Autorul tezei de abilitare: Prof. Dr. Ing. LIVIU GACEU
Titlul tezei de abilitare: Contribuții la optimizarea procesarii industriale a produselor alimentare
Domeniul: Inginerie şi Management

LISTA DE LUCRĂRI

LUCRĂRI RELEVANTE

1. **Gaceu**, L., Gruia, R., Danila, D., Study concerning the evaluation of transitory regime vibrations of the portable mowing machines, using the finite element method, Summer University on Information Technology in Agriculture and Rural Development, 29-30 August, 2007, pg. 60-65, ISBN 978-963-87366-1-1;
2. Dănilă D., **L. Gaceu**, Aspects regarding the control of the impact process between potatoes and hard surfaces utilizing a computer commanded pendulum and a Labview application, Proceeding of Summer University on IT in agriculture and rural development, pg. 152...155, 2007 Debrecen, Hungary;
3. **Gaceu L.,** LabView predictive model for optimization of the cereals drying process, in the Proceedings of International Conference on Agricultural Economics, Rural development and Informatics, AVA3, Debrecen, Hungary, ISBN 978-963-871118-7-8, pp.160…167, 20-21 martie 2007;
4. **Gaceu**, **L.,** Gruia, R., Thierheimer, W., Applications of a Model Simulation Referring to the Energetic Flow Transformities in Agroecosystems, Proceedings of the 8th WSEAS International Conference on SYSTEM SCIENCE and SIMULATION in ENGINEERING (ICOSSSE '09) University of Genova, Genova, Italy, October 17-19, 2009, ISSN: 1790-2769, ISBN: 978-960-474-131-1.
5. **Gaceu**, **L**., Tecuceanu, E., Byelyayeva, I.M., Oprea, O.B., Aspects related to the colour analyses of vegetable products during convective drying process - Proceeding of BIOATLAS 2012 Conference, Journal of EcoAgri Tourism, vol 8, no 2, pg. 308 – 312, ISBN: 1844-8577
6. **Gaceu**, **L.,** Lepadatescu, B., Monitoring of the Vegetables Drying Process using Infrared Images, Proceeding of the 2nd international conference Advances in Environment Technologies, Agriculture, Food and Animal Science, 1-3 june 2013, Brasov, pg. 267…272, ISBN: 978-1-61804-188-3
7. Buculei, A., Amariei, S., Oroian, M., Gutt, G., **Gaceu**, **L.,** Birca, A., Metals migration between product and metallic package in canned meat, LWT - Food Science and Technology, Volume 58, Issue 2, October 2014, Pages 364-374, Elsevier, ISSN: 0023-6438.
8. **Gaceu L.** , Gadei G. , Oprea O.B., Research regarding information content of the meat products labels from Romania, in accordance with the European legislation, Journal of Agricultural Informatics., pg. 1...6, 2014 Vol. 1, No. 4, Publisher: Hungarian Association of Agricultural Informatics (HAAI), ISSN: 2061-862X.
9. Sukhmanov, V., Shatalov, V., Petrova, J., Birca, A., **Gaceu, L.,** The influence of high pressure on bio-system reaction kinetics and the preservation of vitamin C, Volume 58, Issue 2, October 2014, Pages 375-380, Elsevier, ISSN: 0023-6438.

TEZA DE DOCTORAT

Gaceu, L., Cercetari privind optimizarea regimului de uscare a semințelor de cereale şi plante tehnice, cu aplicații la porumb şi soia, Universitatea Transilvania din Braşov, 2001 (203 pag). conducator ştiințific: prof. Dr. Ing. Bratucu Gheorghe; domeniul: Inginerie Mecanică

BREVETE

THIERHEIMER W W, GRUIA R, TANE N, **GACEU L**, THIERHEIMER C D, Technical system for improving the stability of motor vehicles, which is mounted and fixed in articulated manner between steering mechanism and motor vehicle wheel suspension mechanism
Patent Number(s): RO126654-A2 ; Patent Assignee Name(s) and Code(s): UNIV BRASOV TRANSILVANIA (UYBR-Non-standard); Derwent Primary Accession Number: 2011-Q12848

CĂRȚI / CAPITOLE DE CĂRȚI

CĂRȚI

1. **Gaceu, L.,** *Tehnici moderne de uscare a cerealelor si plantelor tehnice***,** Editura Universității "Transilvania" din Braşov *(Editura recunoscuta CNCSIS)*, ISBN 973-635-662-0, ISBN 978-973-635-622-9, 203 pg., 2006
2. **Gaceu L.**, *Inginerie asistată de calculator*, Editura Informarket *(Editura recunoscuta CNCSIS)*, Braşov, ISBN (10)973-8204-80-1, ISBN (13) 978-973-8204-80-5, 240 pag., 2006.
3. **Gaceu, L.,** Gruia, R., *Sisteme informatice in management*, Editura Infomarket, *(Editura recunoscuta CNCSIS)*, ISBN 973-8204-86-0, ISBN 978 973-8204-86-7 Brasov, 207 pg., 2006.
4. Țane N.**, Gaceu L.,** Maşini, instalații şi utilaje pentru produse vegetale, Editura Universității "Transilvania" din Braşov *(Editura recunoscuta CNCSIS)*, ISBN 973-9474-44-6, 158 pag., 2000.
5. Danila D. M., **Gaceu L.,** Grafica asistata de calculator- Aplicatii Autocad 2D, Editura Universitatii Transilvania din Brasov, ISBN 978-973-598-476-2, 2009.
6. Ola D., R. Lupsa, **Gaceu L.,** W. Thierheimer, M. Manescu, Modelarea si Automatizarea sistemelor tehnice din alimentatie si turism, Editura CNCSIS, 2010, ISBN: 978-973-131-236-1.
7. Danila D.l M., **Gaceu Liviu,** G. Danila, Tehnici de optimizare a proceselor din industria turismului, Editura Lux Libris, Brasov, ISBN 978-973-598-476-2, 146 pg., 2009.
8. **Gaceu Liviu,** Utilaje si tehnologii in industria panificatiei, Indrumar de laborator, , Editura Lux Libris, 100 pag., 2014.
9. Ospanov A.A., **Gaceu L.,** et al., Innovative Technologies of Grain Crops Processing, Editura Infomarket, ISBN 978-973-1747-42-2, 439 pag., 2015.
10. **Gaceu L.,** Managementul calitatii proceselor industriale, Indrumar de laborator, Editura Infomarket, ISBN 978-973- 100 pag, 2015.

CAPITOLE DE CĂRȚI

1. Brătucu, Gh., **Gaceu L.**, ş.a., Aspecte actuale ale economiei şi managementului fermelor agricole, Editura Universității "Transilvania" Braşov, ISBN: 973-635-000-2, 234 pag. Contributie autor: 59 pagini, 25% (pp:23-46, pp: 121-140, pp:171-184), 2002.

