



Lista de lucrări

Candidat: Lupu Mirabela Ioana

Funcţia actuală: Şef lucrări dr. ing. la Facultatea de Ştiinţa şi Ingineria Materialelor, Departamentul Ingineria Materialelor şi Sudură

1. Activitatea didactică/profesională

1.1. Cărţi si capitole în cărţi de specialitate

1. Mirabela Lupu, Cristina Canja, Florean Rus, Operaţii unitare în industria alimentară. Concepte fundamentale, Editura Invel-Multimedia, 2019, ISBN 978-606-764-048-9.
2. Mirabela Lupu, Vasile Pădureanu, Florean Rus, Metode şi mijloace de măsurare, Editura Universităţii Transilvania Braşov, 2018, ISBN 978-606-19-0175-3.
3. Mirabela Lupu, Vasile Pădureanu, Mărunţirea cerealelor, Editura Universităţii Transilvania Braşov, 2012, ISBN 978-606-19-1090-8.

2. Activitatea de cercetare

2.1. Articole în extenso în reviste cotate Thomson Reuters

1. Lupu Mirabela Ioana, Carmen Liliana Badarau, Vasile Padureanu, Cristina Maria Canja, Effects of some treatments on L ascorbic acid and other physical-chemical properties of grapes juice, Revista de Chimie, nr.4, vol.70, 2019, factor impact 1,412.
<http://www.revistadechimie.ro/pdf/31%20LUPU%20M%204%2019.pdf>
2. Carmen Liliana Bădăraş, Floriana Maria Ştefan, Cristina Maria Canja, Mirabela Ioana Lupu, Total content of some antioxidants in ten romanian potato genotypes (Braşov, 2015-2016), University of Agronomic Sciences and Veterinary Medicine of Bucharest Faculty of Agriculture. Scientific Papers. Series A. Agronomy, ISSN 2285-5785, factor impact 0.
https://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=E3HFGLhalOda35KyICZ&page=1&doc=1
3. Jegatheswaran RATNASINGAM, Geetha RAMASAMY, Weiching TOONG, Florin IORAS, Cristina Maria CANJA, Mirabela Ioana LUPU, Ioan Vasile ABRUDAN, Carbon Stocking in the Natural Forests – The Case of Malaysia, Notulae Botanicae Horti Agrobotanici Cluj-Napoca, Vol. 43, No 1, pg. 278-286, 2015, factor impact 0,463.
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=1&SID=D3CGahBuU77UYJpHr4V&page=1&doc=1

2.2. Articole în volume proceedings indexate Thomson Reuters

1. Lupu, M. I.; Padureanu, V.; Canja, C. M., *The effect of moisture content on grinding process of wheat and maize single kernel*, International Conference on Modern Technologies in Industrial Engineering IV (ModTech) 2016.

http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=28&SID=D3CGahBuU77UYJpHr4V&page=1&doc=1

2. Lupu Mirabela, Cismaru Laura, Padureanu Vasile, Canja Cristina, Măzărel Adrian, *Developing the organic romanian wine tourism industry through a mobile application for scoring wine products*, 3rd International Multidisciplinary Scientific Conference on Social Sciences and Arts, SGEM 2016
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=20&SID=D3CGahBuU77UYJpHr4V&page=1&doc=1
3. Canja Cristina Maria, Mazarel Adrian, Cismaru Laura, Lupu Mirabela Ioana, Padureanu Vasile, *Romania and its oenotouristic potential*, 3rd International Multidisciplinary Scientific Conference on Social Sciences and Arts, SGEM 2016
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=20&SID=D3CGahBuU77UYJpHr4V&page=1&doc=2
4. Mazarel Adrian, Canja Cristina Maria, Cismaru Laura, Lupu Mirabela Ioana, Padureanu Vasile, *The impact of the requirements of iso 9001: certification systems by 2015 on the quality management in the hospitality industry from romania*, 3rd International Multidisciplinary Scientific Conference on Social Sciences and Arts, SGEM 2016
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=20&SID=D3CGahBuU77UYJpHr4V&page=1&doc=3
5. Padureanu Vasile, Cismaru Laura, Lupu Mirabela, Canja Cristina, Mazarel Adrian, *Improving student practice through innovative matching software based on the european hospitality skills passport*, 3rd International Multidisciplinary Scientific Conference on Social Sciences and Arts, SGEM 2016
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=20&SID=D3CGahBuU77UYJpHr4V&page=1&doc=4
6. Padureanu Vasile, Lupu Mirabela, *Theoretical research on the dynamics of the tractor-blade of unsnowing works*, 13th International Conference on Modern Technologies, Quality and Innovation, ModTech 2009
http://apps.webofknowledge.com/full_record.do?product=WOS&search_mode=GeneralSearch&qid=20&SID=D3CGahBuU77UYJpHr4V&page=1&doc=6

