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Kişisel Bilgiler

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Araştırma Alanları

Teknik Bilimler, Gıda Mühendisliği, Gıda Teknolojisi, Gıda Biyoteknolojisi

Akademik Unvanlar / Görevler

Prof.Dr., İstanbul Teknik Üniversitesi, Kimya-Metalurji, Gıda Mühendisliği, 2017 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Inhibition effect of belzalkonium chloride treatment on growth of common food contaminating fungal species
Basaran P.
Journal of Food Science and Technology, cilt.48, sa.4, ss.515-519, 2011 (SCI-Expanded)
- II. Fruit quality attributes of blackberry (*Rubus sanctus*) mutants obtained by 60Co gamma irradiation
Basaran P., Kepenek K.
Biotechnology and Bioprocess Engineering, cilt.16, sa.3, ss.587-592, 2011 (SCI-Expanded)
- III. Antifungal effect of acids and surface active compounds for post-harvest control of *Aspergillus parasiticus* growth on hazelnut
Basaran P.
Journal of Food Processing and Preservation, cilt.35, sa.2, ss.236-246, 2011 (SCI-Expanded)
- IV. Spectroscopic detection of pharmaceutical compounds from an aflatoxigenic strain of *Aspergillus parasiticus*
Basaran P., Demirbas R.
Microbiological Research, cilt.165, sa.6, ss.516-522, 2010 (SCI-Expanded)
- V. Dielectric properties of chicken and fish muscle treated with microbial transglutaminase
Basaran P., Basaran-Akgul N., Rasco B.
Food Chemistry, cilt.120, sa.2, ss.361-370, 2010 (SCI-Expanded)
- VI. High pressure processing inactivation of *Listeria innocua* in minced trout (*Oncorhynchus mykiss*)
Basaran-Akgul N., Mousavi-Hesary M., Basaran P., Shin J., Swanson B., Rasco B.
Journal of Food Processing and Preservation, cilt.34, sa.SUPPL. 1, ss.191-206, 2010 (SCI-Expanded)
- VII. Microwave irradiation of hazelnuts for the control of aflatoxin producing *Aspergillus parasiticus*
Basaran P., Akhan Ü.

