

Scientific Activity

➤ Published papers

1. Stănciuc, N., Rotaru, G., 2008, *Food safety management*, Ed. Academica, ISBN 978-973-8937-50-5, 400 pg., *in press*;
2. Stănciuc, N., 2008, *Traceability systems for organic food*, in *Organic Foods*, Edited by G.M. Costin, Ed. Academica, ISBN 978-973-8937-39-0;
3. Sava, N., I. van der Plancken, Rotaru, G., Hendrickx, M., 2007, *Denaturation impact in susceptibility of β -lactoglobulin to enzymatic hydrolysis: a kinetic study*, *Revue Roumaine de Chimie*, 53 (10);
4. Sava, N., Borda, D., Rotaru, G., 2007, *Risks assessment in Romanian Food Safety Systems: Opportunities and Constrains*, *Journal of Agroalimentary Process and Technologies*, Vol. XIII, No.1, p. 69-76;
5. Sava, N., I. van der Plancken, Rotaru, G., Hendrickx, M., 2007, *Heat-induced changes in β -lactoglobulin susceptibility to thermolysin hydrolysis: a kinetic study*, *Proceedings of 5th International Congress on Food Technology*, vol. 2, pg. 236-242, Thessaloniki, Greece, ISBN: 978-960-287-087-7;
6. Sava, N., Rapeanu G., Rotaru G., Bulancea M., 2007, *Traceability in Romanian wine food safety systems*, *OENO 2007*, June 25-27, Bordeaux, France, p. 276-278;
7. Sava, N., 2006, *Intrinsic indicators for heat treatment of milk*, *Informative Journal for the Dairy Industry*, BIIL, 20 (1) 1-76, pg. 19-27;
8. Sava, N., 2006, *Functional and technological implications of heat treatment in dairy industry*, *Informative Journal for the Dairy Industry*, 21 (1) 1-69, pg 43-53;
9. Sava, N., Borda, D., Rotaru, G., 2006, *Particularities of using HAACP system in public alimentation and tourism*, *Quality and Management Journal*, No. 9, year V, ISSN 1582-8794;
10. Sava, N., Borda, D., Rotaru, G., 2006, *Traceability of food*, *Quality and Management Journal*, no. 1, year V, ISSN 1582-8794;
11. Borda, D., Rotaru, G., Sava, N., Stanciu, S., 2006, *Opportunities and constrains of using traceability systems in food chain*, *Quality and Management Journal*, no. 3, year V, ISSN 1582-9511;
12. Rotaru, G., Borda D., Sava, N., Stanciu, S., 2005, *Quality Management in Food Industry*, Ed. Academica, Galati;
13. Sava, N., I. van der Plancken, Claeys, W., Hendrickx, M., 2005, *The kinetics of heat-induced structural changes of β -lactoglobulin*, *Journal of Dairy Science*, 88, 1646-1653, <http://jds.fass.org/cgi/reprint/88/5/1646>;
14. Sava, N., 2005, *Heat induced changes in trypsin susceptibility of β -lactoglobulin: a kinetic study*, *The Annals of Dunarea de Jos University, Facs. VI, XXVIII, Galati*, p. 20-23;
15. Sava, N., 2005, *Covalent crosslinked interactions in heat-treated β -lactoglobulin solutions*, *The Annals of Dunarea de Jos University, Facs. VI, XXVIII, Galati*, p. 81-86;
16. Sava, N., 2005, *The influence of heat treatment on the susceptibility of β -lactoglobulin to chymotrypsin hydrolysis: a kinetic study*, *The Annals of Valahia University, Fascicle VI, Food Technology, Aquaculture and Fishing, Targoviște*, ISSN 1453-8202;