ARTICOLE ÎN REVISTE

1. **Gaceu L.**, Research on the optimization of consumption in artificial drying of cereals. În Buletinul ştiinţific al Universităţii "Transilvania" din Braşov, seria A, ISSN 1223-9631. pp. 87-92, 1998.
2. Brătucu Ghe., **Gaceu L.** Aspects on the Possibilities of Reducing Pollution in the Process of Chemical Control of Plant Diseases and Pests. În Buletinul Ştiinţific al Universităţii "Transilvania" Braşo,v, seria A ISSN 1223-9631, Revista CNCSIS tip B, indexată in baza de date internationala INSPEC, pp. 33-38, 2000.
3. **Gaceu L.,** Brătucu Ghe., Particularităţi ale dirijării prin computer a procesului de uscare a semințelor de porumb, INMATEH, pp. 59-64, Bucureşti, 12 iulie 2000.
4. **Gaceu L.,** Brătucu Ghe., Particularităţi ale dirijării prin computer a procesului de uscare a semințelor de porumb, Revista Mecanizarea Agriculturii, ISSN 1011-7296, pp. 35-40, Nr. 1, 2001.
5. **Gaceu L.,** Aspects regarding food product formulation and cost optimization using linear programming, in Buletinul ştiinţific al Universităţii "Transilvania" Braşov, seria A , Vol. 8 (43) ISSN 1223-9631, pp. 55-60, 2001.
6. **Gaceu, L**., Brătucu, Ghe., Particularităţi ale dirijării asistate de calculator a procesului de uscare a semințelor de porumb. În revista "Mecanizarea Agriculturii" nr. 1/2002, pp.35-41, Bucureşti, 2002.
7. **Gaceu L.**, Finite element Method applied reliability of the multibuckets excavator in opencast mines, in Buletinul ştiinţific al Universităţii "Transilvania" Braşov, seria A, Vol. 9 (44) ISSN 1223-9631. pp. 31-36, 2002.
8. **Gaceu L.**, Aspects regarding seeds temperature distribution inside strip grain dryer, Bulletin of the Transilvania University of Brasov, seria A1, vol. 10 (45), 2003, pag 119-124, ISSN 1223-9631.
9. **Gaceu L.,** Aspects regarding natural modes vibrations of plain sieve and thickness of sifted material, Bulletin of the Transilvania University of Brasov, seria A vol. 11 (46), 2004, pag 63-70, ISSN 1223-9631
10. **Gaceu, L.,** Aspecte privind utilizarea promotorilor de turbulenta in procesul de aerare activa a cerealelor, , Revista de EcoAgroturism, Editura Universitatii Transilvania din Brasov, nr.1, 2006, pg. 11-17, ISSN 1841-642X.
11. **Gaceu, L.**., Contributii la simularea proceselor de separare a amestecurilor solid-aer din instalatiile de transport din industria moritului, pg.7-12, Revista de EcoAgroturism, nr.2, 2006, Editura Universitatii Transilvania din Brasov, ISSN 1841-642X.
12. **Gaceu L.**, et. al., Contributii la studiul vitezei de circulatie a aerului in uscatoarele de cereale , utilizand metoda elementelor finite. Revista de EcoAgroTurism, vol.3, nr2, 2007, pag. 32-40. ISSN:1841-642X.
13. Ola, C., Fuerll, C. **Gaceu, L.,** Experimental Educational Stand used for the Understanding of the Discharging Profile of Agro-Food Bulk Solids extracted by Geometric Variable Design Screw Feeders, International Journal of Recent Trends in Engineering (IJRTE, ISSN 1797- 9617) Open Access Journal, 2009 p. 50-53.
14. Danila D., **Gaceu L.**, Online evaluation method for assessing the variation of the tourist number interested in car rental, Bulletin of the Transilvania University of Brasov • Vol. 2 (51) - 2009 • Series II, p. 75-79.
15. **Gaceu, L**., Danila, D.: Studies Regarding the Design of Grain Dryers with Renewable

Energy Sources, Bulletin of the Transilvania University of Brasov • Vol. 2 (51) - 2009 • Series II, p. 79-85.

16. Bucsa, S., **Gaceu, L.,** Travel and tourism terminology and document databases, essential tools for handling specialized knowledge and professional communication, Journal of Eco Agritourism,Vol 5, nr1, 2009, p. 36-42, ISBN1844-8577.

17. Craciun, I., Ignat, E., Restani, P., Bucchini, L., Marculescu, A., Badea, M., **Gaceu, L.,** Cereals allergies-overview, Journal of Eco Agritourism,Vol 5, nr.3, 2009, p. 17-22, ISBN1844-8577

18. Gaceu L., Gruia R., Education in food and tourism area using moodle management courses system in Transilvania University of Brasov, Journal of EcoAgriTourism, vol.5, nr.1, 2009, pag.43-49, ISSN: 1844-8577.

19. Gruia R., **Gaceu**, **L.,** Risk analysis-modern management system, Journal of EcoAgriTourism, vol. 5, nr. 1, 2009, Pag. 55-60, ISSN: 1844-8577.

20. Thierheimer, W., Tane, N., Gruia, R., **Gaceu**, **L.,** Thierheimer, D., Ola, D., Cojocaru, V., Clinciu M., Risk Arising from Transport Activities. Environmental Engineering and Management Journal, December 2010, pag. 1167-1170. ISSN: 1582-9596. Gheorghe Asachi Technical University of Iasi, Romania.

21. Thierheimer, W., Tane, N., Gruia, R., **Gaceu**, **L.,** Thierheimer, D., Ola, D., Cojocaru, V., Clinciu M., Reducing Pollution from Mobile Sources. Environmental Engineering and Management Journal, December 2010, pag.1681-1684. ISSN: 1582-9596. Gheorghe Asachi Technical University of Iasi, Romania.

22. Danila, D., **Gaceu, L.,** Thierheimer, W., Ola, D., Tane, N., Hodarnau M., Management of the Potato crops for minimizing environmental and human health impacts. Environmental Engineering and Management Journal, December 2010, pag. 1685-1692. ISSN: 1582-9596. Gheorghe Asachi Technical University of Iasi, Romania.

23. Danila D., **Gaceu, L.,** The Difference in Impact Behavior of Fruits and Vegetables Assessed by Digital Potato in Collision with Hard Versus Soft Surfaces - Journal of EcoAgriTourism, vol. 6, nr.1, 2010, pag. 58-61. ISSN: 18448577.

24. Danila, D., **Gaceu, L.,** The Impact Damage Behavior of Potatoes and Apples Assessed by Pendulum Devices - Journal of EcoAgriTourism, vol. 6, nr.1, 2010, pag. 62-66. ISSN: 18448577.

25. Gaceu, L., Danila, D., Ola, D., Continuing Education in Agri-Food Area – A Challenge for Information Tehchnology - Journal of EcoAgriTourism, vol. 6, nr. 1, 2010, pag. 188-195. ISSN: 18448577.

26. Edu, F.V., **Gaceu, L.,** Food Additives and Consumer Information, Journal of EcoAgriTourism, vol. 6, nr.2, 2010, pag. 81-85. ISSN: 18448577.

27. Edu, F.V., **Gaceu**, **L.,** Esr Spectroscopy Detection of some Irradiated Food, Journal of EcoAgriTourism, vol. 6, nr.2, 2010, pag. 86-91. ISSN: 18448577.

28. Lupsa, A.M., **Gaceu, L.,** Aspects Concerning the Labeling of Prepackaged Products, Journal of EcoAgriTourism, vol. 6, nr.3, 2010, pag. 105-110. ISSN: 18448577.

29. Gaceu, L., Ola, D., Danila, D.M., Utilization of the Turbulence Promoters in the Dehydration Phenomena of Vegetable Origin Products - Journal of EcoAgriTourism, vol. 6, nr.4, 2010, pag. 22-26. ISSN: 18448577.