- Innovative Food Science and Emerging Technologies, cilt.11, sa.1, ss.113-117, 2010 (SCI-Expanded)
- VIII. **Reduction of Aspergillus parasiticus on hazelnut surface by UV-C treatment**
Basaran P.
International Journal of Food Science and Technology, cilt.44, sa.9, ss.1857-1863, 2009 (SCI-Expanded)
- IX. **Occurrence of aflatoxins in various nuts commercialized in Turkey**
Basaran P., Ozcan M.
Journal of Food Safety, cilt.29, sa.1, ss.95-105, 2009 (SCI-Expanded)
- X. **Inactivation of different strains of Escherichia coli O157:H7 in various apple ciders treated with dimethyl dicarbonate (DMDC) and sulfur dioxide (SO₂) as an alternative method**
Basaran-Akgul N., Churey J., Basaran P., Worobo R.
Food Microbiology, cilt.26, sa.1, ss.8-15, 2009 (SCI-Expanded)
- XI. **Plant molecular farming: Opportunities and challenges**
Basaran P., Rodriguez-Cerezo E.
Critical Reviews in Biotechnology, cilt.28, sa.3, ss.153-172, 2008 (SCI-Expanded)
- XII. **Effect of temperature (-5 to 130°C) and fiber direction on the dielectric properties of beef Semitendinosus at radio frequency and microwave frequencies**
Basaran-Akgul N., Basaran P., Rasco B.
Journal of Food Science, cilt.73, sa.6, 2008 (SCI-Expanded)
- XIII. **Decontamination of grains and legumes infected with Aspergillus spp. and Penicillium spp. by cold plasma treatment**
Selcuk M., ÖKSÜZ L., Basaran P.
Bioresource Technology, cilt.99, sa.11, ss.5104-5109, 2008 (SCI-Expanded)
- XIV. **Elimination of Aspergillus parasiticus from nut surface with low pressure cold plasma (LPCP) treatment**
Basaran P., Basaran-Akgul N., ÖKSÜZ L.
Food Microbiology, cilt.25, sa.4, ss.626-632, 2008 (SCI-Expanded)
- XV. **An assessment of emerging molecular farming activities based on patent analysis (2002-2006)**
Basaran P., Rodriguez-Cerezo E.
Biotechnology and Bioprocess Engineering, cilt.13, sa.3, ss.304-312, 2008 (SCI-Expanded)
- XVI. **Characterization of β-xylosidase enzyme from a Pichia stipitis mutant**
Basaran P., Ozcan M.
Bioresource Technology, cilt.99, sa.1, ss.38-43, 2008 (SCI-Expanded)
- XVII. **Elucidation of pectinolytic enzyme activities of a non-pathogenic watermelon pathogen mutant, Fusarium oxysporum f.sp. niveum M87**
Basaran P., ÖZCAN M., Denisov Y., Freeman S.
Australasian Plant Pathology, cilt.36, sa.2, ss.135-141, 2007 (SCI-Expanded)
- XVIII. **Contemporary approaches into obesity: Drugs and genes**
Basaran P., Basaran N., Altuntas I., Tamer M. N.
Critical Reviews in Food Science and Nutrition, cilt.44, sa.6, ss.419-424, 2004 (SCI-Expanded)
- XIX. **Therapeutic properties of herbs and spices used in cereal technology**
Basaran P., Espino N., Basaran N.
Cereal Foods World, cilt.47, sa.5, ss.175-177, 2002 (SCI-Expanded)
- XX. **Molecular differentiation of Lactococcus lactis subspecies lactis and cremoris strains by ribotyping and site specific-PCR**
Basaran P., Basaran N., Cakir I.
Current Microbiology, cilt.42, sa.1, ss.45-48, 2001 (SCI-Expanded)
- XXI. **Cloning and heterologous expression of xylanase from Pichia stipitis in Escherichia coli**
Basaran P., Hang Y., Basaran N., Worobo R.
Journal of Applied Microbiology, cilt.90, sa.2, ss.248-255, 2001 (SCI-Expanded)
- XXII. **Mutations that affect Agrobacterium vitis-induced grape necrosis also alter its ability to cause a hypersensitive response on tobacco**

- Herlache T., Zhang H., Ried C., Carle S., Zheng D., Basaran P., Thaker M., Burr A., Burr T.
Phytopathology, cilt.91, sa.10, ss.966-972, 2001 (SCI-Expanded)
- XXIII. Isolation and characterization of *Pichia stipitis* mutants with enhanced xylanase activity
Basaran P., Basaran N., Hang Y.
World Journal of Microbiology and Biotechnology, cilt.16, sa.6, ss.545-550, 2000 (SCI-Expanded)
- XXIV. Dissolution of xylose metabolism in *Lactococcus lactis*
Erlandson K., Park J., El Khal W., Kao H., Basaran P., Brydges S., Batt C.
Applied and Environmental Microbiology, cilt.66, sa.9, ss.3974-3980, 2000 (SCI-Expanded)
- XXV. Purification and characterization of acetyl esterase from *Candida guilliermondii*
Basaran P., Hang Y.
Letters in Applied Microbiology, cilt.30, sa.2, ss.167-171, 2000 (SCI-Expanded)
- XXVI. Traditional Foods of the Middle East
Basaran P.
Food Technology, cilt.53, sa.6, ss.60-66, 1999 (SCI-Expanded)

Kitap & Kitap Bölümleri

- I. Non-Thermal Processing Technologies for the Fruit and Vegetable Industry
Başaran Akocak P.
CRC Press, Arizona, 2022
- II. Kepenek K ve Basaran P The Application of Molecular Markers in Plant Biotechnology for Crop Improvement Biotechnology Application in Crops ed Ramdane Dris Science Publisher 2006
BAŞARAN AKOCAK P.
SCIENCE PUBLISHER, 2006

Metrikler

Yayın: 44
Atıf (Scopus): 946
H-İndeks (Scopus): 14

Akademi Dışı Deneyim

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