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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: Q-9474-2019

ScopusID: 55279669000

Yoksis Researcher ID: 223330

Education Information

Doctorate, Universiti Teknologi Malaysia, Molecular Biology and Genetics, Molecular Biology and Genetics, Malaysia 2010 - 2014

Postgraduate, Universiti Teknologi Malaysia, Faculty of Biosciences and Bioengineering,, Biotechnology, Malaysia 2008 - 2010

Undergraduate, Erciyes University, Yozgat Fen-Edebiyat Fakültesi, Biyoloji Pr., Turkey 2003 - 2007

Dissertations

Doctorate, Regeneration of Dalapon tolerant tobacco(nicotiana tabacum) by expressing dehalogenase e gene through Agrobacterium – mediated transformation”, Universiti Teknologi Malaysia, 2014

Postgraduate, In vitro regeneration of Nicotiana tabacum, Universiti Teknologi Malaysia [Utm], 2010

Research Areas

Agricultural Sciences, Natural Sciences

Academic Titles / Tasks

Kırgızistan-Türkiye Manas Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2019 - Continues

Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2014 - Continues

Assistant Professor, Ondokuz Mayıs University, Ziraat Fakültesi, Tarımsal Biyoteknoloji Bölümü, 2014 - Continues

Academic and Administrative Experience

Kırgızistan-Türkiye Manas Üniversitesi, 2021 - Continues

Fakülte Yönetim Kurulu Üyesi, Kırgızistan-Türkiye Manas Üniversitesi, FEN, BİYOLOGY, 2019 - Continues

Courses

GENETİĞİ DEĞİŞTİRİLMİŞ ORGANİZMALAR V BİYOGÜVENLİK, Postgraduate, 2021 - 2022
Bitki Embriyoloji ve Gelişimi, Undergraduate, 2021 - 2022
HÜCRE VE DOKU KÜLTÜRLERİ, Postgraduate, 2021 - 2022
MÖLEKÜLER GENETİK, Postgraduate, 2021 - 2022
Biyoeetik (KTMU), Undergraduate, 2019 - 2020
BİTKİ EMBRİYOLOJİSİ VE GELİŞİMİ (KTMU), Undergraduate, 2019 - 2020
BIO-601, İLERİ HÜCRE BİYOLOJİSİ, Doctorate, 2019 - 2020
BIO-540 HAYVANLARIN VE BİTKİLERİN HÜCRESEL VE GENETİKSEL MÜHENDİSLİĞİ, Postgraduate, 2019 - 2020
BIO-520 BİTKİLERİN VE HAYVANLARIN BİYOTEKNOLOJİSİ, Postgraduate, 2019 - 2020
BIO-409 : BİYOCOĞRAFYA (KTMU), Undergraduate, 2019 - 2020
Genel Biyoteknoloji (KTMU), Undergraduate, 2019 - 2020
Bio-406: Gen Mühendisliği (KTMU), Undergraduate, 2019 - 2020
Biyogüvenlik, Undergraduate, 2018 - 2019
BİTKİ BİYOTEKNOLOJİSİ, Doctorate, 2018 - 2019, 2016 - 2017
BİYOTEKNOLOJİK PROJENLENDİRME VE DEĞERLENDİRME II, Undergraduate, 2018 - 2019, 2016 - 2017, 2015 - 2016
Bitkisel Üretimde Biyoteknoloji, Undergraduate, 2018 - 2019
GENEL BİTKİ FİZYOLOJİSİ, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
BİYOTEKNOLOJİDE ARAŞTIRMA VE DEĞERLENDİRME, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Tohumculukta Biyoteknoloji, Undergraduate, 2018 - 2019, 2016 - 2017
Biyoeitk, Postgraduate, 2018 - 2019
BİTKİ DOKU KÜLTÜRÜ METODLARI, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
CEVRE VE ENDÜSTRİ BİYOTEKNOLOJİSİ, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016
Sekans Teknolojisi ve Uygulamaları, Doctorate, 2018 - 2019
Biyoinformatik, Undergraduate, 2018 - 2019
GENOMİKLER, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
Bitkiler Genom ve Proteom Analizi, Doctorate, 2018 - 2019
BİTKİLERDE STRES TOLERANSININ FİZYOLOJİSİ VE MOLEKÜLER BİYOLOJİSİ, Doctorate, 2018 - 2019, 2016 - 2017
Genetiği Değiştirilmiş Organizmlar, Undergraduate, 2018 - 2019
Genel Mikrobiyoloji, Undergraduate, 2017 - 2018
GEN EKSPRESYON ANALİZİ, Doctorate, 2017 - 2018, 2015 - 2016
TARİMSAL BİYOTEKNOLOJİ, Undergraduate, 2017 - 2018, 2014 - 2015
BİTKİ GEN KAYNAKLARI, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016
Tissue Culture Methods, Postgraduate, 2017 - 2018
Biyoteknolojik Projelendirme ve Değerlendirme II, Undergraduate, 2017 - 2018
BİTKİLERDE DOKU KÜLTÜRÜ, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016
Biotechnology in Genetics, Postgraduate, 2017 - 2018
Genetikte Biyoteknoloji, Postgraduate, 2017 - 2018, 2016 - 2017
BİYOETİK, Postgraduate, 2017 - 2018, 2016 - 2017
BİTKİLERDE STRESS TOLERANSININ FİZYOLOJİSİ VE MOLEKÜLER BİYOLOJİSİ, Doctorate, 2017 - 2018, 2015 - 2016
GENOMİK, Doctorate, 2015 - 2016
STRESS KOSULLARINA DAYANIKLILIK, Undergraduate, 2015 - 2016, 2014 - 2015
Biyolojik Analiz Teknikleri, Postgraduate, 2015 - 2016
Biyoteknolojik Projelendirme ve Değerlendirme, Undergraduate, 2014 - 2015
Laboratuvar Tekniği, Undergraduate, 2014 - 2015