30. Tane, N., Gruia, R., Marculescu, A., Thierheimer, W., **Gaceu, L.,** Theoretical Research on the Dynamics and Environmental Impact of Agricultural Aggregates - Journal of

EcoAgriTourism, vol. 6, nr.4, 2010, pag. 49-54. ISSN: 18448577.

31. Tane, N., Gruia, R., Marculescu, A., Thierheimer, W., **Gaceu, L.,** Experimental Research on the Environmental Impact of Agricultural Aggregates - Journal of EcoAgriTourism, vol. 6, nr.4, 2010, pag. 55-58. ISSN: 18448577.

32. Bucsa, S., **Gaceu, L.,** Ola D., Common Framework for Destination Image Formating – Destination Management System - Journal of EcoAgriTourism, vol. 6, nr.4, 2010, pag. 132-138. ISSN: 18448577.

33. Danila, D., **Gaceu**, **L.,** Improving quality consumption of fruit and vegetables by reducing the mechanical impacts, Bulletin of the Transilvania University of Brasov, Vol 4 (53) No.1, 2011, pag 97-102, ISSN: 2065-2135

34. Oprea, O.B., **Gaceu**, **L.,** Preliminary researches on using spices in traditional bakery product recepies, Journal of EcoAgriTourism, vol. 7, nr. 2, 2011, pag. 15-18, ISBN: 1844-8577

35. Schur, E., **Gaceu**, **L.,** Oprea, O.B., Preliminary studies regarding the use of infrared imaging in the drying process of vegetal products, Journal of EcoAgri Tourism, Vol 7, no 2, 2011,pag. 114-118, Brasov, Romania.

36. Oprea, O.B., **Gaceu, L.,** Birca A., Aspects regarding of cumin uses in bakery recipies , Journal of EcoAgri Tourism, vol 8, no 2, 2012, pg. 8…12, ISBN: 1844-8577

37. Rodionova, N.S., Popov, E.S., Birca, A., **Gaceu**, **L.,** The influence of sous-vide treatment on the form of the moisture in large vegetable meat systems, Acta Universitatis Cibiniensis. Series E: Food Technology. Volume 17, Issue 2, Pages 47–52, ISSN (Print) 2344-150X, DOI: 10.2478/aucft-2013-0011, December 2013

38. Buculei, A., Amariei, S., Oroian, M., Gutt, G., **Gaceu**, **L.,** Birca, A., Metals migration between product and metallic package in canned meat, LWT - Food Science and Technology, Volume 58, Issue 2, October 2014, Pages 364-374, Elsevier, ISSN: 0023-6438,

39. Sukhmanov, V., Shatalov, V., Petrova, J., Birca, A., **Gaceu, L.,** The influence of high pressure on bio-system reaction kinetics and the preservation of vitamin C, Volume 58, Issue 2, October 2014, Pages 375-380, Elsevier, ISSN: 0023-6438.

40. **Gaceu L.** , Gadei G. , Oprea O.B., Methodology for analyzing EU-conform label information content of meat products in Romania, Journal of Agricultural Informatics., pg. 1...6, 2014 Vol. 1, No. 4, Publisher: Hungarian Association of Agricultural Informatics (HAAI), ISSN: 2061-862X.

41. O. B. Oprea, C. Popovici, **L. Gaceu,** Aspect regarding the use of renewable energy into vegetable farms of agritouristic pensions, Innovative information technologies in agriculture, Proceeding of Agriculture Informatics 2014 International Conference, Future Internet and ICT Innovation ISSN 2061-862X, pag. 50...60, Vol 6. No.1, 2015.

ARTICOLE PUBLICATE IN VOLUME ALE CONFERINȚELOR INTERNAȚIONALE

1. Burlea O., **Gaceu L.**, Cercetări privind automatizarea instalațiilor de climatizare în depozitele de legume şi fructe. În Extras cu Lucrările Sesiunii Ştiinţifice “Prezent şi viitor în domeniul instalaţiilor destinate agriculturii şi industriei alimentare”, INMA, Bucureşti, (vol. I) pp. 468-475, 18-19 septembrie 1997.

2. **Gaceu L.,** Burlea O., Brătucu Ghe., Particularităţi privind controlul automat al reglării temperaturii în instalaţiile de uscare a produselor de origine vegetală. În Lucrările Sesiunii Ştiinţifice “ALTEXIM-1” vol. IV, Editura Universitatii “Lucian Blaga”, Sibiu, ISBN 973-

9280-96-X., pp 333-340, 22-23 mai 1998.

3. Brătucu Ghe., Burlea O., **Gaceu L.,** Brătucu R., Sinteză privind criteriile tehnico-economice pentru alegerea mijloacelor de transport şi manipulare a produselor alimentare. În Lucrările Sesiunii Ştiinţifice "ALTEXIM-1", vol. IV, Editura Universitatii "Lucian Blaga", Sibiu, ISBN 973-9280-96-X, pp. 313-318, 22-23 mai 1998.
4. Burlea O., **Gaceu L.,** Brătucu Ghe., Perniu D., Aspecte privind reglarea umidităţii în instalaţiile automate de climatizare din depozitele de legume şi fructe. În Lucrările Sesiunii Ştiinţifice "ALTEXIM-1" vol. IV, Editura Universitatii "Lucian Blaga", Sibiu, ISBN 973-9280-96-X, pag 327-332, 22-23 mai 1998.
5. Burlea O., **Gaceu L.,** Perniu D., Aspecte tehnico-economice ale depozitării cartofului. În Lucrările celei de-a III conferinţe de comunicări ştiinţifice "Eficienţă. Legalitate, Etică", Universitatea "Spiru Haret", Editura Lux Libris, Braşov, ISBN 973-9240-86-0, ISBN 973-9458-04-1, pp. 218-227, 17decembrie 1998.
6. **Gaceu L.,** Burlea O., Eficientizarea energetică a uscării cerealelor prin automatizarea controlului parametrilor procesului. În Lucrările celei de-a IV conferinţe de comunicări ştiinţifice "Eficienţă. Legalitate. Etică", Universitatea "Spiru Haret", Editura Ecran Magazin, Braşov, ISBN 973-99170-7-0, ISBN 973-9240-86-0, pp.204-210, 12 mai 1999.
7. Brătucu Ghe., **Gaceu L.**, Creşterea fiabilităţii operaţionale a tractoarelor prin optimizarea dimensiunilor solelor agricole. În cea de-a IX-a conferinţă internaţională "Conat", Editura Universitatii "Transilvania" Braşov, vol.3, ISBN 973-9474-19-5, ISBN 973-9474-22-5, 11-12 noiembrie 1999.
8. **Gaceu L.,** Brătucu Ghe., Ţane N., Particularităţi privind determinarea duratei procesului de uscare a seminţelor. În cea de-a IX-a conferinţă internaţională "Conat" , Universitatea "Transilvania" Braşov, vol.3, ISBN 973-9474-19-5, ISBN 973-9474-22-5, 11-12 noiembrie 1999.
9. **Gaceu L.,** Brătucu Ghe., Ţane N., Cu privire la distribuţia temperaturii în masa de seminţe în timpul procesului de uscare. În cea de-a IX-a conferinţă internaţională "Conat", Universitatea "Transilvania" Braşov, vol.3, ISBN 973-9474-19-5, ISBN 973-9474-22-5, 11-12 noiembrie 1999.
10. Ţane N., Rus F., **Gaceu L.**, Echiparea şi testarea tractorului U833-DT cu maşini purtate în faţă şi acţionate prin priza de putere. În cea de-a IX-a conferinţă internaţională "Conat" , Universitatea "Transilvania" Braşov, vol.3, ISBN 973-9474-19-5, ISBN 973-9474-22-5, 11-12 noiembrie 1999.
11. **Gaceu L.,** Brătucu Ghe., Aspecte economice privind regimul de uscare al seminţelor şi influenţa sa asupra puterii de germinaţie a acestora. În Lucrările celei de-a V-a conferinţe de comunicări ştiinţifice "Eficienţă. Legalitate. Etică", Universitatea "Spiru Haret", Braşov, Editura Ecran Magazin (editura recunoscuta CNCSIS), ISBN 973-9240-86-0, ISBN 973-99599-0-3, pp. 319...324, 10 decembrie 1999.
12. Brătucu Ghe., **Gaceu L.**, Influenţa factorilor naturali asupra costurilor produselor agricole vegetale. În Lucrările celei de-a V-a conferinţe de comunicări ştiinţifice "Eficienţă. Legalitate. Etică", Universitatea "Spiru Haret", Braşov, Editura Ecran Magazin (editura recunoscuta CNCSIS), ISBN 973-9240-86-0, ISBN 973-99599-0-3, pp. 211...216, 10 decembrie 1999.
13. **Gaceu L.,** Csatlos C., Brătucu Ghe., Computer aided optimisation of grain dryers. În Proceedings of International Computer Science Conference, Microcad 2000, University of Miskolc, Hungary, ISBN 963-661-413 X, ISBN 963-661-425-3, pp. 55-60, 23-24 february, 2000.
14. Brătucu Ghe., Popescu S., **Gaceu L.**, Breaking behaviour - fundamental criteria for setting up

