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Education Information

Doctorate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Bioengineering (Eng), Turkey 2015 - 2021

Postgraduate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Bioengineering (Eng), Turkey 2012 - 2015

Undergraduate, Halic University, Turkey 2007 - 2011

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Computational systems biology of human viral oncogenesis, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Bioengineering (Eng), 2021

Postgraduate, Computational prediction of genomic and proteomic biomarker candidates for reproductive system associated women diseases, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Bioengineering (Eng), 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Exploring COVID-19 Pandemic Disparities with Transcriptomic Meta-analysis from the Perspective of Personalized Medicine**
KORİ M., KASAVİ C., ARGA K. Y.
Journal of Microbiology, vol.62, no.9, pp.785-798, 2024 (SCI-Expanded)
- II. **A 19-Gene Signature of Serous Ovarian Cancer Identified by Machine Learning and Systems Biology: Prospects for Diagnostics and Personalized Medicine**
KORİ M., Demirtas T. Y., Comertpay B., ARGA K. Y., Sinha R., Gov E.
OMICS A Journal of Integrative Biology, vol.28, no.2, pp.90-101, 2024 (SCI-Expanded)
- III. **Network medicine approaches for identification of novel prognostic systems biomarkers and drug candidates for papillary thyroid carcinoma**
KORİ M., Temiz K., Gov E.
Journal of Cellular and Molecular Medicine, vol.27, no.24, pp.4171-4180, 2023 (SCI-Expanded)
- IV. **Differential co-expression network analysis elucidated genes associated with sensitivity to**

farnesyltransferase inhibitor and prognosis of acute myeloid leukemia

Kelesoglu N., Kori M., Yilmaz B. K., Duru O. A., ARG A K. Y.

Cancer Medicine, vol.12, no.24, pp.22420-22436, 2023 (SCI-Expanded)

- V. **The Versatility of Plectin in Cancer: A Pan-Cancer Analysis on Potential Diagnostic and Prognostic Impacts of Plectin Isoforms**
Gundesli H., Kori M., ARG A K. Y.
OMICS A Journal of Integrative Biology, vol.27, no.6, pp.281-296, 2023 (SCI-Expanded)
- VI. **HPV16 status predicts potential protein biomarkers and therapeutics in head and neck squamous cell carcinoma**
Kori M., ARG A K. Y.
Virology, vol.582, pp.90-99, 2023 (SCI-Expanded)
- VII. **Drug repositioning via host-pathogen protein-protein interactions for the treatment of cervical cancer**
Kori M., TURANLI B., ARG A K. Y.
Frontiers in Oncology, vol.13, 2023 (SCI-Expanded)
- VIII. **Bioinformatics Prediction and Machine Learning on Gene Expression Data Identifies Novel Gene Candidates in Gastric Cancer**
Kori M., Gov E.
Genes, vol.13, no.12, 2022 (SCI-Expanded)
- IX. **A Pan-Cancer Atlas of Differentially Interacting Hallmarks of Cancer Proteins**
Kori M., Ozdemir G. E., ARG A K. Y., Sinha R.
Journal of Personalized Medicine, vol.12, no.11, 2022 (SCI-Expanded)
- X. **Acute Myeloid Leukemia: New Multiomics Molecular Signatures and Implications for Systems Medicine Diagnostics and Therapeutics Innovation**
Kelesoglu N., Kori M., TURANLI B., ARG A K. Y., Yilmaz B. K., Duru O. A.
OMICS A Journal of Integrative Biology, vol.26, no.7, pp.392-403, 2022 (SCI-Expanded)
- XI. **Repositioning of Anti-Inflammatory Drugs for the Treatment of Cervical Cancer Sub-Types**
Kori M., ARG A K. Y., Mardinoglu A., TURANLI B.
Frontiers in Pharmacology, vol.13, 2022 (SCI-Expanded)
- XII. **Multiomics Data Integration Identifies New Molecular Signatures for Abdominal Aortic Aneurysm and Aortic Occlusive Disease: Implications for Early Diagnosis, Prognosis, and Therapeutic Targets**
Kori M., Cig D., ARG A K. Y., KASAVI C.
OMICS A Journal of Integrative Biology, vol.26, no.5, pp.290-304, 2022 (SCI-Expanded)
- XIII. **Human oncogenic viruses: an overview of protein biomarkers in viral cancers and their potential use in clinics**
Kori M., ARG A K. Y.
Expert Review of Anticancer Therapy, vol.22, no.11, pp.1211-1224, 2022 (SCI-Expanded)
- XIV. **The Repertoire of Glycan Alterations and Glycoproteins in Human Cancers**
Kori M., Aydin B., Gulfidan G., Beklen H., Kelesoglu N., Caliskan Iscan A., TURANLI B., ERZİK C., Karademir B., ARG A K. Y.
OMICS A Journal of Integrative Biology, vol.25, no.3, pp.139-168, 2021 (SCI-Expanded)
- XV. **Systems-level biomarkers identification and drug repositioning in colorectal cancer**
Beklen H., Yildirim E., Kori M., TURANLI B., ARG A K. Y.
World Journal of Gastrointestinal Oncology, vol.13, no.7, pp.638-661, 2021 (SCI-Expanded)
- XVI. **Pathways involved in viral oncogenesis: New perspectives from virus-host protein interactomics**
Kori M., ARG A K. Y.
Biochimica et Biophysica Acta - Molecular Basis of Disease, vol.1866, no.10, 2020 (SCI-Expanded)
- XVII. **Novel genomic biomarker candidates for cervical cancer as identified by differential co-expression network analysis**
Kori M., Gov E., ARG A K. Y.
OMICS A Journal of Integrative Biology, vol.23, no.5, pp.261-273, 2019 (SCI-Expanded)

