

**Scientific
Activity**

➤ **Didactic Books**

1. **Gîtin Liliana**, 2008, *Minimal Processing*, course for distance learning, Food Engineering Programne, The University Dunarea de Jos of Galați, 70 pages.
2. Alexandru, R., **Gîtin, L.**, 2003, *Transfer phenomena. Tables. Diagrams. Nomograms*, The Dunărea de Jos University Publishing House Galați, 77 pages.
3. Alexandru, R., Turtoi, Ghe., **Gîtin, L.**, Turtoi, M., 2002, *Transfer phenomenon – textbook for IDD specialization*, The Dunărea de Jos University of Galați, 198 pages.
4. Alexandru, R., Hopulele L., Covrig, M., **Gîtin, L.**, 2001, *Transfer phenomenon. Global transfer of heat– Collection of problems*, The Dunărea de Jos University of Galați, 123 pages.
5. Alexandru, R., **Gîtin, L.**, 2001, *Unitary operations. Laboratory works for the TCAPT specialization*, The Dunărea de Jos University of Galați, 131 pages.

➤ **Published papers**

1. Elisabeta Botez, **Liliana Gîtin**, Doina Georgeta Andronoiu, Gabriel Danut Mocanu, 2008, *Fresh dairy, appetizer type: sensorial and rheological aspects*, Journal Scientific Study & Research – Chemistry & Chemical Engineering, Biotechnology, Food Industry, vol. IX, no.2, 207 – 212 (<http://pubs.ub.ro/?pg=revues&rev=csc6&num=200809&vol=2>)
2. Botez Elisabeta, **Gîtin Liliana**, Andronoiu Doina Georgeta, Mocanu Dănuț Gabriel, Ștefănescu Alina, 2008, *Research on production and description of fresh dairy, appetizer type*, Journal of Agroalimentary Processes and Technologies, 14, ISSN 1453-1399, 166-172
3. **Liliana Gîtin**, Traian Hopulele, 2007, *Anova analysis upon the influence of hydrogen peroxide used in sunflower oil epoxidation*, The Ștefan cel Mare University, Annals of the Suceava University – Food Engineering, Year VI, vol I, 113 – 118, ISSN 1842 – 459
4. **Gîtin L.**, Habulin, M., Knez, Ž., Hopulele, T., 2006, *Thermodynamic parameters for the enzymatic epoxidation of sunflower oil at atmospheric pressure with enzyme incubated at 20 MPa in SC CO₂*, Roumanian Biotechnological Letters – An International Journal, 11(6), 3015-3020, ISSN: 1224-5984 (Publisher: Ars Docendi, CODEN: RBLEFU ISSN: 1224-5984. Journal written in English. AN 2007:42224 CAPLUS (Copyright (C) 2007 ACS on SciFinder (R))
5. **Gîtin L.**, Habulin, M., Knez, Ž., Hopulele, T., 2006, *Approximation of the thermodynamic parameters for the sunflower seed oil epoxidation reaction with enzyme treated under*

- atmospheric pressure*, Roumanian Biotechnological Letters, 11(6), 3021-3026, ISSN: 1224-5984. (Publisher: Ars Docendi, CODEN: RBLEFU . Journal written in English. AN 2007:42225 CAPLUS (Copyright (C) 2007 ACS on SciFinder (R))
6. **Gîtin L.**, Habulin, M., Knez, Ž., Hopulele, T., 2006, *Studies concerning lipase stability in batch-stirred-tank reactor under supercritical conditions*, Roumanian Biotechnological Letters, 11(2), 2669-2674, ISSN: 1224-5984 (Publisher: Ars Docendi, CODEN: RBLEFU Journal written in English. CAN 145:354802 AN 2006:482753 CAPLUS (Copyright (C) 2007 ACS on SciFinder (R))
 7. **Gîtin, L.**, Habulin, M., Knez, Ž., Hopulele, T., 2006, *Some parameters optimization for enzymatic epoxidation reaction of sunflower seed oil at atmospheric pressure and 40°C*, The Annals of the University Dunărea de Jos of Galați, Fascicle VI, Food Technology , 28 – 32, cod CNCSIS 98, ISSN 1221 - 4574
 8. Botez, E., **Gîtin, L.**, 2006, *Caracterisation rheologique du yaourt fluide*, Le Quatrieme Colloque Franco-Roumain de Chimie Appliquee, Clermont-Ferrand, France, 28 iunie-2 iulie 2006, Franța
 9. **Gîtin L.**, Habulin, M., Knez, Ž., 2005, *Optimization of temperature and the amount of the enzyme in the chemo-enzymatic epoxidation of sunflower oil*, The Annals of the University Dunarea de Jos of Galati, Fascicle VI: Food Technology, 23(2), 1-4. ISSN 1221-4574. (Publisher: University Dunarea de Jos of Galati, Faculty of Food Science and Engineering, CODEN: AUDJCG Journal written in English. AN 2007:97345 CAPLUS (Copyright (C) 2007 ACS on SciFinder (R))
 10. Botez, E., **Gîtin, L.**, Simițaru, I., 2005, *Rheological Characterization of the fluid yogurt*, Conferința Internațională “State- of- art and problems of agricultural science and education”, 60th Anniversary of the Agricultural University, in Jubilee Proceedings (CD), Scientific works, vol. I, book 2, pag. 329-334 – apare ca abstract în Journal of Central European Agricultural, vol. 7, no.1, 163, session II
 11. Botez, E., **Gîtin L.**, 2005, *Researches concerning unconventional techniques for drying process applicable to some fruits and vegetables*, Conferința Internațională “State- of- art and problems of agricultural science and education”, 60th Anniversary of the Agricultural University, în Jubilee Proceedings (CD), Scientific works, vol. I, book 2, pag. 329-334
 12. Alexandru, R., Iordăchescu, G., **Gîtin, L.**, 2001, *Researches concerning the influence of the Food Texture and Microstructure on Sensoril Perception*, The Annals of University „Dunărea de Jos” Galați, Fascicle VI, Food Technology, 41 – 46, cod CNCSIS 98, ISSN 1221 – 4574
 13. Alexandru, R., **Gîtin, L.**, 1999, *Bringing up to date in the field of measures*, BIIL, no.14, 87 – 96, code CNCSIS 310