Advising Theses

Yılmaz K., Жергиликтүү өзгөн күрүч сортторунун ткандык культураларынын параметрлерин in vitro культивирлөө шарттарында аныктоо, Postgraduate, G.TAŞEVA(Student), 2021

Yılmaz K., YEREL ÖZGEN ÇELTİK ÇESİTLERİNİN İN VİTRO KOŞULLARDA DOKU KÜLTÜRÜ PARAMETRELERİNİN BELİRLENMESİ, Postgraduate, G.Tasheva(Student), 2021

Yılmaz K., Metagenomic profiling for assessing microbial diversity in the hypersaline Tuz Gölü Lake, Turkey, Doctorate, H.Adekilekun(Student), 2021

Kaya Y., Antarktika kaynaklı örneklerden dalapon herbisitini parçalayan bakterilerin izolasyonu, karakterizasyonu ve tanısı, Postgraduate, S.FARUK(Student), 2020

Kaya Y., Orta Karadeniz Bölgesi doğal florasından toplanan kamışsı yumak (*Festuca arundinaceae* Schreb.) genotiplerinin tarımsal özelliklerinin belirlenmesi, çim tipi genotiplerinin seçilmesi ve genetik yakınlık düzeylerinin belirlenmesi, Doctorate, F.ALAY(Student), 2020

