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Илимий даражалары

1	Др.	2010	,
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Берген сабактары

BIO-315 Өсүмдүктөрдүн өнүгүүсүнүн биологиясы

BTE-516 Айыл чарба биотехнологиясы

FBE-800 Магистрдик диссертация

FBE-801 Илим изилдөө практикасы

BTE-802 Өндүрүштүк практика

BIO-623 Тереңдетилген клеткалык биология

BIO-628 Биотехнология жана өсүмдүктөрдүн селекциясы

BIO-531 Өсүмдүктөрдүн ткандык культуралары

BTE-501 Биотехнологияда колдонулуучу методдор

BTE-502 Семинар

BTE-509 Клеткалык жана ткандык культуралар

BIO-451 Бүтүрүү квалификациялык иши i

UNS-919 Биокоопсуздук

BIO-309 Өсүмдүктөрдүн өнүгүүсүнүн биологиясы

BIO-452 Бүтүрүү квалификациялык иши ii

BIO-309 Өсүмдүктөрдүн өнүгүүсүнүн биологиясы

BIO-402 Генетикалык инженерия

BTE-500 Илим изилдөө практикасы

BTE-530 Магистрдик диссертация

BIO-630 Микроорганизмдердин тереңдетилген биотехнологиясы

1	Магистр Венера Арстаналы кызы 2025 KIRGIZ DAĞ MERİŇOS KOYUNUNUN GENOMUNDAK' BAZI RETROTRANSPOZON ARAŞTIRILMASI
2	Магистр Асел Абжалиева 2025 KIRGIZİSTANDA YETİŞEN BAZI YEREL CEVİZ ÇEŞİTLERİNİN GENOTİPLERİNDE TRANSPOZ

3	Магистр Бегимай Урстембек кызы 2024 KIRGIZISTANDA ÇELTİK VE İŞLENMİŞ ÇELTİK ÜRÜNLERİNDE GENETİĞİ DEĞİŞTİRİLMİŞ
4	Магистр Бермет Исаева 2024 KIRGIZISTAN'DA YETİŞTİRİLEN PAMUK BİTKİLERİNDE GENETİĞİ DEĞİŞTİRİLMİŞ ORGAN
5	Магистр Айжан Мурзаканова 2024 FERULA FOETIDA BİTKİSİNİN IN VİTRO DOKU KÜLTÜTÜ İLE ÜRETİMLE OLAN.BELİRLENM
6	Магистр Анархан Абылаева 2023 TÜTÜN (NİKOTİANA TABACUM) DOKU KÜLTÜRÜ ORTAMINDA MUMİYO'NUN ETKİSİNİN ARAŞT
7	Магистр Бурмакан Акматова 2023 SEMENOV KÖKNAR(ABİES SEMENOVİİ) GENOTİPLERİNDE TRANSPOZON HAREKETLERİNİN BE
8	Магистр Даниел Кимсаналиев 2022 KIRGIZISTANDA YETİŞEN ENDEMİK FRITILLARIA EDUARDİİ BİTKİSİNDE MİRNA ANALİZL
9	Магистр Таттыгүл Сабыркулова 2022 KIRGIZ-DA YETİŞ.YEREL AK TURPAK ÇELTİK ÇEŞ.İN VİTRO ŞARTL.DOKU KÜLTÜRÜ P.B
10	Магистр Гүлназ Ташева 2021 YEREL ÖZGEN ÇELTİK ÇEŞİTLERİNİN İN VİTRO KOŞULL. DOKU KÜLTÜRÜ PEREMETRELER.

SCI, SCI-E, SSCI жана AHCI индекстүү журналдарда басылган макалалары

1. U.B.Meral, M.F.Edbeib, S.F.Kirkinci, H.M.Aksoy, A.Akman, R.A.Wahab, F.Huyop, [G.KURMANBEKOVA](#), Y.E.Arvas, [Y.KAYA](#). (2025). A 2,2-dichloropropionic acid-degrading novel Pseudomonas fluorescence strain fatsa001: isolation, identification, and characterization. Bioremediation Journal , 29(1), 1-10. DOI: <https://doi.org/10.1080/10889868.2024.2322466>.
<https://www.webofscience.com/wos/woscc/full-record/WOS:001175990700001>.
2. B.H.Wahhab, H.A.Oyewuse, roswanira, M.H.M.Hood, A.A.A.Hamid, M.S.Al-Nimer, M.F.Edbeib, [Y.KAYA](#), F.Huyop. (2024). Comparative modeling and enzymatic affinity of novel haloacid dehalogenase from Bacillus megaterium strain BHS1 isolated from alkaline

