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Research Areas

bioinformatics, Computer Science, Statistics, Statistical Analysis and Applications

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

- I. **The importance of dysregulated miRNAs on ovarian cysts and epithelial ovarian cancer**
Gumusoglu E., Gunel T., Hosseini M. K. , Seymen N., Senol T., SEZERMAN O. U. , Topuz S., Aydinli K.
EUROPEAN JOURNAL OF GYNAECOLOGICAL ONCOLOGY, vol.42, no.1, pp.66-72, 2021 (Journal Indexed in SCI)
- II. **CogNet: classification of gene expression data based on ranked active-subnetwork- oriented KEGG pathway enrichment analysis**
Yousef M., Ulgen E., SEZERMAN O. U.
PEERJ COMPUTER SCIENCE, 2021 (Journal Indexed in SCI)
- III. **A recursive molecular docking coupled with energy-based pose-rescoring and MD simulations to identify hsGC beta H-NOX allosteric modulators for cardiovascular dysfunctions**
Khalid R. R. , Maryam A., Cinaroglu S. S. , Siddiqi A. R. , SEZERMAN O. U.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2021 (Journal Indexed in SCI)
- IV. **Lipase and Water in a Deep Eutectic Solvent: Molecular Dynamics and Experimental Studies of the Effects of Water-In-Deep Eutectic Solvents on Lipase Stability.**
Shehata M., Unlu A., Sezerman U., Timucin E.
The journal of physical chemistry. B, vol.124, pp.8801-8810, 2020 (Journal Indexed in SCI)
- V. **Intraoperative Neuromonitoring of Blink Reflex During Posterior Fossa Surgeries and its Correlation With Clinical Outcome.**
Aydinlar E., Kocak M., Soykam H., Mat B., Dikmen P., Sezerman O., Elmaci I., Pamir M.
Journal of clinical neurophysiology : official publication of the American Electroencephalographic Society, no.0, 2020 (Journal Indexed in SCI Expanded)
- VI. **Analysis of Correlation between the Seven Important Helicobacter pylori (H. pylori) Virulence Factors and Drug Resistance in Patients with Gastritis**
ÖKTEM OKULLU S., Cekic-Kipritci Z., Kilic E., Seymen N., Mansur-Ozen N., SEZERMAN O. U. , GÜROL Y.
GASTROENTEROLOGY RESEARCH AND PRACTICE, vol.2020, 2020 (Journal Indexed in SCI)
- VII. **Progesterone at high doses reduces the growth of U87 and A172 glioblastoma cells: Proteomic changes regarding metabolism and immunity**
Altinoz M., Ucal Y., Yilmaz M., Kiris İ., Ozisik O., Sezerman U., Ozpinar A., Elmaci I.
CANCER MEDICINE, vol.9, no.16, pp.5767-5780, 2020 (Journal Indexed in SCI)
- VIII. **Probing the Structural Dynamics of the Catalytic Domain of Human Soluble Guanylate Cyclase.**
Khalid R., Maryam A., Sezerman O. U. , Mylonas E., Siddiqi A., Kokkinidis M.
Scientific reports, vol.10, pp.9488, 2020 (Journal Indexed in SCI)
- IX. **Cartography of opportunistic pathogens and antibiotic resistance genes in a tertiary hospital environment**
Chng K. R. , Li C., Bertrand D., Ng A. H. Q. , Kwah J. S. , Low H. M. , Tong C., Natrajan M., Zhang M. H. , Xu L., et al.

NATURE MEDICINE, vol.26, no.6, pp.941-954, 2020 (Journal Indexed in SCI)