Kaya Y., Tuzcul habitatlardan 2,2 dikloropropiyonik asiti parçalayan bakterilerin izolasyonu ve tanısı, Postgraduate, K.AKÇAY(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of leaf blight disease of rice caused by *Pantoea ananatis* on *Nikita*, *Osr30* and *RIRE1* retrotransposons' movements**
Aksoy H. M., Boluk E., Kaya Y., MARAKLI S.
JOURNAL OF PLANT PATHOLOGY, 2023 (SCI-Expanded)
- II. **Molecular interactions of trichoderma beta-1,4-glucosidase (ThBglT12) with mycelial cell wall components of phytopathogenic *Macrophomina phaseolina***
Hood M. H. M., Hamid T. H. T. A., Wahab R. A. A., Huyop F. Z., Kaya Y., Hamid A. A. A. A.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.41, no.7, pp.2831-2847, 2023 (SCI-Expanded)
- III. **The power of retrotransposons in high-throughput genotyping and sequencing**
Arvas Y. E., MARAKLI S., Kaya Y., Kalendar R.
FRONTIERS IN PLANT SCIENCE, vol.14, 2023 (SCI-Expanded)
- IV. **Interactive effects of cold and temperate conditions on growth and biochemical content of Antarctic microalga *Chlorella variabilis* YTU.ANTARCTIC.001**
İNAN B., AKIN B., Unlue I. D., Kocer A. T., celik A., Vehapi M., Kaya Y., ÖZÇİMEN D.
JOURNAL OF APPLIED PHYCOLOGY, vol.35, pp.625-637, 2023 (SCI-Expanded)
- V. **Production of secondary metabolites using tissue culture-based biotechnological applications**
ÖZYİĞİT İ. İ., Dogan I., Hocaoglu-Ozyigit A., Yalcin B., ERDOĞAN A., Yalcin I. E., CABİ E., Kaya Y.
FRONTIERS IN PLANT SCIENCE, vol.14, 2023 (SCI-Expanded)
- VI. **Cotton Biotechnology: An Efficient Gene Transfer Protocol via *Agrobacterium tumefaciens* for a Greater Transgenic Recovery**
ÖZYİĞİT İ. İ., Dogan I., Kaya Y., Bajrovic K., Gozukirmizi N.
JOURNAL OF NATURAL FIBERS, vol.19, no.15, pp.11582-11596, 2022 (SCI-Expanded)
- VII. **Molecular profiling of bacterial blight resistance in Malaysian rice cultivars Perfil molecular da resistência à ferrugem bacteriana em cultivares de arroz da Malásia**
Javed M., Ali S., Ashfaq M., Tabassam J., Ali M., Ihsanullah M., Nayab S., Kaya Y., Khalili E., Ali Q., et al.
Brazilian Journal of Biology, vol.82, 2022 (SCI-Expanded)
- VIII. **Antibacterial activity of *Calendula officinalis* and *Echinacea purpurea* extracts against the causal agent of tomatoes' bacterial canker: *Clavibacter michiganensis* subsp. *michiganensis***
Aksoy H. M., Arslanoğlu Ş. F., Edbeib M. F., Kaya Y., Marakli S.
BOLETIN LATINOAMERICANO Y DEL CARIBE DE PLANTAS MEDICINALES Y AROMATICAS, vol.20, no.5, pp.496-502, 2021 (SCI-Expanded)
- IX. **Identification of Dalapon degrading bacterial strain, *Psychrobacter* sp. TaeBurcu001 isolated from Antarctica**
Kirkinci S. F., Edbeib M. F., Aksoy H. M., MARAKLI S., Kaya Y.

POLAR SCIENCE, vol.28, 2021 (SCI-Expanded)