the tractor - agricultural trailer aggregate. În Proceedings of International Computer Science Conference, Microcad 2000, University of Miskolc, Hungary, ISBN 963-661-413 X, ISBN 963-661-426-1, pp. 25-30, 23-24 february, 2000.

15. Csatlos C., Rus F., **Gaceu L.**, Computer aided dimensioning of dies for combined fodder graining machines. În Proceedings of International Computer Science Conference, Microcad 2000, University of Miskolc, Hungary, ISBN 963-661-413 X, ISBN 963-661-426-1, pp. 51-56, 23-24 february, 2000.

16. Padureanu, V., Nastasoiu M., **Gaceu L.,** Methods and equipment for experimental investigation of the dynamics and energetics of municipal engineering, În Proceedings of International Computer Science Conference, Microcad 2000, University of Miskolc, Hungary, ISBN 963-661-413 X, ISBN 963-661-426-1, pp. 113-118, 23-24 february, 2000.

17. Gaceu L., Pădureanu V., Controlul automat al uscării semințelor. În al IX-lea simpozion ştiinţific "Economia Orizont 2000", Universitatea George Barițiu, ISBN 973-97692-1-7, vol II, Braşov, pp.401...406, 20-21 mai 2000.

18. Gaceu L., Csatlos C., Țane N., Determinarea duratei şi a temperaturii de uscare artificială a semințelor. În al IX-lea simpozion ştiinţific "Economia Orizont 2000", Universitatea George Barițiu, ISBN 973-97692-1-7, vol II, Braşov, pp.433...442, 20-21 mai 2000.

19. Țane N., Rus F., **Gaceu L.**, Considerații privind îmbunătățirea tehnologiei de tocare a materiilor alimentare fibroase. În al IX-lea simpozion ştiinţific "Economia Orizont 2000", Universitatea George Barițiu, ISBN 973-97692-1-7, vol II, Braşov, pp.418...424, 20-21 mai 2000.

20. Csatlos C., **Gaceu L.**, Optimizarea unor parametri tehnologici şi energetici la prelucrarea primară în industria cărnii. În al IX-lea simpozion ştiinţific "Economia Orizont 2000", Universitatea George Barițiu, ISBN 973-97692-1-7, vol II, Braşov, pp. 591-602, 20-21 mai 2000.

21. Rus, F., Țane, N., **Gaceu, L.,** Utilizarea criteriilor de similitudine în modelarea proceselor din industria alimentară, în a IX-a Sesiune de comunicări ştiinţifice Economia Orizont 2000, Editura EMA, Braşov, 2000, vol. II, pag. 411, ISBN: 973-97692-1-7.

22. Brătucu Ghe., **Gaceu L.**, Optimizarea tehnico-economică a folosirii resurselor de producție în exploatațiile agricole, Universitatea "Spiru Haret", Braşov, decembrie 2000.

23. Brătucu, Ghe., Diaconu, N., **Gaceu, L.,** Cercetări privind necesitatea îmbunătățirii sistemelor de apreciere a gradului de poluare cu substanțe chimice la tratamentele fitosanitare ale plantelor, În buletinul simpozionului cu participare internațională „Managementul mediului rural şi industrial în contextul integrării europene", Braşov, 28 sept. 2001, pp. 189-194, ISBN 973-635-035-5.

24. Brătucu, Ghe., **Gaceu, L.,** Țane N., Aspecte comparative referitoare la mentananța echipamentelor agricole şi din industria alimentară, în sesiunea de comunicări ştiinţifice SMAT 2001, vol II, pp. 141, Editura Universității din Craiova, ISBN 973-8043-24-5.

25. Tane, N., Brătucu, Ghe., Pădureanu, V., **Gaceu, L.,** Influența maşinilor agricole purtate în fața tractorului asupra stabilității agregatului, în sesiunea de comunicări ştiinţifice SMAT 2001, vol II, pp. 137, Editura Universității din Craiova, ISBN 973-8043-24-5.

26. Gaceu, L., Brătucu, Ghe., Țane N., Analiza comparativă procesului de uscare artificială a a semințelor de porumb destinate însămânțării şi consumului, în sesiunea de comunicări ştiinţifice SMAT 2001, vol II, pag. 141, Editura Universității din Craiova, ISBN 973-8043-24-5.

27. Brătucu, Ghe., Diaconu, N., **Gaceu, L.,** Cercetări privind recuperarea pierderilor de substanțe

folosite la tratamentele fitosanitare ale viței de vie. În buletinul Conferinței: Autovehiculul: siguranță, confort și fiabilitate (cu participare internațională), Craiova, 2001, vol. II, pp.155-162. ISBN 973-8043-24-5

28. Gaceu L., Gruia, R., Preliminary Report Concernig the Applications of a model Simulation Referring to the Energetic Flow Transformities in Agroecosystems, Proceeding of International Congres on Information Technology in Agriculture, Food and Environment, Ege University, Izmir, Turkey, p. 556-561, 7-10 Octombrie 2003.

29. Gaceu L., Gruia, R., Utilizarea functiilor de transfer in teoria ecoemergetica, cu aplicatii in agroecosisteme, in Lucrarile celei de a 6-a conferinte nationale pentru protectia mediului prin mijloace biologice si biotehnice si a celei de a 3-a conferinte nationale de ecosanogeneza, Brasov, Editura Pelecanus, ISBN 973-85051-4-3, p.160-166, 31 mai 2003.