- X. **High-throughput profiling reveals perturbation of endoplasmic reticulum stress-related genes in atherosclerosis induced by high-cholesterol diet and the protective role of vitamin E.**
Bozaykut P., Ekren R., Sezerman O. U. , Gladyshev V., Ozer N.
BioFactors (Oxford, England), 2020 (Journal Indexed in SCI Expanded)
- XI. **Understanding thermal and organic solvent stability of thermoalkalophilic lipases: insights from computational predictions and experiments.**
Shehata M., Timucin E., Venturini A., Sezerman O. U.
Journal of molecular modeling, vol.26, pp.122, 2020 (Journal Indexed in SCI Expanded)
- XII. **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, vol.132, no.5, pp.1435-1446, 2020 (Journal Indexed in SCI)
- XIII. **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, vol.62, no.5, pp.280-288, 2020 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **Understanding the impacts of self-shuffling approach on structure and function of shuffled endoglucanase enzyme via MD simulations Kendi üzerine gerçekleştirilen DNA karma yöntemi ile elde edilen endoglukanaz enzimlerinin yapı ve fonksiyon değişikliklerinin MD simülasyonları ile anlaşılması**
Yenenler A., Gerlevik U., Sezerman U.
Turkish Journal of Biochemistry, vol.45, no.2, 2020 (Journal Indexed in SCI)
- XVI. **A harmonized meta-knowledgebase of clinical interpretations of somatic genomic variants in cancer.**
Wagner A. H. , Walsh B., Mayfield G., Tamborero D., Sonkin D., Krysiak K., Deu-Pons J., Duren R. P. , Gao J., McMurry J., et al.
Nature genetics, vol.52, no.4, pp.448-457, 2020 (Journal Indexed in SCI Expanded)
- XVII. **Comparison of endometrial prostanoid profiles in three infertile subgroups: the missing part of receptivity?**
Keles I. D. , Ülgen 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, vol.113, no.3, pp.670-679, 2020 (Journal Indexed in SCI)
- XVIII. **Adaptive phenotypic modulations lead to therapy resistance in chronic myeloid leukemia cells.**
Baykal-Köse S., Acikgoz E., Yavuz A., Gönül G., Ateş H., Sezerman O. U. , Özsan G., Yüce Z.
PloS one, vol.15, 2020 (Journal Indexed in SCI)
- XIX. **Response Assessment With Molecular Characterization of Circulating Tumor Cells and Plasma MicroRNA Profiling in Patients With Locally Advanced Breast Cancer During Neoadjuvant Chemotherapy.**
Akkiprik M., Koca S., Uğurlu M., Ekren R., Peker E., Alan Ö., Erzik C., Güllü A., Telli T., Güllüoğlu M., et al.
Clinical breast cancer, 2020 (Journal Indexed in SCI)
- XX. **SARS-CoV-2 isolation and propagation from Turkish COVID-19 patients**
Taştan C., Yurtsever B., Sir K., Dilek K., Demir S., Abanuz S., Seyis U., Yildirim M., Kuzay R., Elİbol Ö., et al.
TURKISH JOURNAL OF BIOLOGY, vol.44, no.3, pp.192-202, 2020 (Journal Indexed in SCI)
- XXI. **pathfinder: 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)
- XXII. **Investigation of base excision repair gene variants in late-onset Alzheimer's disease.**

Ertuzun T., Semerci A., Cakir M. E. , Ekmekçiöğlü 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)

