

## Asst. Prof. BURCU GÜNGÖR

### Personal Information

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### Research Areas

Computer Sciences, Engineering and Technology

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

- **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, pp.320-328, 2017 (Journal Indexed in SCI)
- **'Epistatic interactions between autoimmunity and genetic thrombophilia' Reply**  
Bakir-Gungor B., REMMERS E. F. , MEGURO A., MIZUKI N., KASTNER D. L. , Gül A., Sezerman O. U.  
EUROPEAN JOURNAL OF HUMAN GENETICS, vol.23, pp.1279-1280, 2015 (Journal Indexed in SCI)
- **Identification of possible pathogenic pathways in Behcet's disease using genome-wide association study data from two different populations**  
Bakir-Gungor B., REMMERS E. F. , MEGURO A., MIZUKI N., KASTNER D. L. , Gül A., Sezerman O. U.  
EUROPEAN JOURNAL OF HUMAN GENETICS, vol.23, pp.678-687, 2015 (Journal Indexed in SCI)
- **PANOGA: a web server for identification of SNP-targeted pathways from genome-wide association study data**  
Bakir-Gungor B., Egemen E., Sezerman O. U.  
BIOINFORMATICS, vol.30, pp.1287-1289, 2014 (Journal Indexed in SCI)
- **HomSI: a homozygous stretch identifier from next-generation sequencing data**  
GORMEZ Z., Bakir-Gungor B., SAGIROGLU M. S.  
BIOINFORMATICS, vol.30, pp.445-447, 2014 (Journal Indexed in SCI)
- **Identifying SNP targeted pathways in partial epilepsies with genome-wide association study data**  
Bakir-Gungor B., BAYKAN B., Iseri S. U. , Tuncer F. N. , Sezerman O. U.  
EPILEPSY RESEARCH, vol.105, pp.92-102, 2013 (Journal Indexed in SCI)

### Articles Published in Other Journals

- **Weighted Association Rules and Scoring Methodology for Cardiovascular Diseases**  
GÖY G., KOLUKISA B., GÜNGÖR B., Uğur İ., GÜNGÖR V. Ç.  
International Journal of Bioscience, Biochemistry and Bioinformatics, vol.9, pp.222-230, 2019 (Refereed Journals of Other Institutions)
- **Diagnosis of Coronary Heart Disease via Classification Algorithms and a New Feature Selection Methodology**  
KOLUKISA B., Hacilar H., GÖY G., Kuş M., GÜNGÖR B., ARAL A., GÜNGÖR V. Ç.  
International Journal of Data Mining Science, vol.1, pp.8-15, 2019 (Refereed Journals of Other Institutions)

## Refereed Congress / Symposium Publications in Proceedings

- **The identification of affected pathway subnetworks and pathway clusters in colon cancer**  
GÖY G., ÜNLÜ M., GÜNGÖR B.  
Advances in Computational Biology Conference, Barcelona, Spain, 28 - 29 November 2019
- **A New Method to Identify Affected Pathway Subnetworks and Clusters in Colon Cancer**  
GÖY G., ÜNLÜ M., GÜNGÖR B.  
2019 4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, Turkey, 11 - 15 September 2019
- **Kolon kanserinde etkilenen genlerin ve yolakların omik veri entegrasyonu ile in silico yöntemler kullanılarak belirlenmesi**  
ÜNLÜ M., GÜNGÖR B.  
Onkolojide İz Birakanlar Zirvesi, Antalya, Turkey, 14 - 16 November 2019
- **In-Silico Methods to Identify Common MicroRNAs and Pathways of Neuromuscular Diseases**  
ÜNLÜ M., AKSU E., AKKAYA ULUM Z. Y. , HAYTA B., GÜNGÖR B.  
2019 27th Signal Processing and Communications Applications Conference (SIU), Sivas, Turkey, Turkey, 24 - 26 April 2019
- **Machine Learning Analysis of Inflammatory Bowel Disease-Associated Metagenomics Dataset**  
Hacılar H., NALBANTOĞLU Ö. U. , Bakir-Gungor B.  
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.434-438
- **Comparison of Disease Specific Sub-Network Identification Programs**  
Adanur B., GÜNGÖR B.  
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.275-280
- **The relationship between PAPP-A levels, maternal characteristics, gestational diabetes and other biochemical markers of the aneuploidy screening**  
Uzut O. G. , Celebiler H. K. , Harkonen J., Bakir-Gungor B.  
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.448-452
- **Identify Commonly Affected Pathways in Psychiatric Diseases**  
Bulut U., Bakir-Gungor B.  
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.308-311
- **The Identification of Discriminative Single Nucleotide Polymorphism Sets for the Classification of Behcet's Disease**  
GÖRMEZ Y., IŞIK Y. E. , Bakir-Gungor B.  
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.443-447
- **GWAS Analizi ve Kompleks Hastalıklarda Etkilenen Yolakların Belirlenmesi**  
GÜNGÖR B.  
Tıbbi Biyoloji ve Genetik Kongresi, Biyoinformatik 'Omik' Veri Analiz Yöntemleri ve Kişisel Tıp Uygulamaları, Muğla, Turkey, 26 - 30 October 2015, pp.1

## Citations

Total Citations (WOS):60

h-index (WOS):4