30. Gruia, R., **Gaceu L.,** Studiu preliminar privind modelarea sistemelor mediu-economie, in Lucrarile celei de a 6-a conferinte nationale pentru protectia mediului prin mijloace biologice si biotehnice si a celei de a 3-a conferinte nationale de ecosanogeneza, Brasov, Editura Pelecanus, ISBN 973-85051-4-3, p.157-160, 31 mai 2003.

31. Gaceu, L., Aspects concerning the plane sieve granular material loading level increasing, in Lucrarile congresului international CONAT 2004, PG. 90, Brasov, 20-22 octombrie 2004, ISBN 973-635-394-X.-indexare baza de date nationala.

32. Cojocaru A., **Gaceu, L**., Thierheimer, W, The influence of the PC Data acquisition system, Third international conference "Chalenges in higher education and research in 21st century", Technical University of Sofia, English Department of Engineering, pp.88-91, 1-4 June 2005, Sozopol, Bulgaria.

33. Cojocaru A., **Gaceu, L**., Thierheimer, W, Studies about the optimisation of steering mechanism with suspension, Third international conference "Chalenges in higher education and research in 21st century", Technical University of Sofia, English Department of Engineering, pp.113-115, 1-4 June 2005, Sozopol, Bulgaria.

34. Gaceu L, W. Thierheimer, et. al., Aspects regarding natural modes vibration of plane sieve and sifting process, The third International conference Chalenges in Higher Education and research in 21 century, Technical University of Sofia, English Department of Engineering, pp.125-128, 1-4 June 2005, Sozopol, Bulgaria.

35. Gaceu L, W. Thierheimer, V. Padureanu, Aspects regarding temperature distrubution inside grain dryers, The third International conference Chalenges in Higher Education and research in 21 century, Technical University of Sofia, English Department of Engineering, pp.129-131, 1-4 June 2005, Sozopol, Bulgaria.

36. Gaceu L., et. al. Cercetari privind evaluarea vibratiilor in regim tranzitoriu a motocositorilor portabile utilizand metoda elementelor finite, in Lucrarile celei de a 7-a conferinte nationale pentru protectia mediului prin mijloace biologice si biotehnice si a celei de a 4-a conferinte nationale de ecosanogeneza, 27-28 mai 2005, Brasov, Editura Pelecanus.

37. Gaceu L., Thierheimer W, et. al., Consideratii privind cinetica proceselor de uscare a materialelor agricole termolabile, in Lucrarile celei de a 7-a conferinte nationale pentru protectia mediului prin mijloace biologice si biotehnice si a celei de a 4-a conferinte nationale de ecosanogeneza, 27-28 mai 2005, Brasov, Editura Pelecanus.

38. Gaceu L., et. al., Contributii la studiul vitezei de circulatie a aerului in uscatoarele de cereale utilizand metoda elementelor finite, in Lucrarile celei de a 7-a conferinte nationale pentru protectia mediului prin mijloace biologice si biotehnice si a celei de a 4-a conferinte nationale de ecosanogeneza, 27-28 mai 2005, Brasov, Editura Pelecanus.

39. Thierheimer W., Tane N., **Gaceu L.,** Aspecte privind riscul generat de evenimentele din

activitatea de transport, in Lucrarile celei de a 7-a conferinte nationale pentru protectia mediului prin mijloace biologice si biotehnice si a celei de a 4-a conferinte nationale de ecosanogeneza, 27-28 mai 2005, Brasov, Editura Pelecanus.

40. **Gaceu, L.,** Prezent si perspectiva in moraritul rural din Romania, in lucrarea Noutati privind modalitatile de organizare si tehnologiile de productie si mecanizare pentru dezvoltarea agriculturii in zona de deal si podis, Editura Universitatii Transilvania Brasov (editura recunoscuta CNCSIS), ISBN 973-635-608-6 Vol.2 - ISBN: 973-635-610-8 pp.48-52, 2005.
41. **Gaceu, L.,** Aspecte privind modernizarea si reproiectarea morilor satesti din Romania, in lucrarea Noutati privind modalitatile de organizare si tehnologiile de productie si mecanizare pentru dezvoltarea agriculturii in zona de campie, Ed. Universitatii Transilvania Brasov (editura recunoscuta CNCSIS) ISBN 973-635-608-6 Vol.3- ISBN: 973-635-611-6 pp.33-38, 2005.
42. **Gaceu L.**, Solutii constructive moderne in tehnica uscarii semintelor de cereale si plante tehnice, in: Noutati privind modalitatile de organizare si tehnologiile de productie si mecanizare in zona de campie, Ed. Universitatii Transilvania Brasov (editura recunoscuta CNCSIS) ISBN 973-635-608-6 Vol.3-ISBN : 973-635-611-6 pp.39-44, 2005.
43. **Gaceu L.,** Aspecte privind managementul procesului de uscare a semintelor de porumb si soia, in vederea mentinerii capacitatii de germinatie, in: Noutati privind modalitatile de organizare si tehnologiile de productie si mecanizare in zona de campie, Ed. Universitatii Transilvania Brasov (editura recunoscuta CNCSIS) ISBN 973-635-608-6 Vol.3-ISBN : 973-635-611-6 pp. 45-49, 2005.
44. **Gaceu, L**., Cercetari privind obtinerea de produse bio-active in procesul de uscare a semintelor de cereale si plate tehnice, Revista de EcoAgroturism, nr.1, Editura Universitatii Transilvania din Brasov, ISSN 1841-642X, p.38-44, 2005.,
45. Gruia, R., **Gaceu, L.,** Conceptul slow-food si filosofia eco-gastronomica, p. 57-62, Revista de EcoAgroturism, nr.1, Editura Universitatii Transilvania din Brasov, 2006, ISSN 1841-642X.
46. Bratucu, Ghe., **Gaceu L.**, The contribution in the research of the stresses of cranked axels of engines trough measurements of the torsion moments, International conference, Russe, Bulgaria, 7-9 iunie 2006, ISSN 1311-8874.
47. **Gaceu L.**, Gruia R., Aspects concerning the utilization of the turbulence promoters in the dehydration phenomena of vegetable origin products, in the Proceedings of International Conference Challenges in Higher Education and Research in the 21st century - CHER21, Sozopol, Bulgaria, ISBN 10:954-580-206-5, ISBN 13:978-954-580-206-5, pp. 317-310, 31 mai-3 iunie 2006.
48. Gruia, R., **Gaceu, L.,** Analyses concerning the informational systems of management, in the Proceedings of International Conference Challenges in Higher Education and Research in the 21st century - CHER21, Sozopol, Bulgaria, ISBN 10:954-580-206-5, ISBN 13:978-954-580-206-5, pp. 34-37, 31 mai-3 iunie 2006.
49. **Gaceu, L**., Danila D., G-code programming software for studying the impact behaviour of vegetables. Application for potato tubers, in the Proceedings of international Conference Information Systems in Sustainable Agriculture, Agroenvironment and Food Technology - HAICTA 2006, Volos, Greece, 20-23 septembrie 2006.
50. **Gaceu, L.,** Tzortzios, S., Gruia, R., Continuing education in agriculture-a challenge for Information Tehchnology, in the Proceedinds of international Conference Information Systems in Sustainable Agriculture, Agroenvironment and Food Technology - HAICTA 2006, Volos, Greece, 20-23 septembrie 2006.
51. **Gaceu, L.,** Aspects regarding the improvement of sifting process using oscillate plane sieve

in milling industry, Third International Confercence, "Mechanics and Machine Elements", 2…4 noiembrie 2006, Sofia, Bulgaria.

