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Advising Theses

YÜCEL A. M. , KOKU H., Biohydrogen production by immobilized purple nonsulfur bacteria, Doctorate, E.SAĞIR(Student), 2018

YÜCEL A. M. , KOKU H., Microarray analysis of the effects of light intensity on hydrogen production metabolism of *Rhodobacter capsulatus*, Doctorate, M.GÜRGAN(Student), 2017

ÖKTEM H. A. , YÜCEL A. M. , Development of nucleic acid coated nanoparticle based lateral flow assay for *Salmonella* detection, Post Graduate, M.KAAN(Student), 2017

YÜCEL A. M. , Biochemical and genetic assessment of high value lipid production from local thermo-resistant green microalgae strain, Post Graduate, D.AKIN(Student), 2017

YÜCEL A. M. , Using plasmid reference materials for genetically modified organisms analysis and their verification with inter-laboratory comparison test, Post Graduate, T.CEREN(Student), 2016

YÜCEL A. M. , Tilling for TtBH-1 gene and its hybridization to Turkish durum wheat cultivars kiziltan-91 and Fuatbey-2000, Doctorate, A.BATTAL(Student), 2016

YÜCEL A. M. , ÖKTEM H. A. , Bio-fuel production from microalgae, Doctorate, M.ONAY(Student), 2015

YÜCEL A. M. , ÖKTEM H. A. , Development of newborn Galactosemia screening kits, Post Graduate, S.YAĞMUR(Student), 2015

YÜCEL A. M. , Effect of boron and iron stress on phytosiderophore production in barley, Post Graduate, Y.ÇAKA(Student), 2015

YÜCEL A. M. , ÖKTEM H. A. , Transformation of tobacco with a nac type transcription factor, TaNAC69-1 and characterization of transgenic plants via molecular and physiological techniques, Doctorate, A.EROĞLU(Student), 2015

YÜCEL A. M. , Physiological, biochemical and molecular analysis of wheat cultivars under boron treatments, Doctorate, C.KAYIHAN(Student), 2014

YÜCEL A. M. , HAMAMCI H., Screening of the putative hexokinase genes from *Rhizopus oryzae*, Doctorate, E.ALAGÖZ(Student), 2013

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

- I. **Heterotrophic growth and oil production from *Micractinium* sp. ME05 using molasses**
Engin I. K. , ÇEKMECELİOĞLU D., YÜCEL A. M. , ÖKTEM H. A.
JOURNAL OF APPLIED PHYCOLOGY, vol.30, no.6, pp.3483-3492, 2018 (Journal Indexed in SCI)
- II. **Enhancement of Heterotrophic Biomass Production by *Micractinium* sp ME05**
Engin I. K. , ÇEKMECELİOĞLU D., YÜCEL A. M. , ÖKTEM H. A.
WASTE AND BIOMASS VALORIZATION, vol.9, no.5, pp.811-820, 2018 (Journal Indexed in SCI)
- III. **Evaluation of heterotrophic and mixotrophic cultivation of novel *Micractinium* sp ME05 on vinasse and its scale up for biodiesel production**
Engin I. K. , ÇEKMECELİOĞLU D., YÜCEL A. M. , ÖKTEM H. A.
BIORESOURTE TECHNOLOGY, vol.251, pp.128-134, 2018 (Journal Indexed in SCI)
- IV. **Single-stage photofermentative biohydrogen production from sugar beet molasses by different purple non-sulfur bacteria**

