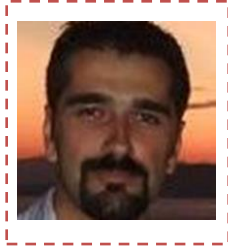


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Research Interest

Biopolymer production and modification

Bioprocess optimization

Development of separation and purification methods

Biography

BA: Ege University, Bioengineering Dept., 2005

MS: Ege University, Bioengineering Dept., 2007

DEng.: Kumamoto University, New Frontier Sciences, 2010

Paper1

Ali Özhan Aytekin*, Deniz Dilan Demirbağ, Tuğçe Bayrakdar (2016) The statistical optimization of bacterial cellulose production via semi-continuous operation mode, Journal of Industrial and Engineering Chemistry, Vol. 37, pp. 243-250. DOI:10.1016/j.jiec.2016.03.030

Patent1

Manufacture of porous crosslinked polymer particles useful for applications such as protein liquid chromatographic separation. Patent No: JP 2013088398; Patent Application No: JP 2011-231919. Inventors: Adachi, Tadashi; Takayanagi, Hiroaki; Aytekin, Ali Ozhan. Assigned By: Mitsubishi Chemical Corp., Japan

Courses

Fall: GBE 415, GBE 451, FDE 463

Spring: FDE 464, BTEC 639

Website*

<http://bioprocess.yeditepe.edu.tr/>