- X. **Molecular docking and molecular dynamics simulations studies on beta-glucosidase and xylanase *Trichoderma asperellum* to predict degradation order of cellulosic components in oil palm leaves for nanocellulose preparation**
Bahaman A. H., Wahab R. A., Hamid A. A. A., Abd Halim K. B., Kaya Y.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.39, no.7, pp.2628-2641, 2021 (SCI-Expanded)
- XI. **Genomic analysis of a functional haloacid-degrading gene of *Bacillus megaterium* strain BHS1 isolated from Blue Lake (Mavi Golu, Turkey)**
Wahhab B. H. A., Samsulrizal N. H., Edbeib M. F., Wahab R. A., Al-Nimer M. S. M., Hamid A. A. A., Oyewusi H. A., Kaya Y., Notarte K. I. R., Shariff A. H. M., et al.
ANNALS OF MICROBIOLOGY, vol.71, no.1, 2021 (SCI-Expanded)
- XII. **Functional profiling of bacterial communities in Lake Tuz using 16S rRNA gene sequences**
Oyewusi H. A., Abdul Wahab R., Edbeib M. F., Mohamad M. A. N., Abdul Hamid A. A., Kaya Y., Huyop F.
Biotechnology and Biotechnological Equipment, vol.35, no.1, pp.1-10, 2021 (SCI-Expanded)
- XIII. **Agrobacterium- mediated transformation of Turkish upland rice (*Oryza sativa* L.) for Dalapon herbicide tolerance**
Kaya Y., Aksoy H. M., Edbeib M. F., Wahab R. A., ÖZYİĞİT İ. İ., Hamid A. A. A., Huyop F., Mohammed S., Aslan A.
INDIAN JOURNAL OF BIOTECHNOLOGY, vol.19, no.4, pp.237-243, 2020 (SCI-Expanded)
- XIV. **Substrate docking and molecular dynamic simulation for prediction of fungal enzymes from *Trichoderma* species-assisted extraction of nanocellulose from oil palm leaves**
Bahaman A. H., Wahab R. A., Hamid A. A. A., Abd Halim K. B., Kaya Y., Edbeib M. F.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.38, no.14, pp.4246-4258, 2020 (SCI-Expanded)
- XV. **Haloadaptation: insights from comparative modeling studies between halotolerant and non-halotolerant dehalogenases**
Edbeib M. F., Aksoy H. M., Kaya Y., Wahabe R. A., Huyop F.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.38, no.12, pp.3452-3461, 2020 (SCI-Expanded)
- XVI. **Biodegradation of 3-chloropropionic acid (3-CP) by *Bacillus cereus* WH2 and its in silico enzyme-substrate docking analysis**
Muslem W. H., Edbeib M. F., Aksoy H. M., Kaya Y., Hamid A. A. A., Hood M. H. M., Wahab R. A., Huyop F.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.38, no.11, pp.3432-3441, 2020 (SCI-Expanded)
- XVII. **Alternative Bioremediation Agents against Haloacids, Haloacetates and Chlorpyrifos Using Novel Halogen-Degrading Bacterial Isolates from the Hypersaline Lake Tuz**
Oyewusi H. A., Wahab R. A., Kaya Y., Edbeib M. F., Huyop F.
CATALYSTS, vol.10, no.6, 2020 (SCI-Expanded)
- XVIII. **EFFECTS OF PHOSPHOGYPSUM WASTE APPLICATION ON CORN (*ZEAMAYS* L.) YIELD AND NUTRIENT CONTENTS**
HORUZ A., TURAN M., Aknoğlu G., Ozcan C., GÜNEŞ A., Korkmaz A., Kaya Y., Kitir N., ADİLOĞLU S., Tüfenkçi Ş., et al.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.11A, pp.8814-8822, 2019 (SCI-Expanded)
- XIX. **Isolation, characterization and molecular identification of a halotolerant *Bacillus megaterium* CTBmeg1 able to grow on halogenated compounds**
Akçay K., Kaya Y.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.33, no.1, pp.945-953, 2019 (SCI-Expanded)
- XX. **Morphological Changes Caused by *Bacillus megaterium* on Adult Emergence of Fall Webworm's Pupa, *Hyphantria cunea* (Drury) (Lepidoptera: Erebidae)**
Aksoy H. M., Saruhan İ., Kaya Y., ÖZTÜRK M.
JOURNAL OF AGRICULTURAL SCIENCES-TARIM BİLİMLERİ DERGİSİ, vol.24, no.4, pp.539-546, 2018 (SCI-Expanded)
- XXI. **In silico characterization of a novel dehalogenase (DehHX) from the halophile *Pseudomonas halophila* HX isolated from Tuz Golu Lake, Turkey: insights into a hypersaline-adapted dehalogenase**
Edbeib M. F., Wahab R. A., Kaya Y., Huyop F.
ANNALS OF MICROBIOLOGY, vol.67, no.5, pp.371-382, 2017 (SCI-Expanded)

