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International Researcher IDs

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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 İn Pure And Applied Sciences, Biyomühendislik (YI) (Tezli), Turkey 2009 - 2012
Undergraduate, Istanbul University, Faculty Of Science, Depertment 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

- I. 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., Akpinar 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., Akpinar 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., Akpinar 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., Akpinar 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., Akpinar 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**
PINAR 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., Akpinar G., Uzuner H., Ayimugu A., Karaosmanoglu 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., Akpinar G., Kanli 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 Elektroforez 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 Tibbi 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.
Yoneten 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., GÜLKAC 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 Hnrpk Levels in 3T3 L1 Cells as Demonstrated by DIGE Analysis
Güzel N., KASAP M., KANLI A., KARAOSMANOĞLU K., AKPINAR G., GÜLKAC M. D.
EUPA 2016, 22 - 25 June 2016
- XI. Paratroid 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 Tibbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2015
- XII. Search for Novel Membrane Proteins by Using Two Dimensional 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., Akpinar G., TUBITAK Project, Meme kanser dokularında karşılaştırmalı Serolojik Proteom Analizi yaparak meme kanserinin erken tanısında kullanılabilen potansiyel biyomarker moleküllerin araştırılması, 2017 - 2020

Utkan N. Z., Kasap M., Karaosmanoğlu Yöneten K., Akpinar G., Project Supported by Higher Education Institutions, Meme kanserinin erken tanısında kullanılabilen 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