

Asst. Prof. ASUMAN KARAKAŞ

Personal Information

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International Researcher IDs

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Education Information

Doctorate, University of East Anglia, Institute of Food Research, BBSRC, United Kingdom 1996 - 2000
Postgraduate, University of East Anglia, School of Biological Sciences, United Kingdom 1995 - 1996
Undergraduate, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, Biyoloji Bölümü, Turkey 1987 - 1991

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Functional Analysis of NisB in Nisin Biosynthesis, University of East Anglia, Institute Of Food Research, Bbsrc, 2000
Postgraduate, The use of the polymerase chain reaction to detect bacterial genes encoding membrane-bound and periplasmic nitrate reductases, University of East Anglia, School Of Biological Sciences, 1996

Research Areas

Life Sciences, Biochemistry, Biotechnology, Microbiology, Molecular Biology and Genetics, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Bursa Uludağ University, YENİŞEHİR İBRAHİM ORHAN MYO, Gıda İşleme Bölümü, 2003 - Continues
Assistant Professor, Celâl Bayar Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2002 - 2003
Lecturer PhD, Celâl Bayar Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2001 - 2002
Research Assistant, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, BİYOLOJİ, 1992 - 1994

Academic and Administrative Experience

Bursa Uludağ University, Yenişehir İbrahim Orhan Meslek Yüksekokulu, 2015 - Continues
Bursa Uludağ University, Yenişehir İbrahim Orhan Meslek Yüksekokulu, 2010 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. ISOLATION, IDENTIFICATION AND TECHNOLOGICAL PROPERTIES OF LACTIC ACID BACTERIA FROM RAW COW MILK
Karakas-Sen A., KARAKAŞ E.
BIOSCIENCE JOURNAL, vol.34, no.2, pp.985-999, 2018 (SCI-Expanded)
- II. Cloning and Overexpression of the als, pflA, and adhB Genes in *Streptococcus thermophilus* and Their Effects on Metabolite Formation
AKYOL İ., Ozcelik F. G., Karakas-Sen A., ÖZKÖSE E., GEZGİNÇ Y., EKİNCİ M. S.
MOLECULAR BIOTECHNOLOGY, vol.57, no.10, pp.923-930, 2015 (SCI-Expanded)
- III. Heterologous expression and purification of the dehydratase NisB involved in the biosynthesis of lantibiotic nisin
Karakas-Sen A., Ridout M. J., Narbad A.
ANNALS OF MICROBIOLOGY, vol.62, no.3, pp.1099-1107, 2012 (SCI-Expanded)
- IV. HETEROLOGOUS EXPRESSION AND PURIFICATION OF NisA, THE PRECURSOR PEPTIDE OF LANTIBIOTIC Nisin FROM *LACTOCOCCUS LACTIS*
Karakas-Sen A., Narbad A.
ACTA BIOLOGICA HUNGARICA, vol.63, no.2, pp.301-310, 2012 (SCI-Expanded)
- V. Expression of dar Gene in Lactic Acid Bacteria and Effect on Metabolite Formation in Feta-Type Cheese Quality
Karakas-Sen A., AKYOL İ.
FOOD BIOTECHNOLOGY, vol.26, no.1, pp.45-57, 2012 (SCI-Expanded)
- VI. Genotoxic Effect of Epirubicin in Mouse Bone Marrow in vivo
Sen A., KARAKAŞ E., Bilaloglu R.
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.65, pp.211-217, 2010 (SCI-Expanded)
- VII. Regulation of the acid inducible rcfB promoter in *Lactococcus lactis* subsp *lactis*
AKYOL İ., ÇÖMLEKÇİOĞLU U., KARAKAŞ A., Serdaroglu K., EKİNCİ M. S., ÖZKÖSE E.
ANNALS OF MICROBIOLOGY, vol.58, no.2, pp.269-273, 2008 (SCI-Expanded)
- VIII. Detection of genes for membrane-bound nitrate reductase in nitrate-respiring bacteria and in community DNA
Gregory L., Karakas-Sen A., Richardson D., Spiro S.
FEMS MICROBIOLOGY LETTERS, vol.183, no.2, pp.275-279, 2000 (SCI-Expanded)
- IX. Detection of genes for periplasmic nitrate reductase in nitrate respiring bacteria and in community DNA
Flanagan D., Gregory L., Carter J., Karakas-Sen A., Richardson D., Spiro S.
FEMS MICROBIOLOGY LETTERS, vol.177, no.2, pp.263-270, 1999 (SCI-Expanded)
- X. Post-translational modification of nisin - The involvement of NisB in the dehydration process
Sen A., Narbad A., Horn N., Dodd H., Parr A., Colquhoun I., Gasson M.
EUROPEAN JOURNAL OF BIOCHEMISTRY, vol.261, no.2, pp.524-532, 1999 (SCI-Expanded)

Metrics

Publication: 10

Citation (WoS): 221

Citation (Scopus): 218

H-Index (WoS): 5

H-Index (Scopus): 6

Scholarships

Yurtdışı (İngiltere) Yüksek Lisans ve Doktora Bursu, Ministry of Education, 1994 - 2000

Awards

Narbad A., Karakas-Sen A., Horn N., Dodd H. M., Gasson M. J., Poster birincilik ödülü, Third International Lantibiotics Conference, April 1998

KarakAŞ (Şen) A., 1990-1991 öğretim yılında Uludağ Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümünden birincilik derecesi ile mezuniyet, Uludağ Üniversitesi Rektörlüğü, June 1991