

Dr. CEYDA KASAVI

Kişisel Bilgiler

İş Telefonu: [+90 216 777 3566](tel:+902167773566)

E-posta: ceyda.kasavi@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/ceyda.kasavi>

Biyografi

Ceyda Kasavi received her Ph.D. degree in Chemical Engineering from Boğaziçi University in 2013 and she is currently working as an Assistant Professor at the Bioengineering Department of Marmara University (Istanbul, Turkey). Her research activities have been focused on systems biology. She has an experience on the development of biological production processes by yeast and extremophiles, the reconstruction and analysis of biological networks to understand the mechanisms behind the cellular processes, and the integration and analysis of different omics data.

Eğitim Bilgileri

Doktora, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Türkiye 2007 - 2013

Yüksek Lisans, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Türkiye 2003 - 2006

Lisans, İstanbul Teknik Üniversitesi, Kimya-Metalurji, Kimya Mühendisliği, Türkiye 1998 - 2003

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, A System Based Rational Approach to Improve First and Second Generation Bioethanol Production by *Saccharomyces cerevisiae*, Boğaziçi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2013

Yüksek Lisans, Kovalent Bağlanma ve Fiziksel Adsorpsiyon Metotları ile Proteaz Enziminin İmmobilizasyonu, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2006

Araştırma Alanları

Yaşam Bilimleri, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Marmara Üniversitesi, Mühendislik Fakültesi, Biyomühendislik Bölümü, 2019 - Devam Ediyor

Verdiği Dersler

Biostatistics, Lisans, 2018 - 2019

Bioengineering Principles, Lisans, 2019 - 2020

Modern Techniques in Biochemical Engineering , Lisans, 2017 - 2018, 2018 - 2019

Biomass and Biorefineries, Lisans, 2017 - 2018

Bioconversion of Lignocellulosics, Lisans, 2016 - 2017, 2017 - 2018

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **Process development for the continuous production of heterologous proteins by the industrial yeast, *Komagataella phaffii***
Cankorur-Cetinkaya A., Narraidoo N., Kasavi C., Slater N. K. H. , Archer D. B. , Oliver S. G.
BIOTECHNOLOGY AND BIOENGINEERING, cilt.115, ss.2962-2973, 2018 (SCI İndekslerine Giren Dergi)
- ***Halomonas smyrnensis* as a cell factory for co-production of PHB and levan**
Tohme S., HACIOSMANOĞLU G. G. , EROĞLU M. S. , Kasavi C., GENÇ S., CAN Z. S. , Oner E. T.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.118, ss.1238-1246, 2018 (SCI İndekslerine Giren Dergi)
- **An integrative analysis of transcriptomic response of ethanol tolerant strains to ethanol in *Saccharomyces cerevisiae***
Kasavi C., Eraslan S., Oner E. T. , Kirdar B.
MOLECULAR BIOSYSTEMS, cilt.12, ss.464-476, 2016 (SCI İndekslerine Giren Dergi)
- **The global transcriptional response of a raw starch-degrading amyolytic *Saccharomyces cerevisiae* strain to oxygen limitation and genetic modification**
Kasavi C., Eraslan S., TOKSOY ÖNER E., KIRDAR B.
TURKISH JOURNAL OF BIOLOGY, cilt.40, ss.684-723, 2016 (SCI İndekslerine Giren Dergi)
- **A system based network approach to ethanol tolerance in *Saccharomyces cerevisiae***
Kasavi C., Eraslan S., ARĞA K. Y. , Oner E. T. , KIRDAR B.
BMC SYSTEMS BIOLOGY, cilt.8, 2014 (SCI İndekslerine Giren Dergi)
- **Evaluation of industrial *Saccharomyces cerevisiae* strains for ethanol production from biomass**
Kasavi C., Finore I., Lama L., Nicolaus B., Oliver S. G. , Oner E. T. , KIRDAR B.
BIOMASS & BIOENERGY, cilt.45, ss.230-238, 2012 (SCI İndekslerine Giren Dergi)
- **Purification, biochemical characterization and gene sequencing of a thermostable raw starch digesting alpha-amylase from *Geobacillus thermoleovorans* subsp *stromboliensis* subsp nov.**
Finore I., Kasavi C., Poli A., Romano I., Oner E. T. , KIRDAR B., Dipasquale L., Nicolaus B., Lama L.
WORLD JOURNAL OF MICROBIOLOGY & BIOTECHNOLOGY, cilt.27, ss.2425-2433, 2011 (SCI İndekslerine Giren Dergi)

Kitap & Kitap Bölümleri

- **Bioprocessing for Biomolecules Production**
Selvi S. S. , Eminagic E., Kandur M. Y. , Ozcan E., Kasavi C., Toksoy Öner E.
Research and Production of Microbial Polymers for Food Industry, Gustavo Molina,Vijai Gupta,Brahma Singh,Nicholas Gathergood, Editör, John Wiley & Sons, West Sussex, UK , New-Jersey, ss.211-238, 2019

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- **A systems based approach to understand transcriptional differences of amyolytic *saccharomyces cerevisiae* strains developed for bioethanol production**
Kasavi C., Oner E. T. , Kirdar B.
22nd IUBMB Congress/37th FEBS Congress, Sevilla, İspanya, 4 - 09 Eylül 2012, cilt.279, ss.521-522

Atrflar

Toplam Atf Sayısı (WOS):73

h-indeksi (WOS):4