- XXIII. **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, no.7, pp.879-890, 2019 (Journal Indexed in SCI Expanded)
- XXIV. **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, no.4, pp.429-445, 2019 (Journal Indexed in SCI)
- XXV. **Identification of epilepsy related pathways using genome-wide DNA methylation measures: A trio-based approach.**
Ozdemir Ö., Egemen E., Iseri S. A. U. , SEZERMAN O. U. , Bebek N., Baykan B., Ozbek U.
PloS one, vol.14, no.2, 2019 (Journal Indexed in SCI Expanded)
- XXVI. **Enhancing Enzymatic Properties of Endoglucanase I Enzyme from Trichoderma Reesei via Swapping from Cellobiohydase I Enzyme**
Sezerman O. U. , Yenenler A., Kurt H.
CATALYSTS, vol.9, no.2, pp.130-147, 2019 (Journal Indexed in SCI)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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, no.3, pp.966-973, 2018 (Journal Indexed in SCI)
- XXXIII. **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, no.2, pp.97-105, 2018 (Journal Indexed in SCI)
- XXXIV. **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)
- XXXV. **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)
- XXXVI. **Computational approaches for &i&t;de novo&t;/i&t; design and redesign of metal-binding sites on proteins.**
Akcapinar G., Sezerman O. U.
Bioscience reports, vol.37, 2017 (Journal Indexed in SCI)
- XXXVII. **An integrative study on the impact of highly differentially methylated genes on expression and cancer etiology.**
Ozer B., Sezerman U.
PloS one, vol.12, no.2, 2017 (Journal Indexed in SCI)
- XXXVIII. **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., KURNAZ I.
PloS one, vol.12, no.2, 2017 (Journal Indexed in SCI)
- XXXIX. **Analysis of the interplay between methylation and expression reveals its potential role in cancer aetiology.**
Ozer B., Sezerman U.
Functional & integrative genomics, vol.17, no.1, pp.53-68, 2017 (Journal Indexed in SCI)
- XL. **Ligand binding pocket of a novel Allatostatin receptor type C of stick insect, Carausius morosus**
Sahbaz B. D. , SEZERMAN O. U. , TORUN H., BİRGÜL İYİSON N.
SCIENTIFIC REPORTS, vol.7, 2017 (Journal Indexed in SCI)
- XLI. **Active Subnetwork GA: A Two Stage Genetic Algorithm Approach to Active Subnetwork Search**
ÖZİŞİK O., Bakir-Gungor B., DİRİ B., Sezerman O. U.
CURRENT BIOINFORMATICS, vol.12, no.4, pp.320-328, 2017 (Journal Indexed in SCI)
- XLII. **Predicting the impact of mutations on the specific activity of Bacillus thermocatenuatus lipase using a combined approach of docking and molecular dynamics**
Yukselen O., Timucin E., Sezerman U.
JOURNAL OF MOLECULAR RECOGNITION, vol.29, no.10, pp.466-475, 2016 (Journal Indexed in SCI)
- XLIII. **RACK1 Is an Interaction Partner of ATG5 and a Novel Regulator of Autophagy**
Erbil S., ORAL Ö., Mitou G., Kig C., Durmaz-Timucin E., Guven-Maiorov E., Gulacti F., Gokce G., Dengjel J., Sezerman O. U. , et al.
JOURNAL OF BIOLOGICAL CHEMISTRY, vol.291, no.32, pp.16753-16765, 2016 (Journal Indexed in SCI)
- XLIV. **Design and characterizations of two novel cellulases through single-gene shuffling of Cel12A (EG3) gene from Trichoderma reseei**
Yenenler A., Sezerman O. U.
PROTEIN ENGINEERING DESIGN & SELECTION, vol.29, no.6, pp.219-229, 2016 (Journal Indexed in SCI)
- XLV. **Probing the roles of two tryptophans surrounding the unique zinc coordination site in lipase family I.5**
Timucin E., Cousido-Siah A., Mitschler A., Podjarny A., Sezerman O. U.
PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS, vol.84, no.1, pp.129-142, 2016 (Journal Indexed in SCI)
- XLVI. **Prediction of neddylation sites from protein sequences and sequence-derived properties**
Yavuz A. S. , Sozer N. B. , Sezerman O. U.
BMC BIOINFORMATICS, vol.16, 2015 (Journal Indexed in SCI)
- XLVII. **A novel analysis strategy for integrating methylation and expression data reveals core pathways for thyroid cancer aetiology**
Ozer B., Sezerman O. U.
BMC GENOMICS, vol.16, 2015 (Journal Indexed in SCI)
- XLVIII. **Assessment of global and gene-specific DNA methylation in rat liver and kidney in response to non-genotoxic carcinogen exposure**
Ozden S., Kara N. T. , Sezerman O. U. , Durasi I. M. , Chen T., Demirel G., Alpertunga B., Chipman J. K. , Mally A.
TOXICOLOGY AND APPLIED PHARMACOLOGY, vol.289, no.2, pp.203-212, 2015 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Differential gene expression analysis of human cumulus cells.**
Demiray S., Goker E., Tavmergen E., Yilmaz O., Calimlioglu N., Soykam H., Oktem G., Sezerman U.
Clinical and experimental reproductive medicine, vol.46, pp.76-86, 2019 (Journal Indexed in ESCI)
- II. **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.
Journal of human reproductive sciences, vol.10, pp.194-200, 2017 (Refereed Journals of Other Institutions)
- III. **MOLECULAR DOCKING OF ANTHRANOIDS ON SOME TARGETED HUMAN PROTEINS**
DEMİRİZER L. Ö. , ÖZENVER N., UZUN M., YÜKSELEN O., GÜVENALP Z., SEZERMAN O. U.
Fabad Journal of Pharmaceutical Sciences, vol.41, pp.1-16, 2017 (Other Refereed National Journals)
- IV. **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)
- V. **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

- I. **Seizures, developmental delay, mild intellectual disability, muscular hypotonia, and optic atrophy: About the genetic diagnosis of patient with a novel ATP1A3 mutation**
Saygi C., Sezerman U.
52nd Conference of the European-Society-of-Human-Genetics (ESHG), Gothenburg, Sweden, 15 - 18 June 2019, vol.27, pp.1863
- II. **Rationally designed FOXO4-p53 interfering peptide selectively kills chemo-therapy-induced senescent and dormant cancer cells in vivo**
Timuçin E., Fischer J. M. , Sezerman U., Çınaroğlu S. S.
Ending Age-Related Diseases: Investment Prospects and Advances in Research conference, New-York, United States Of America, 11 - 12 July 2019, pp.39
- III. **Leishmaniasis in Turkey: comparison of the microbiota of the intact skin and lesion site in patients with cutaneous leishmaniasis**
KURT Ö., NIELSEN H. V. , HARMAN M., ÖZCAN O., ÇAVUŞ İ., ANDERSEN L. O. , FUURSTED K., SEZERMAN O. U. , ÖZBİLGİN A.
29. ECCMID, Amsterdam, Netherlands, 13 - 16 April 2019
- IV. **Irritable bowel syndrome and microbiota: first clinical study on correlations between gut bacteria, Dientamoeba fragilis, Blastocystis and eating habits in Turkey**
KURT Ö., Munkhtsetseg B., Stensvold C. R. , Özcan o., Andersin L. O. , ÖKTEM OKULLU S., SEZERMAN O. U. , nielsen H., TÖZÜN A. N.
29th ECCMID the European Congress of Clinical Microbiology and Infectious Diseases, Amsterdam, Netherlands, 13 - 16 April 2019
- V. **ENDOMETRIAL GENE EXPRESSION IN PATIENTS WITH RECURRENT IMPLANTATION FAILURE.**
Demiral I., Bastu E., Gunel T., Sezerman U., Gumusoglu E., Ulgen E., Hosseini M. K. , Buyru F., Yeh J.
73rd Scientific Congress and Expo of the American-Society-for-Reproductive-Medicine (ASRM), San-Antonio, Northern Mariana Islands, 28 October - 01 November 2017, vol.108