17. Sava, N., Rotaru G., Hendrickx, M., 2005, *Heat-induced changes in solubility and surface hydrophobicity of β -lactoglobulin*, Scientifical Researches. Agroalimentary Processes and Technology, XI (1), 41-48;
18. Sava N., Rotaru, G., 2005, *The effect of chemical denaturation on the beta-lactoglobulin susceptibility to enzymatic hydrolysis*, Informative Journal for the Dairy Industry, 20 (1) 1-76, p. 19-27;
19. Sava N., 2005, *The kinetics of beta-lactoglobulin denaturation*, Informative Journal for the Dairy Industry, BIII, 20 (2) 77-146, p. 95-105;
20. Stanciu, S., Rotaru, G., Borda, D., Sava, N., 2005, *Linii directe pentru evaluarea produselor probiotice*, Buletin Informativ pentru Industria Laptelui, BIII, Anul 20, Nr. 3, ISSN 1224-3655, p. 243-251;
21. Rotaru, G., Borda, D., Sava, N., Stanciu S., 2005, *HACCP study for mineral carbonated water*, The Annals of Dunarea de Jos University, Facs. VI, XXVIII, Galati, University;
22. Rotaru, G., Sava, N., Borda, D., Stanciu, S., 2005, *Food Quality Systems – from a conceptual to an effective model*, Simpozion Safety Food all over the Europe, 5-6 mai Timișoara;
23. Rotaru, G., Borda, D., Sava, N., Stanciu S., 2005, *Quality and safety of mineral water*, Quality and Management Journal, No. 6, p. 10-16, ISSN 1582-9511;
24. Sava, N., I. van der Plancken, Claeys, W., Hendrickx, M., 2004, *Heat-induced changes in thiol availability of β -lactoglobulin*, 10th Symposium on Applied Biological Sciences, Ghent, Belgium. November 29th, ISSN 1379-1176, vol. 69 (2) 1-348, p. 423-426;
25. Rotaru, G., Borda, D., Stanciu, S., Sava, N., 2004, *Integrated quality management systems for Romanian food industry organizations*, Buletinul Universitatii de Științe Agricole și Medicină Veterinară. Cluj Napoca. Vol 60:4, ISSN:1454-2382.
26. Rotaru, G., Borda D., Sava, N., Stanciu, S., 2004, *Contributia educatiei în domeniul calitatii produselor alimentare pentru alinierea produselor românești la cerintele legislative europene*, Simpozion AGIR, Braila;
27. Rotaru, G., Borda D., Sava, N., Stanciu, S., 2004, *Particularitati ale sistemului de management al calitatii pentru întreprinderile de industrie alimentara*, Simpozion AGIR, Braila;
28. Stanciu, S., Rotaru, G., Borda D., Sava, N., 2004, *Dezvoltarea abilitatilor antreprenoriale ale studentilor-o sansa a tinerilor de a raspunde la cerintele pietii*, Simpozion AGIR, Braila;
29. Rotaru G., Borda D., Sava N., Stanciu, S., 2001, *Managementul Implementarii Programelor de calitate*, Ed. Academica, Galati;
30. Rotaru G., Borda, D., Sava, N., 2002, *Controlul Statistic de Proces - o garantie a calitatii si eficientei*, Buletin Informativ pentru Industria Laptelui, 16(1-2) 50, ISSN 1224-3665;
31. Stanciu S., N. Sava (2003), *Aspects regarding the international transactions with cheese*, Informative Journal for the Dairy Industry, Vol. 18 (3), III;
32. Rotaru G, Borda D., Sava N., (2001) *Statistical process control –quality systems guarantee*, Informative Journal for the Dairy Industry, ISSN 1224-3655;
33. Rotaru G., Borda D., Sava N., (2001) *Fermented Milk Safety*, Food and Health at the beginning of the Third millennium Symposium, Annals of Dunarea de Jos University Galați;

34. Rotaru G., Borda D., Sava N. (2001) *Consumer-supplier interaction model*, Food and Health at the beginning of the Third millennium Symposium, Ed. Academica, Galați, ISBN 973-8316-15-4;
35. Rotaru G., Borda D., Sava N., (2001) *Implementing quality programmes*, Economical and Social Re-launch Symposium, AGIR, Bucharest, ISBN 973-810-51-4;
36. Rotaru G., Borda D., Sava N., (2001) *HACCP study for Italia salami manufacturing*, Economical and Social Re-launch Symposium, AGIR, Bucharest, ISBN 973-810-51-4.

➤ **Oral presentations**

1. Stănciuc N., Bleoanca, I., Rotaru, G., 2007, *HACCP - Case studies in the hospitality management*, Food safety and security: Global Holistic approaches for the future and environmental impacts, Galati, www.foodsafety.ugal.ro;

➤ **Posters**

1. Sava, N., I. van der Plancken, Rotaru, G., Hendrickx, M., 2007, *Heat-induced changes in β -lactoglobulin susceptibility to thermolysin hydrolysis: a kinetic study*, Proceedings of 5th International Congress on Food Technology;
2. Borda, D., Stanciu, S., Sava, N., Rotaru, G, Alexe, P., Gavrilă, G., 2007, *The influence of the processing parameters on whey ultrafiltration*, The 5th International Congress on Food Technology – *Consumer Protection through Food Process Improvement and Innovation in the Real World*, Thessaloniki, Greece;
3. Stanciu, S., Borda, D., Sava, N., Rotaru, G, Alexe, P., 2007, *Value added to whey permeate through obtaining synbiotic products*, The 5th International Congress on Food Technology – *Consumer Protection through Food Process Improvement and Innovation in the Real World*, Thessaloniki, Greece;
4. Sava, N., Rapeanu, G., Rotaru, G., Bulancea, M., 2007, *Traceability in Romanian Wine Food Safety Systems*, CENO 2007, VIIIth International Symposium of oenology, Bordeaux;
5. Sava, N., Bahrim, G., 2007, *Bioaliment – a Biotechnological Alternative for Romanian Food Science*, Food safety and security: Global Holistic approaches for the future and environmental impacts, Galati;
6. Sava, N., 2005, *Covalent crosslinked interactions in heat-treated β -lactoglobulin solutions*, Euro-Aliment Symposium, Dunarea de Jos University, Galati;
7. Rotaru, G., Borda, D., Sava, N., Stanciu S., 2005, *HACCP study for mineral carbonated water*, Euro-Aliment Symposium, Dunarea de Jos University, Galati;
8. Sava, N., I. van der Plancken, Claeys, W., Hendrickx, M., 2004, *Heat-induced changes in thiol availability of β -lactoglobulin*, 10th Symposium on Applied Biological Sciences, Ghent, Belgium, November 29th;
9. Rotaru, G., Borda, D., Sava N., 2003, *Quality and safety of cheese*, Present aspects of food quality, Medicine Faculty, Iasi;
10. Rotaru, G., Borda, D., Sava N., 2003, *Inocuity of cheese*, Euro-Aliment Symposium, Dunarea de Jos University, Galati;