

Asst. Prof. İDİL YET

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: H-8848-2017

Yoksis Researcher ID: 191974

Education Information

Doctorate, University of London-Kings College London, Faculty Of Life Sciences & Medicine, Division Of Genetics & Molecular Medicine/ Department Of Twin Research And Genetic Epidemiology, England 2011 - 2016

Postgraduate, Middle East Technical University, Graduate School Of Informatics, Sağlık Bilişimi/Tıp Bilişimi, Turkey 2007 - 2011

Undergraduate, Baskent University, Fen Edebiyat Fakültesi, İstatistik Ve Bilgisayar Bilimleri, Turkey 2003 - 2007

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, INTEGRATED EPIGENOMICS AND METABOLOMICS ANALYSIS IN TWINS, University Of London-Kings College London, Department Of Twin Research And Genetic Epidemiology, Bioinformatics, 2016

Postgraduate, BIVARIATE RANDOM EFFECTS AND HIERARCHICAL META-ANALYSIS OF SUMMARY RECEIVER OPERATING CHARACTERISTIC CURVE ON FINE NEEDLE ASPIRATION CYTOLOGY, Orta Doğu Teknik Üniversitesi, Enformatik Enstitüsü, Sağlık Bilişimi/Tıp Bilişimi, 2011

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biostatistics and Medical Informatics, Life Sciences, Bioinformatics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyoinformatik A.B.D., 2017 - Continues

Other, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 2015 - 2017

Research Assistant, University of London-Kings College London, 2011 - 2015

Research Assistant, Baskent University, Faculty Of Arts And Sciences, Department Of Statistics And Computer Sciences, 2010 - 2011

Advising Theses

Yet İ., Kılınç G. M., Kompleks hastalıklarla ilişkili genetik varyasyonun zaman - serisi genom dizileme verilerinde popülasyon genetiği yaklaşımları ile incelenmesi, Postgraduate, İ.Taç(Student), Continues

Yet İ., Bayesian networks for omics data analysis in hepatocellular carcinoma single-cell sequencing Hepatosellüler karsinomun tekil hücre diziliminde omiklerin veri analizi için Bayes ağları, Postgraduate, M.ZAHİD(Student), 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A comparative urinary proteomic and metabolomic analysis between renal aa amyloidosis and membranous nephropathy with clinicopathologic correlations**
ÖZBEK D. A., Koc S. C., Kucuk N. E. O., Kablan S. E., YET İ., ÜNER M., Ozlu N., NEMUTLU E., LAY İ., Ayhan A. S., et al.
Journal of Proteomics, vol.293, 2024 (SCI-Expanded)
- II. **Comparing the melissopalynological and next generation sequencing (NGS) methods for the determining of botanical origin of honey**
ÖZKÖK A., AKEL BİLGİÇ H., Kosukcu C., Arık G., Canlı D., YET İ., KARAASLAN İ. Ç.
Food Control, vol.148, 2023 (SCI-Expanded)
- III. **Plasma Proteomic Analysis Reveals the Potential Role of Lectin and Alternative Complement Pathways in IgA Vasculitis Pathogenesis**
Demir S., YET İ., ŞARDAN EKİZ M., Sag E., BİLGİNER Y., ÇELİKBIÇAK Ö., LAY İ., ÖZEN S.
Diagnostics, vol.13, no.10, 2023 (SCI-Expanded)
- IV. **Multomics Integration at Single-Cell Resolution Using Bayesian Networks: A Case Study in Hepatocellular Carcinoma**
Jihad M., YET İ.
Omics : a journal of integrative biology, vol.27, no.1, pp.24-33, 2023 (SCI-Expanded)
- V. **Somatic copy number variant load in neurons of healthy controls and Alzheimer's disease patients**
Turan Z. G., Richter V., Bochmann J., Parvizi P., Yapar E., Işıldak U., Waterholter S., Leclere-Turbant S., SON Ç. D., Duyckaerts C., et al.
Acta Neuropathologica Communications, vol.10, no.1, 2022 (SCI-Expanded)
- VI. **Genomic and phenotypic insights from an atlas of genetic effects on DNA methylation**
Min J. L., Hemani G., Hannon E., Dekkers K. F., Castillo-Fernandez J., Luijk R., Carnero-Montoro E., Lawson D. J., Burrows K., Suderman M., et al.
NATURE GENETICS, vol.53, no.9, pp.1311-1336, 2021 (SCI-Expanded)
- VII. **Genome-wide association studies identify 137 genetic loci for DNA methylation biomarkers of aging**
McCartney D. L., Min J. L., Richmond R. C., Lu A. T., Sobczyk M. K., Davies G., Broer L., Guo X., Jeong A., Jung J., et al.
GENOME BIOLOGY, vol.22, no.1, 2021 (SCI-Expanded)
- VIII. **Metabolomics reveals a link between homocysteine and lipid metabolism and leukocyte telomere length: the ENGAGE consortium**
van der Spek A., Broer L., Draisma H. H. M., Pool R., Albrecht E., Beekman M., Mangino M., Raag M., Nyholt D. R., Dharuri H. K., et al.
SCIENTIFIC REPORTS, vol.9, 2019 (SCI-Expanded)
- IX. **Smoking induces coordinated DNA methylation and gene expression changes in adipose tissue with consequences for metabolic health**
Tsai P., Glastonbury C. A., Eliot M. N., Bollepalli S., YET İ., Castillo-Fernandez J. E., Carnero-Montoro E., Hardiman T., Martin T. C., Vickers A., et al.
CLINICAL EPIGENETICS, vol.10, 2018 (SCI-Expanded)
- X. **GWAS of epigenetic aging rates in blood reveals a critical role for TERT**