- Blue Lake in Turkey. *Journal of Biomolecular Structure and Dynamics*, 42(3), 1429-1442. DOI: <https://doi.org/10.1080/07391102.2023.2199870>.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000969201800001>.
3. Y.KAYA, S.Marakli, Y.e.arvas, R.Kalendar. (2023). The power of retrotransposons in high-throughput genotyping and sequencing. *FRONTIERS IN PLANT SCIENCE*, 14(1174339), 1-12. DOI: doi: 10.3389/fpls.2023.1174339..
<https://www.webofscience.com/wos/woscc/full-record/WOS:000983052600001>.
 4. H.M.AKSOY, E.Boluk, Y.KAYA, S.Marakli. (2023). The effect of leaf blight disease of rice caused by *Pantoea ananatis* on Nikita, Osr30 and RIRE1 retrotransposons' movements. *Journal of Plant Pathology*, 105(4), 1629-1636. DOI: <https://doi.org/10.1007/s42161-023-01514-x>.
<https://www.webofscience.com/wos/woscc/full-record/WOS:001081448600001>.
 5. E.K.Haji, m.abed, Y.E.Arvas, S.Marakli, Y.KAYA. (2023). ANALYSES of P-Tst-1, P-Tst-3 and P-Tst-6 RETROTRANSPOSONS IN CONVENTIONALLY AND ORGANICALLY PRODUCED TOMATOES. *Journal of Animal and Plant Sciences*, 33(5), 1043-1050. DOI: <https://orcid.org/0000-0003-1506-7913>.
<https://www.webofscience.com/wos/woscc/full-record/WOS:001148783400001>.
 6. Y.KAYA, I.I.Ozyigit, I.Dogan, A.Hocaoglu-Ozyigit, B.Yalcin, A.Erdogan, I.E.Yalcin, E.Cabi. (2023). Production of secondary metabolites using tissue culture-based biotechnological applications. *FRONTIERS IN PLANT SCIENCE*, 14(1132555), 01-28. DOI: 10.3389/fpls.2023.1132555.
<https://www.webofscience.com/wos/woscc/full-record/WOS:001027980300001>.
 7. B.İnan, B.Akın, İ.D.Ünlü, A.T.Koçer, A.Çelik, M.Vehapi, Y.KAYA, D.Özçimen. (2023). Interactive effects of cold and temperate conditions on growth and biochemical content of Antarctic microalga *Chlorella variabilis* YTU.ANTARCTIC.001. *Journal of Applied Phycology*, 35(1), 625-637.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000920113900001>.
 8. Y.KAYA, i.i.Ozyigit, I.Dogan, K.Bajrovic, N.Gozukirmizi. (2022). Cotton Biotechnology: An Efficient Gene Transfer Protocol via *Agrobacterium tumefaciens* for a Greater Transgenic Recovery. *Journal of Natural Fibers*, 19(15), 11582-11596.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000754170400001>.
 9. Y.KAYA, S.F.Kirkinci, M.F.Edbeib, H.M.Aksoy, S.Marakli. (2021). Identification of Dalapon degrading bacterial strain, *Psychrobacter* sp. TaeBurcu001 isolated from Antarctica. *POLAR SCIENCE*, 28(2021), 100656.1-9. DOI: 10.1016/j.polar.2021.100656.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000661806200001>.
 10. Y.KAYA, H.M.AKSOY, S.F.Arslanoglu, M.F.Edbeib, S.MARAKLI. (2021). Antibacterial activity of *Calendula officinalis* and *Echinacea purpurea* extracts against the causal agent of tomatoes' bacterial canker: *Clavibacter michiganensis* subsp. *michiganensis*. *BOLETIN LATINOAMERICANO Y DEL CARIBE DE PLANTAS MEDICINALES Y AROMÁTICAS*, 20(5), 496-502. DOI: 10.37360/blacpma.21.20.5.36.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000674617300004>.
 11. Y.KAYA, A.ASLAN, İ.İ.ÖZYİĞİT, M.F.Edbeib, R.A.Wahab, A.A.A.Hamid, F.Huyop, S.Mohammed, H.M.Aksoy. (2020). *Agrobacterium*- mediated transformation of Turkish upland rice (*Oryza sativa* L.) for Dalapon herbicide tolerance. *Indian Journal of Biotechnology*, 19(4), 237-243.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000665154200001>.

Башка журналдарда басылган макалалары

1. Y.KAYA, S.Marakli, D.Kimsanaliev. (2022). Past, present and future of the *Fritillaria* genus

and Aygöl tulip (*Fritillaria eduardii*), a member of this genus.. International Journal of Life Sciences and Biotechnology , 5(1), 1-15.

<https://dergipark.org.tr/tr/download/article-file/2447551>.

2. Y.KAYA, B.KIDIRALİEVA, N.ÖMÜRZAKOVA, T.Sabirkulova, G.Tasheva. (2022). An overview of rice production in Kyrgyzstan. An overview of rice production in Kyrgyzstan, 3(2), 86-94.
<https://dergipark.org.tr/tr/pub/flsrt/issue/72372/1122101>.
3. Y.KAYA, M.F.Edbeib, R.A.Wahab, H.M.Aksoy, F.Huyop. (2020). Further Analysis of *Burkholderia pseudomallei* MF2 and Identification of Putative Dehalogenase Gene by PCR. *INDONESIAN JOURNAL OF CHEMISTRY*, 20(2), 386-394.
<https://www.webofscience.com/wos/woscc/full-record/WOS:000518458600015>.