

Dr. CEYDA KASAVI

Personal Information

Office Phone: [+90 216 777 3566](tel:+902167773566)

Email: ceyda.kasavi@marmara.edu.tr

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

Biography

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.

Education Information

Doctorate, Bogazici University, Institute Of Science, Kimya Mühendisliği, Turkey 2007 - 2013

Post Graduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2003 - 2006

Under Graduate, Istanbul Technical University, Kimya-Metalurji, Kimya Mühendisliği, Turkey 1998 - 2003

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, A System Based Rational Approach to Improve First and Second Generation Bioethanol Production by *Saccharomyces cerevisiae*, Bogazici University, Institute Of Science, Kimya Mühendisliği, 2013

Post Graduate, Kovalent Bağlanma ve Fiziksel Adsorpsiyon Metotları ile Proteaz Enziminin İmmobilizasyonu, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2006

Research Areas

Life Sciences, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty of Engineering, Bioengineering, 2019 - Continues

Courses

Biostatistics, Under Graduate, 2018 - 2019

Bioengineering Principles, Under Graduate, 2019 - 2020

Modern Techniques in Biochemical Engineering , Under Graduate, 2017 - 2018, 2018 - 2019

Biomass and Biorefineries, Under Graduate, 2017 - 2018

Bioconversion of Lignocellulosics, Under Graduate, 2016 - 2017, 2017 - 2018

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

- **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, vol.115, pp.2962-2973, 2018 (Journal Indexed in SCI)
- ***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, vol.118, pp.1238-1246, 2018 (Journal Indexed in SCI)
- **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, vol.12, pp.464-476, 2016 (Journal Indexed in SCI)
- **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, vol.40, pp.684-723, 2016 (Journal Indexed in SCI)
- **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, vol.8, 2014 (Journal Indexed in SCI)
- **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, vol.45, pp.230-238, 2012 (Journal Indexed in SCI)
- **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, vol.27, pp.2425-2433, 2011 (Journal Indexed in SCI)

Book & Book Chapters

- **in: 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, Editor, John Wiley & Sons, West Sussex, UK , New-Jersey, pp.211-238, 2019

Refereed Congress / Symposium Publications in Proceedings

- **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, Spain, 4 - 09 Eylül 2012, vol.279, pp.521-522

Citations

Total Citations (WOS):73

h-index (WOS):4