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International Researcher IDs

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Publons / Web Of Science ResearcherID: G-4550-2018

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Education Information

Doctorate, Kocaeli University, Fen Bilimleri Enstitüsü, Biyomedikal Mühendisliği Bölümü, Turkey 2014 - 2020

Postgraduate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Biyomühendislik (YI) (Tezli), Turkey 2009 - 2012

Undergraduate, Istanbul University, Faculty Of Science, Department Of Biology, Turkey 2005 - 2009

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, SEARCH FOR THE NOVEL PROTEIN MARKERS THAT MAY ALLOW EARLY DIAGNOSIS OF BREAST CANCER BY USING COMPARATIVE SEROLOGICAL PROTEOME ANALYSIS OF BREAST CANCER TISSUES, Kocaeli University, Fen Bilimleri Enstitüsü, Biyomedikal Mühendisliği Bölümü, 2020

Postgraduate, Evaluation of the antimicrobial activity of berberine, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Biyomühendislik (YI) (Tezli), 2012

Research Areas

Health Sciences

Academic Titles / Tasks

Research Assistant, Kocaeli University, Teknoloji Fakültesi, Biyomedikal Mühendisliği, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

1. Search for Novel Plasma Membrane Proteins as Potential Biomarkers in Human Mesenchymal Stem Cells Derived from Dental Pulp, Adipose Tissue, Bone Marrow, and Hair Follicle

Akpınar G., Karaosmanoğlu Yöneten K., Kasap M., Karaoz E.

JOURNAL OF MEMBRANE BIOLOGY, vol.254, no.4, pp.409-422, 2021 (SCI-Expanded)

- II. **Proteomic analysis in endometrial cancer and endometrial hyperplasia tissues by 2D-DIGE technique**
Ceylan Y., Akpınar G., Doger E., Kasap M., Guzel N., Karaosmanoglu K., Kopuk S., Yucesoy I.
JOURNAL OF GYNECOLOGY OBSTETRICS AND HUMAN REPRODUCTION, vol.49, no.2, 2020 (SCI-Expanded)
- III. **Comparative Proteomics Analysis of Four Commonly Used Methods for Identification of Novel Plasma Membrane Proteins**
Yoneten K., Kasap M., Akpınar G., Kanli A., Karaoz E.
JOURNAL OF MEMBRANE BIOLOGY, vol.252, no.6, pp.587-608, 2019 (SCI-Expanded)
- IV. **Comparative Proteome Analysis of Breast Cancer Tissues Highlights the Importance of Glycerol-3-phosphate Dehydrogenase 1 and Monoacylglycerol Lipase in Breast Cancer Metabolism**
Yoneten K., Kasap M., Akpınar G., Gunes A., Gurel B., Utkan N. Z.
CANCER GENOMICS & PROTEOMICS, vol.16, no.5, pp.377-397, 2019 (SCI-Expanded)
- V. **Comparative physiological and leaf proteome analysis between drought-tolerant chickpea *Cicer reticulatum* and drought-sensitive chickpea *C. arietinum***
Cevik S., Akpınar G., Yildizli A., Kasap M., Karaosmanoglu K., Unyayar S.
JOURNAL OF BIOSCIENCES, vol.44, no.1, 2019 (SCI-Expanded)
- VI. **Proteomic Analysis of Liver Preservation Solutions Prior to Liver Transplantation**
COSKUN A., BAYKAL A. T., Oztug M., KAZAN D., Kaya E., EMİROĞLU R., YILMAZ S., Dundar H. Z., Akgoz M., BERBER İ., et al.
CURRENT PROTEOMICS, vol.16, no.2, pp.119-135, 2019 (SCI-Expanded)
- VII. **Identification of differentially regulated deceitful proteins in SH-SY5Y cells engineered with Tet-regulated protein expression system**
Kanlı A., Kasap M., Yoneten K., Akpınar G., Gülkaç M. D.
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.119, no.7, pp.6065-6071, 2018 (SCI-Expanded)
- VIII. **Assessment of hazelnut husk as a lignocellulosic feedstock for the production of fermentable sugars and lignocellulolytic enzymes**
PİNAR O., Karaosmanoglu K., SAYAR N. A., KULA C., KAZAN D., Sayar A. A.
3 BIOTECH, vol.7, 2017 (SCI-Expanded)
- IX. **Response of *Escherichia coli* to Prolonged Berberine Exposure**
Gokgoz N. B., Avci F. G., Yoneten K., Alaybeyoglu B., Ozkirimli E., SAYAR N. A., KAZAN D., Akbulut B. S.
MICROBIAL DRUG RESISTANCE, vol.23, no.5, pp.531-544, 2017 (SCI-Expanded)
- X. **Comparative Analysis of Proteome Patterns of *Francisella tularensis* Isolates from Patients and the Environment**
Kasap M., Karadenizli A., Akpınar G., Uzuner H., Ayimugu A., Karaosmanoğlu K., Er D. K.
CURRENT MICROBIOLOGY, vol.74, no.2, pp.230-238, 2017 (SCI-Expanded)
- XI. **Exogenous Expressions of FTO Wild-Type and R316Q Mutant Proteins Caused an Increase in HNRPK Levels in 3T3-L1 Cells as Demonstrated by DIGE Analysis**
Guzel N., KASAP M., KANLI A., AKPINAR G., GÜLKAÇ M. D., Karaosmanoglu K.
BIOMED RESEARCH INTERNATIONAL, 2017 (SCI-Expanded)
- XII. **Proteomic Analysis of Kidney Preservation Solutions Prior to Renal Transplantation**
COSKUN A., BAYKAL A. T., KAZAN D., Akgoz M., Senal M. O., BERBER İ., Titiz I., Bilsel G., Kilercik H., Karaosmanoglu K., et al.
PLOS ONE, vol.11, no.12, 2016 (SCI-Expanded)
- XIII. **Linking a compound-heterozygous Parkin mutant (Q311R and A371T) to Parkinson's disease by using proteomic and molecular approaches**
Ozgul S., Kasap M., Akpınar G., Kanlı A., Guzel N., Karaosmanoglu K., Baykal A. T., Iseri P.
NEUROCHEMISTRY INTERNATIONAL, pp.1-13, 2015 (SCI-Expanded)
- XIV. **Assessment of Berberine as a Multi-target Antimicrobial: A Multi-omics Study for Drug Discovery and Repositioning**
Karaosmanoglu K., SAYAR N. A., Kurnaz I. A., Akbulut B. S.

