

## Kişisel Bilgiler

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## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **HriGFP Novel Fluorescent Protein: Expression and Applications**  
Saeed S., Mehreen H., Gerlevik U., Tariq A., Manzoor S., Noreen Z., Sezerman U., Bokhari H.  
MOLECULAR BIOTECHNOLOGY, cilt.62, ss.280-288, 2020 (SCI İndekslerine Giren Dergi)
- **A comprehensive study on identifying the structural and functional SNPs of human neuronal membrane glycoprotein M6A (GPM6A)**  
Khalid Z., SEZERMAN O. U.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2020 (SCI İndekslerine Giren Dergi)
- **Comparison of endometrial prostanoid profiles in three infertile subgroups: the missing part of receptivity?**  
Keles I. D. , Ulgen E., Erkan M. B. , ÇELİK S. E. , Aydın Y., ÖNEM A. N. , Kandemir H., Arslanoglu T., APAK M. R. , Sezerman U., et al.  
FERTILITY AND STERILITY, cilt.113, ss.670-679, 2020 (SCI İndekslerine Giren Dergi)
- **pathfindR: An R Package for Comprehensive Identification of Enriched Pathways in Omics Data Through Active Subnetworks.**  
Ulgen E., Ozisik O., Sezerman O. U.  
Frontiers in genetics, cilt.10, ss.858, 2019 (SCI İndekslerine Giren Dergi)
- **Investigation of base excision repair gene variants in late-onset Alzheimer's disease.**  
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- **Whole exome sequencing-based analysis to identify DNA damage repair deficiency as a major contributor to gliomagenesis in adult diffuse gliomas.**  
Ülgen E., Can Ö., Bilguvar K., Oktay Y., Akyerli C., Danyeli A., Yakicier M. C. , Sezerman O. U. , Pamir M. N. , Özduman K.  
Journal of neurosurgery, ss.1-12, 2019 (SCI Expanded İndekslerine Giren Dergi)
- **Comparison of Dendritic Cell Activation by Virus-Based Vaccine Delivery Vectors Emphasizes the Transcriptional Downregulation of the Oxidative Phosphorylation Pathway**  
Tsitoura E., Kazazi D., Oz-Arslan D., Sever E. A. , Khalili S., Vassilaki N., Aslanoglou E., Derian N., Six A., SEZERMAN O. U. , et al.  
HUMAN GENE THERAPY, cilt.30, ss.429-445, 2019 (SCI İndekslerine Giren Dergi)
- **Identification of epilepsy related pathways using genome-wide DNA methylation measures: A trio-based approach**  
Ozdemir O., Egemen E., Iseri S. A. U. , SEZERMAN O. U. , Bebek N., Baykan B., Ozbek U.  
PLOS ONE, cilt.14, 2019 (SCI İndekslerine Giren Dergi)
- **A possible founder mutation in FZD6 gene in a Turkish family with autosomal recessive nail dysplasia.**  
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- **First Report and In Silico Analysis of Leishmania virus (LRV2) identified in an autochthonous Leishmania major isolate in Turkey.**  
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- **Computational drug repurposing to predict approved and novel drug-disease associations.**  
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- **Ameliorative potential of Lavandula stoechas in metabolic syndrome via multitarget interactions.**  
Kulabas S., Ipek H., Tufekci A., Arslan S., Demirtas I., Ekren R., Sezerman U., Tumer T.  
Journal of ethnopharmacology, cilt.223, ss.88-98, 2018 (SCI İndekslerine Giren Dergi)
- **Investigating the structural properties of the active conformation BTL2 of a lipase from Geobacillus thermocatenulatus in toluene using molecular dynamic simulations and engineering BTL2 via in-silico mutation.**  
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IEEE/ACM transactions on computational biology and bioinformatics, cilt.15, ss.966-973, 2018 (SCI İndekslerine Giren Dergi)
- **Enhancing Reuse of Data and Biological Material in Medical Research: From FAIR to FAIR-Health.**  
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- **Thermostability of the PYL-PP2C Heterodimer Is Dependent on Magnesium: In Silico Insights into the Link between Heat Stress Response and Magnesium Deficiency in Plants.**  
Timucin E., Sezerman O. U.  
Journal of chemical information and modeling, cilt.58, ss.661-672, 2018 (SCI İndekslerine Giren Dergi)
- **ZK DrugResist 2.0: A TextMiner to extract semantic relations of drug resistance from PubMed.**  
Khalid Z., Sezerman O. U.  
Journal of biomedical informatics, cilt.69, ss.93-98, 2017 (SCI İndekslerine Giren Dergi)
- **Computational approaches for &lt;i>de novo&/i> design and redesign of metal-binding sites on proteins.**  
Akcapanar G., Sezerman O. U.  
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- **An integrative study on the impact of highly differentially methylated genes on expression and cancer etiology.**  
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- **In silico analyses and global transcriptional profiling reveal novel putative targets for Pea3 transcription factor related to its function in neurons.**  