- XVIII. **Potential biomarkers and therapeutic targets in cervical cancer: Insights from the meta-analysis of transcriptomics data within network biomedicine perspective**
Kori M., ARGA K. Y.
PLoS ONE, vol.13, no.7, 2018 (SCI-Expanded)
- XIX. **Multiomics Analysis of Tumor Microenvironment Reveals Gata2 and miRNA-124-3p as Potential Novel Biomarkers in Ovarian Cancer**
Gov E., Kori M., ARGA K. Y.
OMICS A Journal of Integrative Biology, vol.21, no.10, pp.603-615, 2017 (SCI-Expanded)
- XX. **RNA-based ovarian cancer research from 'a gene to systems biomedicine' perspective**
Gov E., Kori M., ARGA K. Y.
Systems Biology in Reproductive Medicine, vol.63, no.4, pp.219-238, 2017 (SCI-Expanded)
- XXI. **Metabolic Biomarkers and Neurodegeneration: A Pathway Enrichment Analysis of Alzheimer's Disease, Parkinson's Disease, and Amyotrophic Lateral Sclerosis**
Kori M., Aydin B., ÜNAL YILDIRIM S., ARGA K. Y., Kazan D.
OMICS A Journal of Integrative Biology, vol.20, no.11, pp.645-661, 2016 (SCI-Expanded)
- XXII. **Molecular signatures of ovarian diseases: Insights from network medicine perspective**
Kori M., Gov E., ARGA K. Y.
Systems Biology in Reproductive Medicine, vol.62, no.4, pp.266-282, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Identification of Potential Predictive Transcript Isoform-Biomarkers for the Early Diagnosis of Breast Cancer Using Bioinformatics Tools**
Gundesli H., KORI M., Ergul C.
Archives of Breast Cancer, vol.11, no.4, pp.360-370, 2024 (Scopus)
- II. **Biomarkers From Discovery to Clinical Application: In Silico Pre-Clinical Validation Approach in the Face of Lung Cancer**
KORI M., Gov E., ARGA K. Y., Sinha R.
Biomarker Insights, vol.19, 2024 (ESCI)
- III. **Prospects of integrated multi-omics-driven biomarkers for efficient hair loss therapy from systems biology perspective**
Yilmaz D. N., Onluturk Aydogan O., Kori M., Aydin B., Rahman M. R., Moni M. A., TURANLI B.
Gene Reports, vol.28, 2022 (ESCI)