52. Gaceu L., LabView predictive model for optimization of the cereals drying process, in the Proceedings of International Conference on Agricultural Economics, Rural development and Informatics, AVA3, Debrecen, Hungary, ISBN 978-963-871118-7-8, pp.160…167, 20-21 martie 2007.

53. Gaceu, L., Aspects regrading the simulation of flour-air separation phenomena, using I-DEAS fem software, Proceedings of 31th ARA Congress, Brasov, Romania, 31 iulie-5 august 2007, ISBN 978-2553-01412-3, pg. 110...114.

54. Ola D., Manescu M., **Gaceu L.**, Software Technique for Performance Evaluation of a Volumetric Screw Dosing System for Agro-Foods Bulk Solids, International Joint Conferences on Computer, Information, and Systems Sciences, and Engineering, SPRINGER index.

55. Danila D., **Gaceu L.**, Advanced Method for Assesing the potato Impact properties Using Impact Sensors, Proceedings of 31th ARA Congress, Brasov, Romania, 31 iulie-5 august 2007, ISBN 978-2553-01412-3, pg. 102...106.

56. Dănilă D., **L. Gaceu**, Aspects regarding the control of the impact process between potatoes and hard surfaces utilizing a computer commanded pendulum and a Labview application, Proceeding of Summer University on IT in agriculture and rural development, pg. 1...4, 2007 Debrecen, Hungary.

57. Gaceu L., Gruia R., Research Regarding the Optimisation,of the drying process using a predictive controller, Proceedings of 31th ARA Congress, Brasov, Romania, 31 iulie-5 august 2007, ISBN 978-2553-01412-3, pg. 114...118.

58. Gruia, R., **Gaceu**, **L.,** Informational Agriculture and Sustainable Food Security, in the Proceedings of SU 2007 Conference on Information Technology in Agriculture and Rural Development, Debrecen, Hungary, pp. 95..101, 29-30 august 2007.

59. Gruia R., **Gaceu L.**, Eco-biotehnology, a Basis Pattern for Food Safetu and Food Security, Proceedings of 31th ARA Congress, Brasov, Romania, 31 iulie-5 august 2007, ISBN 978-2553-01412-3, pg. 126...130.

60. Gaceu, L., Gruia, R., Danila, D., Study concerning the evaluation of transitory regime vibrations of the portable mowing machines, using the finite element method, Summer University on Information Technology in Agriculture and Rural Development, 29-30 August, 2007, pg. 60-65, ISBN 978-963-87366-1-1.

61. Gaceu, L., Aspects regarding the design of the portable mowing machines using the finite elements method, International Conference on Economic Engineering and Manufacturing Systems, Braşov, 25 – 26 October 2007, RECENT, Vol. 8, nr. 3b(21b), pg. 480…483, November, 2007.

62. Gaceu, **L.,** A sceptical Look regarding ICT Development in Romanian Rural Area, Challenges in higher education and research in the 21st century, 4-7 June, 2008, Sozopol, Bulgaria, ISSN 978-954-580-248-5.

63. Gaceu., **L.,** Model for Simulation of Drying Process, of Powdery Materials, Challenges in higher education and research in the 21st century, 4-7 June, Sozopol, Bulgaria, ISSN 978-954-580-248-5, 2008.

64. Ola D., Manescu M., **Gaceu L**., „Software Technique for Performance Evaluation of a Volumetric Screw Dosing System for Agro-Foods Bulk Solids", pp.392-396, 2008 Springer Science-Bussines Media B.v, ISBN: 978-1-4020-8738-7.

65. Gaceu, L, Thierheimer, W., Ola, D., "Study regarding improving reability of link plates using finite element method", Fourth International Conference "Mechanics and Machines Elements", 6-8 noiembrie 2008.

66. Gaceu, L., Labview Didactical model for simulation of drying process of powder materials, International Conference on New Reseacrh in Food and Tourism, BIOATLAS Conference 4-7 June 2008, Brasov, Romania, ISSN 1841-642X.

67. Gaceu, L., Study regarding improving reability of link plates using finite element method, , International Conference "Machine Elements",6-7 Noiembrie 2008, Sofia, Bulgaria.

68. Gaceu, **L.,** Ola, D., Popescu, S., Modelling design of the geometric variable screw feeders destined to achieve uniform discharging of bulk solids, International Conference "Machines Elements" 6-7 november 2008, Sofia Bulgaria.

69. Gaceu, **L.** Aspects of self-diagnosis of the technical systems, International Conference "Machines Elements" 6-7 november 2008, Sofia Bulgaria.

70. Gaceu, **L.** Some aspects of the active steering for automotive control, International Conference "Machines Elements" 6-7 november 2008, Sofia Bulgaria.

71. Danila D., **Gaceu**, **L.,** Aspecte privind comportarea la impact a legumelor si fructelor prin asimilarea lor cu materialele vascoelastice, INMATEH 2008.

72. Gaceu, **L.,** Information and Communication Tecnologies: Aspects of Deeloping in Romanian Rural Area, The First International Carpathian Tourism Conference, 24-26 October, 2008.

73. Gaceu, L., Consideration Regarding ICT Development in Romanian Rural Area, Proceeding of the International Conference BIOATLAS 2008 Transilvania University of Brasov, Romania. May pag. 323-326. ISSN:1841-642X.

74. Danila D., **Gaceu L.**, Aspects regarding the potatoes mechanical impact evaluation in correlaton with the energy absorbed, Challenges in higher education and research in the 21st century, 2-5 June, Sozopol, Bulgaria, 2009 ISSN 978-954-580-248-5.

75. Danila D., **Gaceu L.**, Monitoring the tourism services using online instruments, Challenges in higher education and research in the 21st century, 2-5 June, Sozopol, Bulgaria, 2009 ISSN 978-954-580-248-5.

76. Gaceu L., Danila D., W., Thierheimer, Designing the portable Mowing machines using the finite elements Method, Proceeding of Challenges in higher education and research in the 21st century, 2-5 June, Sozopol, Bulgaria, 2009 ISSN 978-954-580-248-5., p. 194-197.

77. Danila D., **Gaceu L.**, Aspects regarding the impact energy absorbed by potatoes in mechanized operations, Research people and actual tasks in multidisciplinary science, 10-12 June, Lozenec, Bulgaria, 2009.

78. Craciun, I., Ignat, E., Marculescu, A., Badea, M., **Gaceu**, **L.,** Restani, P., Buchini, L., Risk Management for food allergens in cereals and derivatives, Proceeding of Romanian Academy, Series B, 2009, 2–3, p. 175–178.

79. Várallyai L., Lengyel P., **Gaceu L.**, Collaborative e-Learning network possibilities in Agriculture, Proceeding of ISAF 2009, ISBN 9781424449699.

80. Gaceu L., B. Lepadatescu, Aspects into use of Renewable Energy Sources in Cereals Drying Process, in Proceeding of Recent Advances in Signal processing, Robotics and Automation Conference, Cambridge, UK, February 21-23 2009, WSEAS Press, p. 74-78, ISBN 978-960-474-054-3, ISSN 1790-5117.