KANDEMİR B., Dag U., Gungor B. B. , Durasi I. M. , Erdogan B., Sahin E., Sezerman U., KURNAZI I.  
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- **Analysis of the interplay between methylation and expression reveals its potential role in cancer aetiology.**  
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- **Differential gene expression analysis of human cumulus cells.**  
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Clinical and experimental reproductive medicine, cilt.46, ss.76-86, 2019 (ESCI İndekslerine Giren Dergi)
- **Expression of the Bone Morphogenetic Protein-2 (BMP2) in the Human Cumulus Cells as a Biomarker of Oocytes and Embryo Quality.**  
Demiray S., Yilmaz O., Goker E., Tavmergen E., Calimlioglu N., Sezerman U., Soykam H., Oktem G.  
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- **A Multiplex-Urease PCR Assay for Detection of Helicobacter pylori Infection Directly from Gastric Biopsy Specimens and Comparison of Multiplex- Urease PCR Results with Rapid Urease Test and Histopathology**  
ÖKTEM OKULLU S., TİFTİKÇİ A., SARUÇ M., ÇİÇEK B., VARDARELİ N. E. , TÖZÜN A. N. , KOCAGÖZ Z. T. , SEZERMAN O. U. , YAVUZ A. S. , SAYI YAZGAN A.  
Clinical Microbiology: Open Access, cilt.6, 2017 (Diğer Kurumların Hakemli Dergileri)
- **Systems Biological Applications for Fungal Gene Expression**  
Akcapinar G., SEZERMAN O. U.  
GENE EXPRESSION SYSTEMS IN FUNGI: ADVANCEMENTS AND APPLICATIONS, ss.385-393, 2016 (Diğer Kurumların Hakemli Dergileri)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **Magnesium confers stability to the PYL10 PP2C complex at high temperatures Insights from molecular dynamics simulations**  
SEZERMAN O. U. , TİMUÇİN E., ÇETİN E.  
2nd International Symposium on Magnesium in Crop Production, Food Quality and Human Health, Sao-Paulo, Brezilya, 4 - 06 November 2014
- **Zinc induces self assembly of thermoalkalophilic lipases A strategy for thermostability**  
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The 28th Annual Symposium of Protein Society, San Diego, CA, Amerika Birleşik Devletleri, 27 - 30 July 2014
- **Modifying the chain length selectivity of Bacillus thermocatenulatus lipase through computational models of the enzyme substrate complex**  
TİMUÇİN E., KUYUCAK S., SEZERMAN O. U.  
İstanbul İstatistiksel Fizik Günleri, 28 - 30 June 2012
- **Computational Models for Chain Length Selectivity of Bacillus thermocatenulatus lipase**  
TİMUÇİN E., KUYUCAK S., SEZERMAN O. U.  
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- **Modification of Media pH Significantly Improves Recombinant Protein Stability in Pichia pastoris**  
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- **High throughput protein expression in Pichia pastoris using a non repressing carbon source**  
GÜL Ö., TİMUÇİN E., YENİLMEZ B., SEZERMAN O. U.  
The Protein Istanbul (PROTIST), İstanbul, Türkiye, 23 - 25 April 2010
- **From in silico to in vitro Modelling and production of Trichoderma reesei endoglucanase 1 mutants in Pichia pastoris for textile biofinishing**  
BAYRAM AKÇAPINAR G., GÜL Ö., SEZERMAN O. U.  
III International Conference on Environmental, Industrial and Applied Microbiology “ (BioMicroWorld2009), Lizbon, Portekiz, 2 - 04 December 2009
- **Cloning of T reesei Cellulase Components in P pastoris and Impact of Loop Mutations on EGI of T reesei**  
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- **Impact of mutations on thermal stability of T reesei EGI a computational study**  
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13th European Congress on Biotechnology (Symbiosis), Barcelona, İspanya, 16 - 19 September 2007, cilt.131, ss.259-260
- **Immobilized Glucose Oxidase GOD for better stability and reuse in biobleaching of textiles**  
BAYRAM AKÇAPINAR G., DAVULCU A., SEZERMAN A. Ö. , Taralp A., SEZERMAN O. U. , ANIŞ P., EREN H. A. , MENCELOĞLU Y. Z.  
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- **Use of cellulase jeffamine networks in place of the free enzyme may alleviate the problem of lost fiber strength during textile processing**

BAYRAM AKÇAPINAR G., Duran K., Körlü Ekmekçi A., BAHTİYARİ M. İ. , Taralp A., SEZERMAN O. U.  
229th National Meeting of the American-Chemical-Society, San Diego, Amerika Birleşik Devletleri, 13 - 17 March  
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- **Treatment of viscose with crosslinked commercial cellulases**

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## **Atıflar**

Toplam Atıf Sayısı (WOS):43

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