

İLKAY ŞENSOY

Assistant Professor
Middle East Technical University
Department of Food Engineering
Universiteler Mahallesi
Dumlupinar Bulvari, No:1
06800 Ankara
TURKEY
Phone: 90 (312) 210 5647
Mobile: 90 (533) 748 3033
Fax: 90 (312) 210 2767
E-mail: isensoy@metu.edu.tr

EXPERIENCE

Assist. Prof. Dr., Middle East Technical University, Ankara, TURKEY.	2009-Present
Instructor, Middle East Technical University, Ankara, TURKEY.	2007-2009
Post Doctoral Associate, Rutgers University, NJ, USA.	2002-2004

EDUCATION

Ph.D., Food, Agricultural and Biological Engineering The Ohio State University, Columbus, OH, USA.	2002
M.S., Food Science and Technology The Ohio State University, Columbus, OH, USA.	1996
B.S., Food Engineering Middle East Technical University, Ankara, TURKEY.	1992

PUBLICATIONS

Articles

Sensoy, I., Sahin, S., Sumnu, G. Microwave Frying Compared with Conventional Frying via Numerical Simulation. Food Bioprocess Technology. Accepted: DOI 10.1007/s11947-012-0805-x

Sensoy, I. A review on the relationship between food structure, processing and bioavailability. Critical Reviews in Food Science and Nutrition. Accepted Manuscript ID: 619016. 2014, 54 (6):

Sensoy, I., Rosen, R.T., Ho, C-T and Karwe, M.V. Effect of Processing on Buckwheat Phenolics and Antioxidant Activity. Food Chemistry. 2006, 99 (2): 388-393.

Sensoy, I. and Sastry, S.K. Ohmic Blanching of Mushrooms. *Journal of Food Process Engineering*. 2004, 27 (1): 1-15.

Sensoy, I. and Sastry, S.K. Extraction Using Moderate Electric Fields. *Journal of Food Science*. 2004, 69 (1): FEP 7-13.

Sensoy, I., Zhang, Q. H. and Sastry, S. K. Inactivation Kinetics of *Salmonella dublin* by Pulsed Electric Field. *Journal of Food Process Engineering*. 1997, 20: 367-381.

Book Chapters

Sensoy, I. Design of Ohmic Heating Processes. In *Handbook of Food Process Design*. Edited by M. S. Rahman and J. Ahmed. Blackwell Publishing Limited, Oxford, UK. 2012, 829-846.

Sastry, S.K., Yousef, A., Cho, H-Y., Unal, R., Salengke, S., Wang, W-C., Lima, M., Kulshrestha, S., Wongsangasri, P., Sensoy, I. Ohmic Heating and Moderate Electric Field (MEF) Processing. In: *Engineering and Food for the 21st Century*. Edited by Jorge Welti-Chanes, Gustavo V. Barbosa-Cánovas, José Miguel Aguilera, CRC Press LLC. Boca Raton, Florida, USA. 2002.