81. Gaceu, **L.,** Gruia, R., Thierheimer, W., Applications of a Model Simulation Referring to the

Energetic Flow Transformities in Agroecosystems, Proceedings of the 8th WSEAS International Conference on SYSTEM SCIENCE and SIMULATION in ENGINEERING (ICOSSSE '09) University of Genova, Genova, Italy, October 17-19, 2009, ISSN: 1790-2769, ISBN: 978-960-474-131-1.

82. Bucsa, S., **Gaceu**, **L.,** Travel and Tourism Terminology and document Databases, essential Tools for Handling Specialized Knowledge and Professional Communication, in Proceeding of 4th Aspect and Visions of Applied Economics and Informatics Conference, Marc 26-27, 2009, Debrecen Hungary, p. 540-547.

83. Danila, D., **Gaceu**, **L.,** The management of the potato harvesting and handling chain for minimizing the economic losses due to impact loadings, in Proceeding of 4th Aspect and Visions of Applied Economics and Informatics Conference, Marc 26-27, 2009, Debrecen Hungary, p. 38-44.

84. Gaceu, **L.,** Gruia R., Danila D., Education in food and tourism area using moodle management courses system in Transilvania University of Brasov, in Proceeding of 4th Aspect and Visions of Applied Economics and Informatics Conference, Marc 26-27, 2009, Debrecen Hungary, p. 540-547.

85. Gruia R., **Gaceu**, **L.,** Risk analysis-modern management system, in Proceeding of 4th Aspect and Visions of Applied Economics and Informatics Conference, Marc 26-27, 2009, Debrecen Hungary, p. 870-875.

86. Thierheimer, W.W., **Gaceu, L.,** Țane, N., Thierheimer, D.C., Researches regarding the roll motion reduction by the steering and spring control, Chalenges in Higher Education and Research in the 21st Century, ISBN 978-954-580-286-3, Vol 7, pp. 228-231, Heron Press, 2-5 june 2009, Sozopol, Bulgaria.

87. Thierheimer, W.W., **Gaceu, L.,** Clinciu, M. C., Thierheimer, D.C., Investigation of decorative public lighting as a source of road accident, Chalenges in Higher Education and Research in the 21st Century, ISBN 978-954-580-286-3, Vol 7, pp. 232-236, Heron Press, 2-5 june 2009, Sozopol, Bulgaria.

88. Thierheimer, W.W., **Gaceu, L.,** Thierheimer, D.C., Ardeleanu, D., Analysis of elastic elements contained in the ABS-Controller, în Proceedings of the 5th WSEAS International Conference on APPLIED and THEORETICAL MECHANICS (MECHANICS '09), Included in ISI/SCI Web of Science and Web of Knowledge, 14-16 December 2009, ISSN: 1790-2769, ISBN: 978-960-474-140-3, pp. 134-137, Published by WSEAS Press, Puerto De La Cruz, Tenerife, Canary Islands, Spain.

89. Clinciu, M., **Gaceu**, **L.,** Thierheimer, D.C., Thierheimer, W.W., Popescu, Fl., Studies on the suspension stiffness control, Bulgarian Journal for Engineering Design, 3 November 2009, pag. 44 - 46, ISSN 1313 - 7530, Heron Press, Sofia, Bulgaria..

90. Thierheimer, D., Cojocaru, V., Clinciu, M., **Gaceu, L.,** Thierheimer W., Survey of Advanced Elastic Element son the ABS-Regulator Control, National Conference on Recent Advances in Electrical & Electronics Engineering RAEEE-09, 23-24 December, 2009, pag. 336-338, ISBN 978-93-80043-62-3, Excel India Publishers, New Delhi.

91. Gruia, R., **Gaceu L.,** Complex Networks in "Environment-Economy" Systems. Advances in Environmental & Geological Science & Engeneering. 24-26 September, 2009, Brasov, pag. 173-178, ISBN:978-960-474-119-9, ISSN:1790-2769.

92. Buzatu, C., Lepadatescu, B., Enescu, I., **Gaceu, L**., Theoretical contributions regarding establishing thermal balance at machining by grinding, Proceeding of the 8th IASME/WSEAS international conference on Fluid Mechanics and Aerodynamics/ 8th IASME/WSEAS International Conference on Heat Transfer, Thermal Engineering and Environment, 7-12 sept

2010 Munich, Germany, pag. 214-217 ISBN: 978-960-474-215-8

93. Danila, D. M., **Gaceu, L.,** The influence of colliding surface profile in fruits and vegetables impact response, Bulletin of the Transilvania University of Brasov, Series II - Forestry, Wood Industry, Agricultural Food Engineering, 2010, 3, 52 pp. 163-166, ISSN: 2065-2135.

94. Thierheimer, D.C., **Gaceu, L.,** Clinciu, M., Campian, O., Ola, D., Thierheimer, W.W., Research of Elastic Elements an ABS-Controller System. Recent Research in Circuits, Systems, Electronics, Control & Signal Processing. 9th WSEAS International Conference on Circuits, Systems, Electronics, Control & Signal Processing (CSECS '10), December 29-31, 2010, pag. 143-148. ISBN:978-960-474-262-2, Electronic version ISSN:1792-7323, Print version ISSN:1792-7315.

95. Thierheimer, D., **Gaceu, L.,** Campian, O., Cojocaru, V., Clinciu, M., Ola, D., Thierheimer, W., The Roll Reduction by the Steering and Spring Control – Sofia, Machine Elements and Non-Metalic Constructions, 4-6 november 2010, pag. 188-196, ISSN:1314-040X.

96. Cojocaru, V., **Gaceu, L.,** Tane, N., Thierheimer, D., Ola, D., Clinciu, M., Thierheimer, W., Mechatronic system for Load Simulation on Toothed the Rack Heads – Sofia, Machine Elements and Non-Metalic Constructions, 4-6 november 2010, pag. 94-100, ISSN:1314-040X.

97. Gaceu, L., Ola, D., Thierheimer, W., Danila, D., Mathematical Method of Analysis for the Quality Control of the Wheat Germs Drying using Infrared Images – Recent Research in Manufacturing Engineering, 3rd WSEAS International Conference on Manufacturing Engineering, Quality and Production System (MEQAPS '11), 11-13 april 2011, pag. 90-93, ISBN:978-960-474-294-3.

98. Thierheimer, W., Clinciu, M., Stefanita, C., **Gaceu**, **L.,** Danila, D., Ola, D., Campian, O., Popescu, F., Thierheimer D., Improvement of Control for the Stability and Maniability trough Optimization of the Adaptive Steering – Suspension System - Recent Research in Manufacturing Engineering, 3rd WSEAS International Conference on Manufacturing Engineering, Quality and Production System (MEQAPS '11), 11-13 april 2011, pag. 173-176, ISBN: 978-960-474-294-3.

99. Gaceu L., Preliminary studies regarding the infrared images uses in the drying process of agricultural products – Agricultural Informatics 2011 conference, Debrecen, 11-12 nov, pag. 53-58, ISBN: 978-615-5094-7.

100. Thierheimer, W., Clinciu, M., Stefanita, C., **Gaceu, L.,** Danila, D., Ola, D., Improvement of control for the stability and maniability throught optimization of the adaptive steering suspension system – Recent researches in manufacturing engineering, 3rd WSEAS international conference on manufacturisng engineering, quality and production systems (MEQAPS '11) pag. 173-176, ISBN: 978-960-474-294-3.

