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International Researcher IDs

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Education Information

Postgraduate, Bogazici University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2010 - 2013

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2007 - 2009

Foreign Languages

English, C1 Advanced

Research Areas

Biomedical Engineering, Metabolic Engineering

Academic Titles / Tasks

Research Assistant, Gebze Technical University, Mühendislik Fakültesi, Biyomühendislik, 2011 - 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Genome-Scale Metabolic Modeling for Unraveling Molecular Mechanisms of High Threat Pathogens**
Sertbas M., Ülgen K. O.
FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY, vol.8, 2020 (SCI-Expanded)
- II. **Unlocking human brain metabolism by genome-scale and multiomics metabolic models: Relevance for neurology research, health, and disease**
Sertbas M., Ülgen K. O.
OMICS A Journal of Integrative Biology, vol.22, no.7, pp.455-467, 2018 (SCI-Expanded)
- III. **Systematic analysis of transcription-level effects of neurodegenerative diseases on human brain metabolism by a newly reconstructed brain-specific metabolic network**
Sertbaş M., Ülgen K., Çakır T.
FEBS Open Bio, vol.4, pp.542-553, 2014 (SCI-Expanded)

Metrics

Publication: 3

Citation (Scopus): 67

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