Articles Published in Other Journals

I. Utilization of bioinformatics tools for understanding proteomics data

KASAP M., AKPINAR G., Karaosmanoğlu Yöneten K., ÇÖL B.

Turkish Journal of Molecular Biology Biotechnology, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Comparative Proteome Analysis Of Breast Cancer Tissues To Investigate Breast Cancer Metabolism

KARAOSMANOĞLU K., KASAP M., AKPINAR G., GÜREL B., UTKAN N. Z.

ASCB/EMBO Meeting, Washington, Kiribati, 7 - 11 December 2019

II. Primary Clues for lymph node metastasis differentiation from breast cancer

BAL M. G., KARAOSMANOĞLU K., ŞİMŞEK T., AKPINAR G., KASAP M., CANTÜRK N. Z.

Proteomics in cell biology and disease mechanisms, England, 28 February - 02 March 2018

III. TISSUE PROTEOME ANALYSIS OF HORMONE RECEPTOR-POSITIVE BREAST CANCER

KARAOSMANOĞLU K., Güneş A., KASAP M., UTKAN N. Z., AKPINAR G., GÜLER S. A.

ASCB EMBO Meeting 2017, Philadelphia, United States Of America, 2 - 06 December 2017

IV. 2D Jel Elektroferez Tabanlı Zenginleştirilmiş Nükleer Proteom Analizi

ABULA A., İŞLEK E. E., BAL M. G., SARIHAN M., KARAOSMANOĞLU K.

2. Ulusal Proteomiks Kongresi, İstanbul, Turkey, 24 - 25 November 2017

V. Investigation of plasma membrane proteins of CHO cells using gel-based mass spectrometric approaches: A comparative proteomic study

KARAOSMANOĞLU K., AKPINAR G., KASAP M.

XV. Ulusal Tıbbi Biyoloji kongresi, Turkey, 26 - 29 October 2017

VI. Comparative Analysis of Nuclear Protein Isolation Methods using 2D-Based Approach

AYİMUGU A., KASAP M., KANLI A., AKPINAR G., KARAOSMANOĞLU K.

VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017, vol.2, pp.140

VII. TISSUE PROTEOME ANALYSIS OF HORMONE RECEPTOR-POSITIVE BREAST CANCER.

Yöneten K., Gunes A., KASAP M., UTKAN N. Z., AKPINAR G., Gurel B., GÜLER S. A.

Annual Joint Meeting of American-Society-for-Cell-Biology/European-Molecular-Biology-Organization (ASCB/EMBO), Pennsylvania, United States Of America, 2 - 06 December 2017, vol.28

VIII. The Expression of Wt And Mutant FTO Fat Mass And Obesity Associated Proteins did not Affect Soluble SH SY5Y Proteome

KANLI A., KASAP M., AKPINAR G., Güzel N., KARAOSMANOĞLU K., GÜLKAÇ M. D.

EUPA 2016, 22 - 25 June 2016

IX. Investigation of Plasma Membrane Proteins of Mesenchymal Stem Cells Using a Specialized Workflow

KARAOSMANOĞLU K., Abula A., AKPINAR G., KANLI A., KASAP M.

EUPA 2016, 22 - 25 June 2016

X. Exogeneous Expressions of FTO Wild Type and R316q Mutant Proteins Caused an Increase in Hnnpk Levels in 3T3 L1 Cells as Demonstrated by DIGE Analysis

Güzel N., KASAP M., KANLI A., KARAOSMANOĞLU K., AKPINAR G., GÜLKAÇ M. D.

EUPA 2016, 22 - 25 June 2016

XI. Paratroit adenoma ve hiperplazinin proteomlarının 2D yaklaşımlar kullanılarak analizi DIGE ve 2D

AKPINAR G., KASAP M., CANTÜRK N. Z., KARAOSMANOĞLU K., Nil G., KANLI A., GÜLER S. A.

XIV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2015

XII. Search for Novel Membrane Proteins by Using Two Dimentional Gel Electrophoresis and MALDI TOF TOF

Supported Projects

AKPINAR G., KARAOSMANOĞLU YÖNETEN K., KASAP M., UTKAN N. Z., BİLGİN M., Project Supported by Higher Education Institutions, PROTEOMİK VE LİPİDOMİK YAKLAŞIMLAR KULLANILARAK MEME KANSERİ ALT TİPLERİNDE LİPİT METABOLİZMASININ ARAŞTIRILMASI, 2019 - 2020

UTKAN N. Z., AKPINAR G., KARAOSMANOĞLU YÖNETEN K., KASAP M., Project Supported by Higher Education Institutions, MEME KANSERİNİN ERKEN TANISINDA KULLANILABİLECEK POTANSİYEL BİYOMARKER MOLEKÜLLERİN ARAŞTIRILMASI: 2-DE VE NLC-MS/MS ÇALIŞMASI, 2018 - 2020

Kanlı A., Utkan N. Z., Kasap M., Akpınar G., TUBITAK Project, Meme kanser dokularında karşılaştırmalı Serolojik Proteom Analizi yaparak meme kanserinin erken tanısında kullanılabilecek potansiyel biyomarker moleküllerin araştırılması, 2017 - 2020

Utkan N. Z., Kasap M., Karaosmanoğlu Yöneten K., Akpınar G., Project Supported by Higher Education Institutions, Meme kanserinin erken tanısında kullanılabilecek potansiyel biyomarker moleküllerin araştırılması: 2-DE ve nLC-MS/MS çalışması, 2018 - 2019

AKPINAR G., KASAP M., KARAOSMANOĞLU YÖNETEN K., Project Supported by Higher Education Institutions, NÖROBLASTOMA HÜCRE HATTINDA PARKİN EKSPRESYONUNUN NÜKLEER PROTEOM ÜZERİNE ETKİSİ: PARKİN PROTEİNİ VE KANSERLEŞME İLİŞKİSİNİN ARAŞTIRILMASI, 2017 - 2018

Kazan D., Pinar O., TUBITAK Project, Production of fermentable sugars from hazelnut husk by enzymatic hydrolysis, 2012 - 2013

Coskun A., Kazan D., TUBITAK Project, Proteomic analysis of liver and kidney preservation solutions prior to transplantation, 2010 - 2012

Metrics

Publication: 27

Citation (WoS): 116

Citation (Scopus): 122

H-Index (WoS): 7

H-Index (Scopus): 7