Lu A. T., Xue L., Salfati E. L., Chen B. H., Ferrucci L., Levy D., Joehanes R., Murabito J. M., Kiel D. P., Tsai P., et al.
NATURE COMMUNICATIONS, vol.9, 2018 (SCI-Expanded)

- XI. **Genetic Variation at 16q24.2 Is Associated With Small Vessel Stroke**
Traylor M., Malik R., Nalls M. A., Cotlarciuc I., Radmanesh F., Thorleifsson G., Hanscombe K. B., Langefeld C., Saleheen D., Rost N. S., et al.
ANNALS OF NEUROLOGY, vol.81, no.3, pp.383-394, 2017 (SCI-Expanded)
- XII. **Heritable components of the human fecal microbiome are associated with visceral fat**
BEAUMONT M., Goodrich J. K., JACKSON M. A., Yet I., Davenport E. R., VIEIRA-SILVA S., DEBELIUS J., PALLISTER T., MANGINO M., RAES J., et al.
GENOME BIOLOGY, vol.17, 2016 (SCI-Expanded)
- XIII. **Genetic Influences on Metabolite Levels: A Comparison across Metabolomic Platforms**
Yet I., Menni C., SHIN S., Mangino M., SORANZO N., ADAMSKÍ J., SUHRE K., Spector T. D., Kastenmueller G., Bell J. T.
PLOS ONE, vol.11, no.4, 2016 (SCI-Expanded)
- XIV. **A Metabolome-Wide Association Study of Kidney Function and Disease in the General Population**
SEKULA P., GOEK O., Quaye L., Barrios C., LEVEY A. S., ROEMISCH-MARG W., Menni C., Yet I., GIEGER C., INKER L. A., et al.
JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY, vol.27, no.4, pp.1175-1188, 2016 (SCI-Expanded)
- XV. **Genetic and environmental impacts on DNA methylation levels in twins**
Yet I., Tsai P., Castillo-Fernandez J. E., Carnero-Montoro E., Bell J. T.
EPIGENOMICS, vol.8, no.1, pp.105-117, 2016 (SCI-Expanded)
- XVI. **Genome-wide association study identifies novel genetic variants contributing to variation in blood metabolite levels**
Draisma H. H. M., Pool R., KOBL M., Jansen R., PETERSEN A., VAARHORST A. A. M., Yet I., HALLER T., DEMIRKAN A., ESKO T., et al.
NATURE COMMUNICATIONS, vol.6, 2015 (SCI-Expanded)
- XVII. **coMET: visualisation of regional epigenome-wide association scan results and DNA co-methylation patterns**
MARTIN T. C., YET I., TSAI P., BELL J. T.
BMC BIOINFORMATICS, vol.16, 2015 (SCI-Expanded)
- XVIII. **An integrated epigenomic analysis for type 2 diabetes susceptibility loci in monozygotic twins**
Yuan W., XIA Y., Bell C. G., Yet I., Ferreira T., Ward K. J., GAO F., LOOMIS A. K., HYDE C. L., WU H., et al.
NATURE COMMUNICATIONS, vol.5, 2014 (SCI-Expanded)
- XIX. **Long term conservation of human metabolic phenotypes and link to heritability**
YOUSRI N. A., KASTENMUELLER G., GIEGER C., SHIN S., Erte I., Menni C., PETERS A., MEISINGER C., MOHNEY R. P., ILLIG T., et al.
METABOLOMICS, vol.10, no.5, pp.1005-1017, 2014 (SCI-Expanded)
- XX. **Glycosylation of Immunoglobulin G: Role of Genetic and Epigenetic Influences**
Menni C., KESER T., Mangino M., Bell J. T., Erte I., Akmacic I., Vuckovic F., Bakovic M. P., GORNÍK O., McCarthy M. I., et al.
PLOS ONE, vol.8, no.12, 2013 (SCI-Expanded)
- XXI. **Biomarkers for Type 2 Diabetes and Impaired Fasting Glucose Using a Nontargeted Metabolomics Approach**
Menni C., FAUMAN E., Erte I., Perry J. R. B., KASTENMUELLER G., SHIN S., PETERSEN A., HYDE C., Psatha M., Ward K. J., et al.
DIABETES, vol.62, no.12, pp.4270-4276, 2013 (SCI-Expanded)
- XXII. **Metabolomic markers reveal novel pathways of ageing and early development in human populations**
Menni C., KASTENMUELLER G., PETERSEN A. K., Bell J. T., Psatha M., Tsai P., GIEGER C., SCHULZ H., Erte I., JOHN S., et al.
INTERNATIONAL JOURNAL OF EPIDEMIOLOGY, vol.42, no.4, pp.1111-1119, 2013 (SCI-Expanded)