➤ Posters

1. **Liliana Gîtin**, Aida Mihaela Vasile, 2009, *The influence of minimal processing on the microbiological and nutritional quality of leafy vegetables*, Poster presented on the International Workshop on Environment – Nutrition – Health Relationship in the frame of EU Policy, 16 – 17 January Galati, Romania
2. Doina Georgeta Andronoiu, **Liliana Gîtin**, Elisabeta Botez, Daniel Gabriel Mocanu, 2009, *Researches concerning the production and characterization of a dessert based on fresh cheese and peach pulp*, Poster presented on the International Workshop on Environment – Nutrition – Health Relationship in the frame of EU Policy, 16 – 17 January Galati, Romania
3. Daniel Gabriel Mocanu, **Liliana Gîtin**, Elisabeta Botez, Doian Georgeta Andronoiu, 2009, *Research concerning the production of a fermented dairy drink with added carrot juice*, Poster presented on the International Workshop on Environment – Nutrition – Health Relationship in the frame of EU Policy, 16 – 17 January Galati, Romania
4. Botez, E., **Gîtin, L.**, 2006, *Caracterisation rheologique du yaourt fluide*, Le Quatrieme Colloque Franco-Roumain de Chimie Appliquee, Clermont-Ferrand, France, 28 iunie-2 iulie 2006, France
5. Botez, E., **Gîtin, L.**, 2004, *Analisis of some factors involved in yoghurt obtaining process*, The 33rd International Session of Scientific Communications of the Faculty of Animal Science Bucharest, 24-26 noiembrie 2004, Facultatea de Zootehnie, Universitatea de Stiinte Agronomice si Medicina Veterinara, București
6. Alexandru, R., Zara, M., **Gîtin, L.**, Vasile, A., 2004, *Accumulation d'entropie par le processus – une evaluation des technologies conventionnelles*, Le III eme Colloque franco-roumain de chimie appliquee – COFROCA 2004, Actes de III eme Colloque COFROCA, septembrie Bacau, Romania, pag.190-193
7. Alexandru, R., **Gîtin, L.**, Kiriță, D.G., 2003, *Deontological implications for future specialists in food quality and science*, International Symposium „Euro-aliment 2003”, 23 – 25 octobre, Galați
8. Alexandru, R., Iordăchescu, G., Botez, E., **Gîtin, L.**, 2003, *Researches concerning the rheological behavior of puddings*, International Symposium „Euro-aliment 2003”, 23 – 25 octobre 2003, Galați
9. Botez, E., **Gîtin, L.**, 2003, *The effect of milk composition upon quality and stability of yoghurts*, International Symposium „Euro-aliment 2003”, 23 – 25 octobre 2003, Galați
10. Botez, E., **Gîtin, L.**, 2003, *Study of rheological properties of yoghurt*, International Symposium „Euro-aliment 2003”, 23 – 25 octobre 2003, Galați
11. Rotaru, G., Alexandru, R., **Gîtin, L.**, 2003, *Towards a Bioethical Training of the Food Quality and Safety Specialists*, International

Symposium "Healthy Environment for Healthy and Safety Foods"
organized by Agriculture and Forestry Science Academy (ASAS) and
Balkan Environment Association (B.EN.A), 21-22 February 2003,
Bucharest, Romania

12. Alexandru, R., **Gîtin L.**, 2000, *L additivation minime des produits alimentaires comme concept deontologique – bioethique technologique alimentaire*, Simpozinul Franco Român de Chimie Aplicată, 12 - 14 octombrie, Bacău, România
13. Alexandru, R., **Gîtin, L.**, 2002, *Bioethical Problematics in Agrofood and European Society for Ethical Food Actions of the IIIrd Congress of the European Society for Agricultural and Food Ethics* (EurSafe 2001), Buletin AGIR „Univers Ingineresc”, nr. 22.
14. Botez, E., **Gîtin, L.**, 2003, *Aspects of the use of probiotics at the utilization of acid dairy products*, Bulletin of AGIR “Univers Ingineresc”, no. 3, iulie – September 2003, 53 – 55.