Books & Book Chapters

- I. **Functional Genomic Studies in Psychiatric Diseases**
Kori M.
in: Molecular Biology of Psychiatric Diseases, Şefik Güran, Editor, Türkiye Klinikleri, Ankara, pp.59-64, 2024
- II. **Current Status of Viral Biomarkers for Oncogenic Viruses**
Arga K. Y., Kori M.
in: Oncogenic Viruses Volume 2: Medical Applications of Viral Oncology Research, Moulay Mustapha Ennaji, Editor, Academic Press, Massachusetts, pp.221-252, 2022
- III. **The Role of Omics-Driven Network Medicine Approaches for Systems Level Understanding Of Human Diseases**
Aydin B., Kori M., Sinha R., Arga K. Y.
in: Medical Biology and Genetics, Hüsnü Ümit Lüleyap, Editor, Akademisyen Kitabevi, Ankara, pp.1-24, 2020
- IV. **X-Omics Driven Technologies with the Integration of Systems Biology**
Kori M., Aydin B., Sinha R., Arga K. Y.

in: Medical Biology and Genetics, Hüsnü Ümit Lüleyap, Editor, Akademisyen Kitabevi, Ankara, pp.69-88, 2020

V. A Comprehensive Overview of Signaling Pathways and Their Crosstalk in Human Cancers

Kori M., Aydın B., Arga K. Y.

in: The Most Recent Studies in Science and Art, Hasan Arapgirlioglu, Atilla Atik, Salim Hızıroğlu, Robert L. Elliott, Dilek Atik, Editor, Gece Kitaplığı, Ankara, pp.771-784, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. MicroRNA-Based Drug Repositioning Revealed Candidate Drugs for Abdominal Aortic Aneurysm**
DEFNE Ç., EBRAR T., PEKER EYÜBOĞLU İ., KORİ M., FATMA BETÜL Ç., ÇALIŞKAN M., ERZİK C., YILMAZ B., ARGAN K. Y., KASAVİ C.
5th Eurasia Biochemical Approaches&Technologies Congress (EBAT), Antalya, Turkey, 2 - 05 November 2023, pp.68
- II. Co-Expression Network Analysis Reveals Novel Prognostic and Diagnostic Network Biomarkers in Cervical Cancer**
KORİ M., GÖV E., ARGAN K. Y.
5th International Symposium on Bioinformatics (InSyB2021), İstanbul, Turkey, 15 - 17 December 2021
- III. Meta-Analysis of Transcriptomic Data Reveals Potential Biomarkers and Therapeutic Targets in Cervical Cancer.**
KORİ M., ARGAN K. Y.
The International Symposium on Health Informatics and Bioinformatics (HIBIT), İzmir, Turkey, 17 - 19 October 2019
- IV. Drug repositioning for the treatment of cervical cancer through host-pathogen protein-protein interactions**
TURANLI B., KORİ M., ARGAN K. Y.
6. International BAU Drug Design Congress, İstanbul, Turkey, 13 - 15 December 2018
- V. Tissue specific reporter biomolecules in ovarian cancer: novel biomarkers and candidate therapeutic targets**
GÖV E., KORİ M., ARGAN K. Y.
SANKO University Innovation in Medicine Summit-3, Gaziantep, Turkey, 11 - 13 May 2017
- VI. Multi-Omic Stratejiler Yardımıyla Endometriyozis Hastalığı için Biyobelirteç Tayini**
KORİ M., TURANLI B., ARGAN K. Y.
4. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, AFYON, Turkey, 21 - 24 August 2015
- VII. Uncovering the interconnectivity between infertility-associated woman diseases.**
KORİ M., ARGAN K. Y.
FEBS EMBO, Paris, France, 30 August - 04 September 2014, vol.281, pp.276

Metrics

Publication: 37

Citation (Scopus): 419

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