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Authors: Ioan Calinescu, Alexandru Vlaicu, Petre Chipurici,  
Daniel Ighigeanu, Vasile Lavric

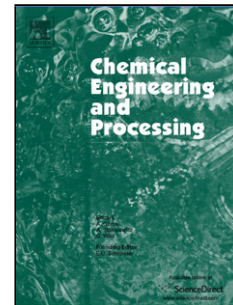
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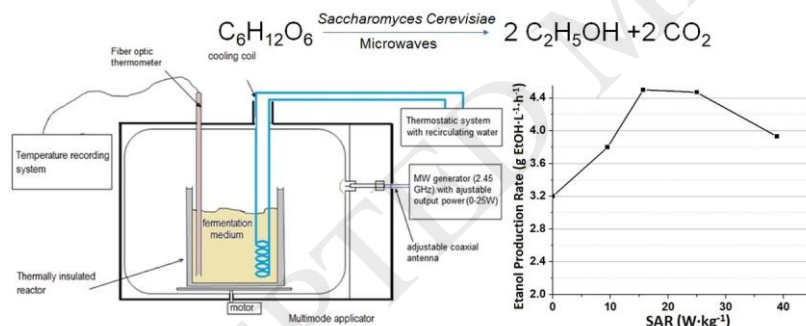
## ALCOHOLIC FERMENTATION IN THE PRESENCE OF MICROWAVES

Ioan Calinescu<sup>a</sup>, Alexandru Vlaicu<sup>a\*</sup>, Petre Chipurici<sup>a</sup>, Daniel Ighigeanu<sup>b</sup>, Vasile Lavric<sup>a</sup><sup>a</sup>Faculty of Applied Chemistry and Material Science, University "Politehnica" of Bucharest, 1-7, Gh. Polizu, Bucharest, 011061, Romania<sup>b</sup>National Institute for Lasers, Plasma and Radiation Physics, 409 Atomistilor, Magurele, 077125, Romania\*Corresponding author: e-mail address: [alexvlaicu16@yahoo.co.uk](mailto:alexvlaicu16@yahoo.co.uk)

Phone: 0040728160491 (A. Vlaicu)

e-mail addresses: [ioan.calinescu@upb.ro](mailto:ioan.calinescu@upb.ro) (I. Calinescu); [petre.chipurici@gmail.com](mailto:petre.chipurici@gmail.com) (P. Chipurici); [daniel.ighigeanu@inflpr.ro](mailto:daniel.ighigeanu@inflpr.ro) (D. Ighigeanu); [V\\_Lavric@upb.ro](mailto:V_Lavric@upb.ro) (V. Lavric)

## Graphical abstract



## Highlights

- An installation was set up for glucose fermentation to ethanol, microwave assisted.
- **Optimum microwave irradiation conditions were determined.**
- **Microwaves increase fermentation rate** without affecting cells viability.

## Abstract

Bioethanol is the world's leader biofuel and it is produced by fermentation from glucose feedstocks. The fermentation rate is quite low and any method of increasing the reaction rate is

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