- Sagir E., Ozgur E., GÜNDÜZ U., Eroglu I., YÜCEL A. M.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.40, no.11, pp.1589-1601, 2017 (Journal Indexed in SCI)
- V. **Long-term biological hydrogen production by agar immobilized Rhodobacter capsulatus in a sequential batch photobioreactor**
Elkahlout K., Alipour S., Eroglu I., GÜNDÜZ U., YÜCEL A. M.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.40, no.4, pp.589-599, 2017 (Journal Indexed in SCI)
- VI. **Evaluation of novel thermo-resistant Micractinium and Scenedesmus sp for efficient biomass and lipid production under different temperature and nutrient regimes**
Sonmez C., ELÇİN E., Akin D., Oktem H. A. , YÜCEL A. M.
BIORESOURCETECHNOLOGY, vol.211, pp.422-428, 2016 (Journal Indexed in SCI)
- VII. **Enhanced salt tolerance of transgenic tobacco expressing a wheat salt tolerance gene**
KAVAS M., BALOĞLU M. C. , YÜCEL A. M. , ÖKTEM H. A.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.4, pp.727-735, 2016 (Journal Indexed in SCI)
- VIII. **Hydrogen production by hup(-) mutant and wild-type strains of Rhodobacter capsulatus from dark fermentation effluent of sugar beet thick juice in batch and continuous photobioreactors**
Uyar B., Gurgan M., Ozgur E., GÜNDÜZ U., YÜCEL A. M. , Eroglu I.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.38, no.10, pp.1935-1942, 2015 (Journal Indexed in SCI)
- IX. **Transcriptional Profiling of Hydrogen Production Metabolism of Rhodobacter capsulatus under Temperature Stress by Microarray Analysis**
Gurgan M., Erkal N. A. , Ozgur E., GÜNDÜZ U., Eroglu I., YÜCEL A. M.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.16, no.6, pp.13781-13797, 2015 (Journal Indexed in SCI)
- X. **Changes in oxidative damage and antioxidant enzyme activities of barley (Hordeum vulgare L.) cultivars exposed to rewarming upon freezing stress**
Erkal N. A. , Kayihan C., ÖKTEM H. A. , YÜCEL A. M. , EYİDOĞAN F.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.5, pp.363-369, 2015 (Journal Indexed in SCI)
- XI. **Thermo-resistant green microalgae for effective biodiesel production: Isolation and characterization of unialgal species from geothermal flora of Central Anatolia**
Onay M., Sonmez C., ÖKTEM H. A. , YÜCEL A. M.
BIORESOURCETECHNOLOGY, vol.169, pp.62-71, 2014 (Journal Indexed in SCI)
- XII. **Transgenic Nicotiana tabacum cultivar Samsun plants carrying the wild sugar beet Hs1pro1 gene have resistance to root-knot nematodes**
Sonmez C., ELEKÇİOĞLU İ. H. , YÜCEL A. M. , ÖKTEM H. A.
TURKISH JOURNAL OF BIOLOGY, vol.38, no.2, pp.200-207, 2014 (Journal Indexed in SCI)
- XIII. **Expression Analysis of TaNAC69-1 and TtNAMB-2, Wheat NAC Family Transcription Factor Genes Under Abiotic Stress Conditions in Durum Wheat (Triticum turgidum)**
Baloglu M. C. , Oz M. T. , ÖKTEM H. A. , YÜCEL A. M.
PLANT MOLECULAR BIOLOGY REPORTER, vol.30, no.5, pp.1246-1252, 2012 (Journal Indexed in SCI)
- XIV. **Antioxidative and physiological responses of two sunflower (Helianthus annuus) cultivars under PEG-mediated drought stress**
Baloglu M. C. , Kavas M., Aydın G., ÖKTEM H. A. , YÜCEL A. M.
TURKISH JOURNAL OF BOTANY, vol.36, no.6, pp.707-714, 2012 (Journal Indexed in SCI)
- XV. **Molecular cloning, characterization, and expression analysis of a gene encoding a Ran binding protein (RanBP) in Cucumis melo L.**
Baloglu M. C. , Zakharov F. N. , ÖKTEM H. A. , YÜCEL A. M.
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- XVI. **PHOTORESPONSE OF BACTERIORHODOPSIN IMMOBILIZED IN POLYACRYLAMIDE-GEL MEMBRANES**
EROGLU I., AYDEMİR A., TURKER L., YUCEL A.
JOURNAL OF MEMBRANE SCIENCE, vol.86, pp.171-179, 1994 (Journal Indexed in SCI)
- XVII. **MODELING AND KINETICS OF LIGHT-INDUCED PROTON PUMPING OF BACTERIORHODOPSIN**

RECONSTITUTED LIPOSOMES

EROGLU I., ZUBAT B., YUCEL A.

JOURNAL OF MEMBRANE SCIENCE, vol.61, pp.325-336, 1991 (Journal Indexed in SCI)

Books & Book Chapters

I. Canlı Bilimine Giriş

Kayhan C., YÜCEL A. M.

in: Biyoloji Öz, Prof. Dr. Füsün Eyidoğan, Editor, Nobel Yayınevi, Ankara, pp.2-16, 2015

II. Lentil (*Lens culinaris Medik*)

ÇELİKKOL AKÇAY U., YÜCEL A. M., ÖKTEM H. A.

in: Methods in Molecular Biology Agrobacterium Protocols, Kan Wang, Editor, Humana Press, New York, pp.265-274, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Microarray analysis of high light intensity stress on hydrogen production metabolism of *Rhodobacter capsulatus*

GÜRGAN ESER M., KOKU H., EROĞLU İ., YÜCEL A. M.

7th Global Conference on Global Warming, İzmir, Turkey, 24 June - 28 July 2018

II. Hydrogen production by agar-immobilized *R. capsulatus* in panel photobioreactor

ELKAHLOUT K., SAĞIR E., ALIPOUR S., KOKU H., GÜNDÜZ U., EROĞLU İ., Yücel A. M.

3rd International Hydrogen Technologies Congress (IHTEC-2018), Antalya, Turkey, 15 - 18 March 2018, pp.29

Supported Projects

YÜCEL A. M. , MUTLU P., BOY E., Project Supported by Higher Education Institutions, Genetik Modifiye Bt11 Mısır Ve Rr Soya Ürünlerinde Real-Time Pcr Tekniği Kullanılarak Saptama Ve Miktar Tayini Yöntemlerinin Gerçekleşmesi., 2012 - Continues

YÜCEL A. M. , ÖZEN C., ŞEKER T., Project Supported by Higher Education Institutions, Analiz Kapsamındaalt Yapı Çalışması., 2011 - Continues

YÜCEL A. M. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

YÜCEL A. M. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

YÜCEL A. M. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

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YÜCEL A. M. , KARAGEDİKLİ G., Project Supported by Higher Education Institutions, ARPADA BOR TOKSİSİTESİNE TOLERANS İLE JASMONİK ASİT ARASINDAKİ İLİŞKİNİN İNCELENMESİ VE JASMONİK ASİT BİYOSENTEZ GENLERİNİN İFADE SEVİYELERİNİN ARAŞTIRILMASI, 2013 - 2013

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YÜCEL A. M. , Project Supported by Higher Education Institutions, Merkezi Laboratuvar Moleküler Biyoloji Biyoteknoloji Ar-Ge Merkezinde Alt Yapının Güçlendirilmesi, 2008 - 2008

Citations

Total Citations (WOS):175

h-index (WOS):9