010