- XXII. **Pseudomonas putida - Induced response in phenolic profile of tomato seedlings (*Solanum lycopersicum* L.) infected by *Clavibacter michiganensis* subsp *michiganensis***
Aksoy H. M., Kaya Y., ÖZTÜRK M., Secgin Z., Önder H., Okumus A.
BIOLOGICAL CONTROL, vol.105, pp.6-12, 2017 (SCI-Expanded)
- XXIII. **THE ROLE OF DSPF, THE TYPE III SECRETION CHAPERONE OF DSPA/E OF ERWINIA AMYLOVORA, IN PATHOGENICITY IN HOST AND NON-HOST PLANTS**
Aksoy H. M., Kaya Y., Hamid T. H. T. A.
JOURNAL OF ANIMAL AND PLANT SCIENCES, vol.27, no.1, pp.309-315, 2017 (SCI-Expanded)
- XXIV. **Expression of the dspA/E gene of *Erwinia amylovora* in non-host plant *Arabidopsis thaliana***
Aksoy H. M., Kaya Y., Hamid T. H. T. A.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.31, no.1, pp.85-90, 2017 (SCI-Expanded)
- XXV. **Isolation and Characterization of *Bacillus thuringiensis* Isolated from Soil and their Possible Impact on *Culex pipiens* Larvae**
Aksoy H. M., Saruhan I., Akca I., Kaya Y., Onder H., ÖZTÜRK M., Aker O.
EGYPTIAN JOURNAL OF BIOLOGICAL PEST CONTROL, vol.25, no.2, pp.439-444, 2015 (SCI-Expanded)

Articles Published in Other Journals

- I. **Past, present and future of the *Fritillaria* genus and Ayyıl tulip (*Fritillaria eduardii*), a member of this genus.**
Kimsanaliev D., MARAKLI S., KAYA Y.
International Journal of Life Sciences and Biotechnology, vol.6, no.3, pp.627-642, 2022 (Peer-Reviewed Journal)
- II. **An Overview of Rice Production in Kyrgyzstan**
Tasheva G., Sabirkulova T., KADIRALİYEVA B., Omurzakova N., KAYA Y.
Frontiers in Life Sciences and Related Technologies (Online), vol.3, no.2, pp.86-94, 2022 (Peer-Reviewed Journal)
- III. **Plant tissue culture of *Nicotiana tabacum* cv. TAPM 26 and its minimum inhibition against herbicide-Dalapon**
MOHAMMED K. T., JAVED M. A., HUYOP F., KAYA Y.
Manas Journal of Engineering, vol.9, no.Special 1, pp.35-42, 2021 (Peer-Reviewed Journal)
- IV. **Antarctica: A review of Life Sciences and Biotechnology Researches**
Süleyman Faruk K., MARAKLI S., AKSOY H. M., ÖZÇİMEN D., KAYA Y.
International Journal of Life Sciences and Biotechnology, vol.4, no.1, pp.158-177, 2021 (Peer-Reviewed Journal)
- V. **Identification and Characterization of a 2,2-Dichloropropionic Acid (2,2-DCP) Degrading Alkalotolerant Bacterium Strain BHS1 Isolated from Blue Lake, Turkey**
Batoool Hazim A. W., Nurul Fatin Syamimi K. A., WAHAB R. A., Marwan SM A. N., Samsulrizal N. H., Abdul Hamid A. A., Edbeib M. F., KAYA Y., huyop f. z.
Journal of Tropical Life Science, vol.10, no.3, pp.245-252, 2020 (Scopus)
- VI. **An easy and reliable method for establishment and maintenance of tissue cultures of *Nicotiana tabacum* cv TAPM 26**
Nurliyana binti M. H., KAYA Y., huyop f. z.
International Journal of Science Letters, vol.2, no.2, pp.62-71, 2020 (Peer-Reviewed Journal)
- VII. **Further Analysis of *Burkholderia pseudomallei* MF2 and Identification of Putative Dehalogenase Gene by PCR**
Edbeib M. F., Wahab R. A., Huyop F., Aksoy H. M., Kaya Y.
INDONESIAN JOURNAL OF CHEMISTRY, vol.20, no.2, pp.386-394, 2020 (ESCI)
- VIII. **Molecular Modelling of *Oryza sativa* Starch-branching Enzyme 1**
Sulaiman M., Mohammed Jibrin N., Usman M. M., KAYA Y., huyop f. z.
Journal of Biochemistry, Microbiology and Biotechnology, vol.8, no.1, pp.7-10, 2020 (Peer-Reviewed Journal)
- IX. **Isolation of bacteria from Tuz Gölü lake that can grow on high salt concentration.**
Tee J. S., huyop f. z., KAYA Y.

