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Personal Information

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Education Information

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Physics, Turkey 1991 - 1997

Foreign Languages

Georgian, B1 Intermediate

German, A1 Beginner

Arabic, A1 Beginner

English, C1 Advanced

Research Areas

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

Academic Titles / Tasks

Lecturer, Abdullah Gul University, Yaşam Ve Doğa Bilimleri Fakültesi, Moleküler Biyoloji Ve Genetik, 2018 - Continues Expert, University Of Wisconsin-Madison, School Of Medicine And Public Health, Cell And Regenerative Biology, 2008 - 2015

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

- I. **Why Do Muse Stem Cells Present an Enduring Stress Capacity? Hints from a Comparative Proteome Analysis**
Acar M. B. , Aprile D., AYAZ GÜNER Ş., GÜNER H., TEZ C., Di Bernardo G., Peluso G., ÖZCAN S., Galderisi U.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.22, no.4, 2021 (Journal Indexed in SCI)
- II. **Obesity induced by high-fat diet is associated with critical changes in biological and molecular functions of mesenchymal stromal cells present in visceral adipose tissue**
Acar M. B. , AYAZ GÜNER Ş., Di Bernardo G., GÜNER H., Murat A., Peluso G., ÖZCAN S., Galderisi U.
AGING-US, vol.12, no.24, pp.24894-24913, 2020 (Journal Indexed in SCI)
- III. **MASH Suite Pro: A Comprehensive Software Tool for Top-Down Proteomics**
Cai W., Guner H., Gregorich Z. R. , Chen A. J. , Ayaz-Guner Ş., Peng Y., Valeja S. G. , Liu X., Ge Y.
MOLECULAR & CELLULAR PROTEOMICS, vol.15, pp.703-714, 2016 (Journal Indexed in SCI)
- IV. **Comprehensive assessment of chamber-specific and transmural heterogeneity in myofilament**

protein phosphorylation by top-down mass spectrometry

GREGORICH Z. R. , Peng Y., Lane N. M. , WOLFF J. J. , Wang S., Guo W., Guner H., Doop J., Hacker T. A. , GE Y.
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- V. **Quantitative proteomics reveals differential regulation of protein expression in recipient myocardium after trilineage cardiovascular cell transplantation**
CHANG Y., YE L., CAI W., Lee Y., Guner H., LEE Y., KAMP T. J. , Zhang J., GE Y.
PROTEOMICS, vol.15, no.15, pp.2560-2567, 2015 (Journal Indexed in SCI)
- VI. **Three Dimensional Liquid Chromatography Coupling Ion Exchange Chromatography/Hydrophobic Interaction Chromatography/Reverse Phase Chromatography for Effective Protein Separation in Top-Down Proteomics**
Valeja S. G. , Xiu L., Gregorich Z. R. , Guner H., Jin S., Ge Y.
ANALYTICAL CHEMISTRY, vol.87, no.10, pp.5363-5371, 2015 (Journal Indexed in SCI)
- VII. **New Mass-Spectrometry-Compatible Degradable Surfactant for Tissue Proteomics**
CHANG Y., GREGORICH Z. R. , CHEN A. J. , Hwang L., Guner H., YU D., Zhang J., GE Y.
JOURNAL OF PROTEOME RESEARCH, vol.14, no.3, pp.1587-1599, 2015 (Journal Indexed in SCI)
- VIII. **Top-down Proteomics Reveals Concerted Reductions in Myofilament and Z-disc Protein Phosphorylation after Acute Myocardial Infarction**
Peng Y., Gregorich Z. R. , Valeja S. G. , Zhang H., Cai W., CHEN Y., Guner H., Chen A. J. , SCHWAHN D. J. , HACKER T. A. , et al.
MOLECULAR & CELLULAR PROTEOMICS, vol.13, no.10, pp.2752-2764, 2014 (Journal Indexed in SCI)
- IX. **MASH Suite: A User-Friendly and Versatile Software Interface for High-Resolution Mass Spectrometry Data Interpretation and Visualization**
Guner H., Close P. L. , CAI W., ZHANG H., PENG Y., GREGORICH Z. R. , GE Y.
JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY, vol.25, no.3, pp.464-470, 2014 (Journal Indexed in SCI)
- X. **Top-Down Quantitative Proteomics Identified Phosphorylation of Cardiac Troponin I as a Candidate Biomarker for Chronic Heart Failure**
ZHANG J., GUY M. J. , NORMAN H. S. , CHEN Y., XU Q., DONG X., Guner H., Wang S., Kohmoto T., YOUNG K. H. , et al.
JOURNAL OF PROTEOME RESEARCH, vol.10, no.9, pp.4054-4065, 2011 (Journal Indexed in SCI)
- XI. **Top-down high-resolution electron capture dissociation mass spectrometry for comprehensive characterization of post-translational modifications in Rhesus monkey cardiac troponin I**
Xu F., Xu Q., Dong X., Guy M., Guner H., Hacker T. A. , Ge Y.
INTERNATIONAL JOURNAL OF MASS SPECTROMETRY, vol.305, pp.95-102, 2011 (Journal Indexed in SCI)

Citations

Total Citations (WOS):448

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