- VI. **RAC1 SIGNALING PATHWAY IS CRUCIAL FOR ETIOLOGY OF REPEATED IMPLANTATION FAILURE (RIF).**
Bastu E., Gunel T., Sezerman O. U. , Demiral I., Gumusoglu E., Ulgen E., Hosseini M. K. , Buyru F., Yeh J.
73rd Scientific Congress and Expo of the American-Society-for-Reproductive-Medicine (ASRM), San-Antonio, Northern Mariana Islands, 28 October - 01 November 2017, vol.108
- VII. **Integrated Genomic and Proteomic Analyses of Multiple Sclerosis**
EVEREST E., Uygunoğlu U., TÛTÛNCÛ M., SAİP S., SEZERMAN O. U. , SİVA A., TAHİR TURANLI E.
American Academy of Neurology 69th Annual Meeting, 22 - 28 April 2017
- VIII. **Characterization of the binding pocket of Allatostatin receptor type C of stick insect**
DUAN ŞAHBAZ B., SEZERMAN O. U. , TORUN H., BİRGÛL İYİSON N.
Glisten Symposium, Porto, Portugal, 29 - 31 March 2017
- IX. **Proteomic Analysis in CSF Identified Subtype Specific and Shared Molecular Pathways for Multiple Sclerosis Clinical Phenotypes**
Avşar T., Durası İ. M. , Uygunoğlu U., Tütüncü M., Nuri Onat D., SAİP S., SEZERMAN O. U. , SİVA A., TAHİR TURANLI E.
American Academy of Neurology, 18 - 25 April 2015
- X. **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
- XI. **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
- XII. **Modifying the chain length selectivity of Bacillus thermocatenuatus lipase through computational models of the enzyme substrate complex**
TİMUÇİN E., KUYUCAK S., SEZERMAN O. U.
İstanbul İstatistiksel Fizik Günleri, 28 - 30 June 2012
- XIII. **Computational Models for Chain Length Selectivity of Bacillus thermocatenuatus lipase**
TİMUÇİN E., KUYUCAK S., SEZERMAN O. U.
The International Conference on Enzyme Science and Technology, Muğla, Turkey, 31 October - 04 November 2011
- XIV. **Modification of Media pH Significantly Improves Recombinant Protein Stabilityin Pichia pastoris**
GÛL Ö., TİMUÇİN E., SEZERMAN O. U.
The International Conference on Enzyme Science and Technology, Muğla, Turkey, 31 October - 04 November 2011
- XV. **High throughput protein expression in Pichia pastoris using a non repressing carbon source**
GÛL Ö., TİMUÇİN E., YENİLMEZ B., SEZERMAN O. U.
The Protein Istanbul (PROTIST), İstanbul, Turkey, 23 - 25 April 2010
- XVI. **From in silico to in vitro Modelling and production of Trichoderma reesei endoglucanase 1 mutants in Pichia pastoris for textile biofinishing**
BAYRAM AKÇAPINAR G., GÛL Ö., SEZERMAN O. U.
III International Conference on Environmental, Industrial and Applied Microbiology “ (BioMicroWorld2009), Lizbon, Portugal, 2 - 04 December 2009
- XVII. **Cloning of T reesei Cellulase Components in P pastoris and Impact of Loop Mutations on EGI of T reesei**
BAYRAM AKÇAPINAR G., GÛL Ö., SEZERMAN O. U.
International Enzyme Engineering Symposium (IEES'08), Aydın, Turkey, 1 - 05 October 2008
- XVIII. **Impact of mutations on thermal stability of T reesei EGII 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
- XIX. **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

XX. **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

XXI. **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

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