International Journal of Life Sciences and Biotechnology, 2019 (Peer-Reviewed Journal)

- X. **Potential impact of genetically modified plants on biodiversity Genetiği Değiştirilmiş Bitkilerin Biyolojik Çeşitliliğe Potansiyel Etkileri**
Arvas Y. E., Kaya Y.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.29, no.1, pp.168-177, 2019 (Scopus)
- XI. **Patates Bitkisinde Biyoteknolojik Çalışmalar**
Arvas Y. E., AKSOY H. M., KAYA Y.
International Journal of Life Sciences and Biotechnology, vol.1, no.1, pp.37-47, 2018 (Peer-Reviewed Journal)
- XII. **Effects of different growth regulators on regeneration of Turkish upland rice**
KAYA Y., KARAKÜTÜK S.
Anadolu Tarım Bilimleri Dergisi, vol.33, no.3, pp.226-231, 2018 (Peer-Reviewed Journal)
- XIII. **Domates Bitkisi Ve in Vitro Mikro Çoğaltımı (Tomato Plant and Its In Vitro Micropropagation)**
Al-Remi F., ARVAS y. e., DURMUŞ M., KAYA Y.
Journal of Engineering Technology and Applied Sciences, vol.3, no.1, pp.55-73, 2018 (Peer-Reviewed Journal)
- XIV. **Tagetes Minuta Bitkisinin Mikro Üretimi Üzerine Farklı BAP ve IAA Konsantrasyonlarının Etkileri**
elnaz l., ARVAS y. e., KAYA Y.
International Journal of Life Sciences and Biotechnology, vol.1, no.2, pp.96-104, 2018 (Peer-Reviewed Journal)
- XV. **Selection of Root-Knot Nematod Resistance in Inbred Tomato Lines Using CAPS Molecular Markers**
SEÇGİN Z., ARVAS y. e., Ssendawula S. P., KAYA Y.
International Journal of Life Sciences and Biotechnology, vol.1, no.1, pp.10-16, 2018 (Peer-Reviewed Journal)
- XVI. **Upland rice Kır Çeltik Bitkisi**
Kaya Y., Kuyumcu G., Karakütük S., Arvas Y. E.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.27, no.1, pp.151-156, 2017 (Scopus)
- XVII. **Evaluation of Transgenic Nicotiana tabacum with dehE Gene Using Transposon Based IRAP Markers**
KAYA Y., YILMAZ S., GÖZÜKIRMIZI N., huyop f. z.
AMERICAN JOURNAL OF PLANT SCIENCES, vol.4, no.08, pp.41-44, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Basic Microbiology Technique on Identification on Selective Bacteria**
Edbeib M. F., huyop f. z., KAYA Y.
lambert press, 2019
- II. **Tissue Culture and Transformation of Eggplant with Synthetic Gene**
huyop f. z., KAYA Y., Edbeib M. F.
Scholar's Press, Riga, 2019
- III. **Genetic Diversity in Plants**
KAYA Y., OKUMUŞ A., mohamed s., Edbeib M. F., huyop f. z.
in: Advances in Biosciences vi, Fahrul Zaman Huyop, Sulaiman Mohamed, Editor, utm press, Johor, pp.5-23, 2019
- IV. **Tissue Culture of Tobacco**
KAYA Y., HUYOP F. Z.
LULU PRESS, 2018
- V. **Role Of Dehalogenase In Transgenic Tobacco And Its Future Prospects**
KAYA Y., SEÇGİN Z., Edbeib M. F., FAHRUL Z.
in: The Discovery of Potential Products from Plants, FAHRUL ZAMAN HUYOP, M. Faraj, Editor, UTM PRESS, Johor-Bahru, pp.81-95, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **A BIOTECHNOLOGICAL APPROACHES ON AIGUL FLOWER (FRITILLARIA EDUARDII)**