101. **Gaceu**, **L**., Tecuceanu, E., Byelyayeva, I.M., Oprea, O.B., Aspects related to the colour analyses of vegetable products during convective drying process - Proceeding of BIOATLAS 2012 Conference, Journal of EcoAgri Tourism, vol 8, no 2, pg. 308 – 312, ISBN: 1844-8577.

102. **Gaceu**, **L.,** Ola D., Sperchez C., Information and communication technologies working for agrifood area, Proceeding on BIOATLAS 2012 Conference, Journal Of EcoAgriTourism, Vol 8, no. 1, 2012, pg. 314-317, ISSN 1844-8577.

103. Gadei G., **Gaceu** L., Gruia, R., Preliminary research regarding the impact of flour addition in bread, Proceeding on BIOATLAS 2012 Conference, Journal Of EcoAgriTourism, Vol 8, no. 1, 2012, pg. 135-139, ISSN 1844-8577.

104. **Gaceu L**., Sukmanov, V., Petrova, J., Rusanova O., Lagovsky I., Birca A., Dmitry K., Study Regarding Work Conditions for Research of Reagent Solubility in Supercritical Water,

Proceeding of the International Conference Recent advances in intelligent control, modelling and computational science, Valencia, 6-8 august 2013, pg. 53-58, ISBN 978-960-319-3.

105. **Gaceu**, **L.,** Lepadatescu, B., Monitoring of the Vegetables Drying Process using Infrared Images, Proceeding of the 2nd international conference Advances in Environment Technologies, Agriculture, Food and Animal Science, 1-3 june 2013, Brasov, pg. 267…272, ISBN: 978-1-61804-188-3.

106. **Gaceu**, **L.,** Gadei, G., Oprea, O.B., Nutrilab Project-short review upon investigation methodology, Proceeding of the international conference Agriculture Informatics, pg. 1…6, Debrecen, Hungary, 2013.

107. Oprea O.B., **Gaceu**, **L.,** Gadei, G., Investigation methodology about labels information content of the meat products from Romania, in accordance with European Legislation, Proceeding of the international conference Agriculture Informatics, pg. 7…12, Debrecen, Hungary, 2013.

108. Spirchez, C., **Gaceu, L**., Research on natural fiber insulation for wood construction, Proceedings International Conference Challenges in Higher Education and Research in XXI century, 4-7 iunie 2013, Sozopol, Bulgaria, pg. 210..214.

109. C. Spirchez, **L. Gaceu,** Importanta izolatiei pentru realizarea constructiilor ecologice, Buletinul AGIR , nr.1/2014, Editura AGIR, pag. ISSN 1224-7928

110. Sukmanov, V., Petrova, Y., Golubev, A., Lagovskiy, I., **Gaceu**, **L.,** Birca, A., Oprea, O.B., Lepadatescu, B., Acidity of Grape Marc Extracts Obtained in the Subcritical Water Environment, 3rd International Conference on Agricultural Science, Biotechnology, Food and Animal Science (ABIFA '14), 26-28 iunie Brasov, Romania.

111. C. Spirchez, **L. Gaceu**, The use of wood in roof construction, Proceedings International Conference Challanges in Higher Education and Research in XXI century, 3-6 iunie 2014, Sozopol, Bulgaria

112. C. Popovici, O. B. Oprea, **L. Gaceu**, Iodine food fortification: biological effects and safety aspects, Innovative information technologies in agriculture, Proceeding of Agriculture Informatics 2014 International Conference, Future Internet and ICT Innovation ISBN 978-615-5094-11-8, pag. 18...24, 2014

113. **L. Gaceu,** R. Gruia, D. Mnerie, Energy Simulation Model Of Agroecosystem – Case Study Of Animal Breeding Farm, Proceedings of the 43rd International Symposium on Agricultural Engineering, Actual Task on Agricultural Engineering, University Of Zagreb Faculty Of Agriculture, Opatija, Croatia, 24-27.02.2015, pag. 485-494, ISSN 1848-4425.

114. **L. Gaceu,** D. Mnerie, O. B. Oprea, G. Mnerie, Monitoring the drying process of vegetal products by using infrared images, Proceedings of the 43rd International Symposium on Agricultural Engineering, Actual Task on Agricultural Engineering, University Of Zagreb Faculty Of Agriculture, Opatija, Croatia, 24-27.02.2015, pag. 537-546, ISSN 1848-4425.

115. D. Mnerie, **L. Gaceu,** O. Gubeina, M. Shamtsyan, A. Birca, Critical analysis of the reflection by the resources quality agro-livestock in the labeling of generated food stuff, Proceedings of the 43rd International Symposium on Agricultural Engineering, Actual Task on Agricultural Engineering, University Of Zagreb Faculty Of Agriculture, Opatija, Croatia, 24-27.02.2015, pag. 879-884, ISSN 1848-4425.

ALTE LUCRARI/ REALIZARI RELEVANTE

Membru in Comitete Sciintifice si de Organizare:

1. Membru in comitetul stiintific al conferintei HAICTA 2011, Grecia. http://2011.haicta.gr/index.php?option=com_content&view=article&id=117&Itemid=120
2. Membru in comitetul stiintific al conferintei HAICTA 2013, Grecia. http://2013.haicta.gr/index.php?option=com_content&view=article&id=117&Itemid=120
3. Membru in comitetul stiintific al conferintei "Agricultural Informatics Conference" Debrecen, 21-22 september 2012, Hungary. http://nodes.agr.unideb.hu/AI2012/index.php/ai2012/AI2012
4. Membru in comitetul stiintific al conferintei "Agricultural Informatics Conference" Debrecen, 2011, Hungary (anexa 3.3) http://nodes.agr.unideb.hu/ai2011/index.php/ai2011/AI2011
5. Membru in comitetul stiintific al conferintei "Agricultural Informatics, Summer University on Information Technology in Agriculture and Rural Development" Debrecen, 26 -27. August, 2009, Hungary. http://odin.agr.unideb.hu/su2009/organizers.php
6. Membru in comitetul stiintific al conferintei "40 years department of MAFI" PLovdiv, Bulgaria, 9-11 mai 2013.
7. Membru in comitetul stiintific al conferintei "ABIFA 2013 2nd WSEAS International Conference on Agricultural Science, Biotechnology, Food and Animal Science" Brasov 2013 http://www.wseas.org/wseas/cms.action?id=3826
8. Presedintele comitetului stiintific al celui de-al 3-lea Congres European NEEFood, 20-23 mai 2015, Brasov, Romania http://neefood2015.rosita.ro
9. Membru in comitetul de organizare al conferintei BIOATLAS 2014 http://rosita.ro/bioatlas/organizers.html
10. Membru in comitetul de organizare al conferintei BIOATLAS 2012.

Membru in colectivul de redactie:

1. Redactor sef revista *Journal of EcoAgriTourism*, Transilvania University Press, ISSN:18448577 www.rosita.ro/jeat
2. Membru in colectivul de redactie al revistei *Journal of Agricultural Informatics*, ISSN 2061-862X **,** Debrecen, Ungaria**.** http://journal.magisz.org/index.php/jai
3. Membru in colectivul de redactie al revistei „JOURNAL OF FOOD AND PACKAGING SCIENCE TECHNIQUE AND TECHNOLOGIES" ISSN 1314-7420 (Print) ISSN 1314-7773 (Online) http://mahvp.uft-plovdiv.bg/wp-content/uploads/2012/10/NUMBER-2-volume-1.pdf

Data: 25.04.2015

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