Articles Published in Other Journals

- Identification of bio-markers for insulin resistance and sensitivity through multi-omics analysis**
YET İ.
Acta Medica, vol.55, no.3, pp.183-188, 2024 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- A PILOT PROTEOMIC ANALYSIS OF PLASMA BIOMARKERS IN IGA VASCULITIS**
DEMİR S., SARDAN M., YET İ., SAĞ E., BİLGİNER Y., ÇELİKBIÇAK Ö., ÖZEN S.
Annual European Congress of Rheumatology (EULAR), ELECTR NETWORK, 03 June 2020, vol.79, pp.1200-1201

Supported Projects

- Kılınç G. M., Kirdök E., Erdal Y. S., Özer F., Yet I., TUBITAK Project, Konak-Patojen İlişkinde Antik Holobiyomlarla Bakış: Dış Çürümesi ile İlişkili Genetik Yapının ve İnsan Ağız Mikrobiyotasının Temporal Değişiminin ve Etkileşiminin Antik DNA ile Araştırılması, 2023 - 2026
- Yet I., Altuner E. M., Polat C., Şardan Ekiz M., Kılınç G. M., TUBITAK Project, Çoklu-Omik Yaklaşımlar Kullanılarak Bazı Antibiyotiklerin Çoklu İlaç Direnci Gösteren Ve Aktif Efflux (Dışa Atım) Pompalarına Sahip Escherichia Coli Suşlarına Etkisinin İncelenmesi, 2023 - 2025
- ÇELİKBIÇAK Ö., YET İ., GENÇAY ÇELEMLİ Ö., ŞARDAN EKİZ M., Özel S., TUBITAK Project, The Investigation of Turkish Major Monofloral Honey Species through Proteomic and Metabolomic Approaches, 2022 - 2025
- Çelikbiçak Ö., Yet İ., Gençay Çelemlı Ö., Şardan Ekiz M., TUBITAK Project, The Investigation of Turkish Major Monofloral Honey Species through Proteomic and Metabolomic Approaches, 2022 - 2025
- YET İ., Karadavut D., Project Supported by Higher Education Institutions, Anadolu'daki Nadir Otoinflatuvar Hastalıklar ile İlişkili Mutasyonlar İçin Alel Yaşının Hesaplanması, 2023 - 2024
- ÇELİKBIÇAK Ö., ŞARDAN EKİZ M., YET İ., GENÇAY ÇELEMLİ Ö., Project Supported by Higher Education Institutions, Türkiyedeki Başlıca Monofloral Bal Çeşitlerinin Proteomik ve Metabolomik Yaklaşımı İle İncelenmesi TÜBİTAK 1001 221Z059 numaralı Ek Bütçe Desteği), 2022 - 2024
- YET İ., KILINÇ G. M., Taç İ., Project Supported by Higher Education Institutions, Kompleks hastalıklarla ilişkili genetik varyasyonun zamanseri genom dizileme verilerinde popülasyon genetiği yaklaşımları ile incelenmesi, 2022 - 2024
- ÇELİKBIÇAK Ö., GENÇAY ÇELEMLİ Ö., ÖZEL S., YET İ., ŞARDAN EKİZ M., Project Supported by Higher Education Institutions, Türkiyedeki Bazı Monofloral Balların ve Bal Üzerinde Arı Irkı Etkilerinin GCMS Temelli Metabolomik ve Foodomik Yaklaşım ile İncelenmesi, 2021 - 2024
- Yet I., Project Supported by Other Official Institutions, Bayes ağlarını kullanarak karaciğer kanserinin tekil hücrelerinin omikler arasındaki ilişkisinin belirlenmesi, 2020 - 2021

Metrics

Publication: 24
Citation (WoS): 1149
Citation (Scopus): 1748
H-Index (WoS): 13
H-Index (Scopus): 16

Scholarships

Full King's College London Doktora Bursu, Special Institutions and Organizations, 2011 - 2015

Awards

Yet İ., L'Oréal Türkiye'nin UNESCO iş birliđiyle verilen Bilim Kadınları İin 2020 ödölü (FWIS 2020), L'Oréal Türkiye'Nin Unesco İş Birliđiyle Verilen Bilim Kadınları İin 2020 Ödölü (Fwıs 2020), September 2020

Non Academic Experience

re-consult