Kimsanaliev D., ÖMÜRZAKOVA N., KADIRALİYEVA B., İMANBERDİYEVA N., Maadalieva A., Moldaliev Z. T., KAYA Y.
8th International Congress on Fundamental and Applied Sciences 2021 (ICFAS2021), 19 October 2021

- II. **Characteristics of Kyrgyzstan Specific Uzgen Rice And Biotechnological Approaches In Production**
Kydyralieva B., Omurzakova N., Tasheva G., Kurmanbekova G., MARAKLI S., KAYA Y.
International Conference of The Biotechnology Society of Nepal-2021, Nepal, 12 February 2021, vol.1, pp.58
- III. **Alternative bioremediation agents against haloacids, haloacetates and chlorpyrifos using novel halogen-degrading bacterial isolates from the hypersaline Lake Tuz**
Oyewusi H. A., WAHAB R. A., KAYA Y., Edbeib M. F., huyop f. z.
International Conference of The Biotechnology Society of Nepal-2021 (ICBSN-2021)" 12-14 Şubat 2021, 1, 1, 3 / 2021 [Uluslararası], Nepal, 12 February 2021
- IV. **Investigation of The Antimicrobial Effect Of Auxenochlorella Pyrenoidosa Microalgae Isolated From Antarctica**
VEHAPİ M., Çelik A., KOÇER A. T., İnan B., KAYA Y., ÖZÇİMEN D.
4. Ulusal Kutup Bilimleri Çalıştayı ve Birinci Kutup Şenliği, Turkey, 22 - 23 October 2020
- V. **Cultivation and Adaptation Of Auxenochlorella Pyrenoidosa Microalgae Iso-lated From Antarctica Under Different Conditions**
Çelik A., İnan B., KOÇER A. T., VEHAPİ M., KAYA Y., ÖZÇİMEN D.
4. Ulusal Kutup Bilimleri Çalıştayı ve Birinci Kutup Şenliği, Kocaeli, Turkey, 22 - 23 October 2020
- VI. **Dehalogenase-Producing Psychrophilic Bacterial Isolate Taseburcu001 And Its Potential Role In Bioremediation**
Süleyman Faruk K., Edbeib M. F., Kaya S., AKSOY H. M., MARAKLI S., KAYA Y.
4. Ulusal Kutup Bilimleri Çalıştayı, Turkey, 23 - 24 October 2020
- VII. **Investigation of antibacterial and antifungal effects of C. variabilis isolated from Horseshoe Island, SkuaLake, Antarctica**
ÖZÇİMEN D., KAYA Y., AKSOY H. M., KOÇER A. T., Çelik A., İnan B.
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- VIII. **Isolation and identification of some microorganism species collected from Horseshoe Island, Skua Lake, Antarctica and microalgae cultivation**
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