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

- **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, vol.10, pp.858, 2019 (Journal Indexed in SCI)
- **Investigation of base excision repair gene variants in late-onset Alzheimer's disease.**  
Ertuzun T., Semerci A., Cakir M. E. , EKMEKÇİOĞLU A., Gok M. O. , Soltys D. T. , de Souza-Pinto N. C. , Sezerman U., MÜFTÜOĞLU M.  
PloS one, vol.14, 2019 (Journal Indexed in SCI)
- **Potential Marker Pathways in the Endometrium That May Cause Recurrent Implantation Failure.**  
Bastu E., Demiral I., Gunel T., Ulgen E., Gumusoglu E., Hosseini M. K. , Sezerman U., Buyru F., Yeh J.  
Reproductive sciences (Thousand Oaks, Calif.), vol.26, pp.879-890, 2019 (Journal Indexed in SCI)
- **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. , Özdoğan K.  
Journal of neurosurgery, pp.1-12, 2019 (Journal Indexed in SCI Expanded)
- **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, vol.30, pp.429-445, 2019 (Journal Indexed in SCI)
- **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, vol.14, 2019 (Journal Indexed in SCI)
- **A possible founder mutation in FZD6 gene in a Turkish family with autosomal recessive nail dysplasia.**  
Saygi C., ALANAY Y., Sezerman U., Yenenler A., Ozoren N.  
BMC medical genetics, vol.20, pp.15, 2019 (Journal Indexed in SCI)
- **First Report and In Silico Analysis of Leishmania virus (LRV2) identified in an autochthonous Leishmania major isolate in Turkey.**  
Kurt Ö., Mansur N., Çavuş İ., Özcan O., Batir M., Gündüz C., Sezerman O. U. , Özbilgin A.  
The new microbiologica, vol.42, pp.64-67, 2019 (Journal Indexed in SCI)
- **Computational drug repurposing to predict approved and novel drug-disease associations.**  
Khalid Z., Sezerman O. U.  
Journal of molecular graphics & modelling, vol.85, pp.91-96, 2018 (Journal Indexed in SCI)
- **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, vol.223, pp.88-98, 2018 (Journal Indexed in SCI)
- **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.**  
Yenenler A., Venturini A., Burduroglu H., Sezerman O. U.  
Journal of molecular modeling, vol.24, pp.229, 2018 (Journal Indexed in SCI)
- **Prediction of HIV Drug Resistance by Combining Sequence and Structural Properties.**

Khalid Z., Sezerman O. U.

IEEE/ACM transactions on computational biology and bioinformatics, vol.15, pp.966-973, 2018 (Journal Indexed in SCI)

- **Enhancing Reuse of Data and Biological Material in Medical Research: From FAIR to FAIR-Health.**  
Holub P., Kohlmayer F., Prasser F., Mayrhofer M. T. , Schluender I., Martin G. M. , Casati S., Koumakis L., Wutte A., Kozera L., et al.  
Biopreservation and biobanking, vol.16, pp.97-105, 2018 (Journal Indexed in SCI)
- **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, vol.58, pp.661-672, 2018 (Journal Indexed in SCI)
- **ZK DrugResist 2.0: A TextMiner to extract semantic relations of drug resistance from PubMed.**  
Khalid Z., Sezerman O. U.  
Journal of biomedical informatics, vol.69, pp.93-98, 2017 (Journal Indexed in SCI)
- **Computational approaches for *de novo* design and redesign of metal-binding sites on proteins.**  
Akcapinar G., Sezerman O. U.  
Bioscience reports, vol.37, 2017 (Journal Indexed in SCI)
- **An integrative study on the impact of highly differentially methylated genes on expression and cancer etiology.**  
Ozer B., Sezerman U.  
PloS one, vol.12, 2017 (Journal Indexed in SCI)
- **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.  
PloS one, vol.12, 2017 (Journal Indexed in SCI)
- **Analysis of the interplay between methylation and expression reveals its potential role in cancer aetiology.**  
Ozer B., Sezerman U.  
Functional & integrative genomics, vol.17, pp.53-68, 2017 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **Differential gene expression analysis of human cumulus cells.**  
Demiray S., Goker E., Tavmergen E., Yılmaz O., Calimlioglu N., Soykam H., Oktem G., Sezerman U.  
Clinical and experimental reproductive medicine, vol.46, pp.76-86, 2019 (Journal Indexed in ESCI)
- **Expression of the Bone Morphogenetic Protein-2 (BMP2) in the Human Cumulus Cells as a Biomarker of Oocytes and Embryo Quality.**  
Demiray S., Yılmaz O., Goker E., Tavmergen E., Calimlioglu N., Sezerman U., Soykam H., Oktem G.  
Journal of human reproductive sciences, vol.10, pp.194-200, 2017 (Refereed Journals of Other Institutions)
- **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, vol.6, 2017 (Refereed Journals of Other Institutions)
- **Systems Biological Applications for Fungal Gene Expression**  
Akcapinar G., SEZERMAN O. U.  
GENE EXPRESSION SYSTEMS IN FUNGI: ADVANCEMENTS AND APPLICATIONS, pp.385-393, 2016 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- **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, Brazil, 4 - 06 November 2014
- **Zinc induces self assembly of thermoalkalophilic lipases A strategy for thermostability**  
TİMUÇİN E., SEZERMAN O. U.  
The 28th Annual Symposium of Protein Society, San Diego, CA, United States Of America, 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
- **Modification of Media pH Significantly Improves Recombinant Protein Stability in Pichia pastoris**  
GÜL Ö., TİMUÇİN E., SEZERMAN O. U.  
The International Conference on Enzyme Science and Technology, Muğla, Turkey, 31 October - 04 November 2011
- **Computational Models for Chain Length Selectivity of Bacillus thermocatenulatus lipase**  
TİMUÇİN E., KUYUCAK S., SEZERMAN O. U.  
The International Conference on Enzyme Science and Technology, Muğla, Turkey, 31 October - 04 November 2011
- **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, Turkey, 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, Portugal, 2 - 04 December 2009
- **Cloning of T reesei Cellulase Components in P pastoris and Impact of Loop Mutations on EGI of T reesei**  
BAYRAM AKÇAPINAR G., GÜL Ö., SEZERMAN O. U.  
International Enzyme Engineering Symposium (IEES'08), Aydın, Turkey, 1 - 05 October 2008
- **Impact of mutations on thermal stability of T reesei EGI a computational study**  
BAYRAM AKÇAPINAR G., Sezerman A. Ö. , SEZERMAN O. U.  
13th European Congress on Biotechnology (Symbiosis), Barcelona, Spain, 16 - 19 September 2007, vol.131, pp.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.  
7th International Symposium on Biocatalysis and Biotransformations (BIOTRANS 2005), Delft, Netherlands, 3 - 08 July 2005
- **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, United States Of America, 13 - 17 March 2005
- **Treatment of viscose with crosslinked commercial cellulases**  
BAYRAM AKÇAPINAR G., Duran K., BAHTİYARİ M. İ. , Körlü Ekmekçi A., Taralp A., SEZERMAN O. U.  
3rd International Conference on Textile Biotechnology (INTB04), Graz, Austria, 13 - 16 June 2004

## Citations

Total Citations (WOS):42

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