2.3. Articole în reviste BDI

1. Mirabela LUPU, Studies regarding Bavarian pretzels quality, Bulletin of the Transylvania University of Brasov, Vol. 11 (60) No. 2, 2018.
http://webbut.unitbv.ro/Bulletin/Series%20II/2018/BULETIN%20I/11_Lupu-2.pdf
2. Lupu M.I., Scutari I., Studies regarding the quality of chardonnay and cabernet sauvignon wines, 18th International Multidisciplinary Scientific GeoConference 2018, Vol.18.
3. Lupu M.I., Puchianu Ghe., Padureanu V., Canja C., Maier A., The influence of ultrasound and pasteurization on microbiological properties of grape juice, 18th International Multidisciplinary Scientific GeoConference 2018, Vol.18.
4. Alina MĂRGEAN, Vasile PĂDUREANU, Mirabela Ioana LUPU, Application of ultrasound in winemaking process, 46th International Symposium "Actual Tasks on Agricultural Engineering, 2018.
http://atae.agr.hr/Programme_ATAE_2018.pdf
5. Padureanu, V., Margean, A., Lupu, M.I., Canja, C.M., Researches on reducing alcohol content of wine using vacuum distillation, International Multidisciplinary Scientific

GeoConference Surveying Geology and Mining Ecology Management, 2018.

<https://www.scopus.com/authid/detail.uri?authorId=56442236600>

6. Mărgean, A., Pădureanu, V., Lupu, M.I., Canja, C.M., Preliminary study of the effects of ultrasound on red wine physicochemical characteristics, International Multidisciplinary Scientific GeoConference Surveying Geology and Mining Ecology Management, 2018.
<https://www.scopus.com/authid/detail.uri?authorId=56442236600>
7. M. Lupu, C. Canja, A. Mazarel, V. Padureanu, C. Badarau, *Rational nutrition of modern human*, 4th International Multidisciplinary Scientific Conference on Social Sciences and Arts SGEM 2017 <https://sgemworld.at/ssgemlib/spip.php?article5243>
8. C. M. Canja, A. Mazarel, M. I. Lupu, V. Padureanu, *Romanian oenotourism pilon for promotion and development of national identity*, 4th International Multidisciplinary Scientific Conference on Social Sciences and Arts SGEM 2017
<https://sgemworld.at/ssgemlib/spip.php?article4514>
9. A. Mazarel, M. Lupu, C. Canja, V. Padureanu, C. L. Badarau, *The evaluation of nutritional quality in schools catering from romania*, 4th International Multidisciplinary Scientific Conference on Social Sciences and Arts SGEM 2017
<https://sgemworld.at/ssgemlib/spip.php?article5270>
10. A. Mazarel, C. M. Canja, M. I. Lupu, V. Padureanu, *The impact of the iso 22000: 2005 standard on food safety in the romanian hospitality industry*, 4th International Multidisciplinary Scientific Conference on Social Sciences and Arts SGEM 2017
<https://sgemworld.at/ssgemlib/spip.php?article4569>
11. Lupu M.I., Physicochemical Study of Red and White Wine Properties, Bulletin of the Transilvania University of Braşov Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 10 (59) No.2 – 2017
http://webbut.unitbv.ro/Bulletin/Series%20II/2017/BULETIN%20I/14_Lupu.pdf
12. Lupu M.I., Canja C.M., Padureanu V., The Influence of moisture content of wheat single kernel on the energy consumption by shearing process, Bulletin of the Transilvania University of Braşov Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 10 (59) No.1 – 2017
http://webbut.unitbv.ro/Bulletin/Series%20II/2017/BULETIN%20I%20PDF/14_Lupu.pdf
13. Carmen L. Bădăraş, Mike, F.M. Ştefan, Cristina M. Canja, Mirabela I. Lupu, Total carotenoids content in 20 potato cultivars grown in Romania, Bulletin of the Transilvania University of Braşov Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 10 (59) No.1 – 2017
http://webbut.unitbv.ro/Bulletin/Series%20II/2017/BULETIN%20I%20PDF/08_Badarau.pdf
14. Boeriu A.E., Canja C.M., Lupu M.I., Mazarel, A., Badarau C.L, A Novel Approach for a Healthy Lifestyle - Dietary Fiber as a Functional Ingredient in Breadmaking, Bulletin of the Transilvania University of Braşov Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 10 (59) No.1 – 2017
http://webbut.unitbv.ro/Bulletin/Series%20II/2017/BULETIN%20I%20PDF/09_Boeriu.pdf
15. Margean A., Mazarel A., Lupu M.I., Canja C.M., Tenderization, A Method to Optimize the Meat Sensory Quality, Bulletin of the Transilvania University of Braşov Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 10 (59) No.1 – 2017

- http://webbut.unitbv.ro/Bulletin/Series%20II/2017/BULETIN%20I%20PDF/15_Margean.pdf
16. Canja, C.M., Mazarel, A., Lupu, M.I., Padureanu, V., Enache, D.V.: Foodstuff Falsification – A Nowadays Problem, Bulletin of the Transilvania University of Braşov, Series II: Forestry , Wood Industry , Agricultural Food Engineering , Vol. 9(58) No.1 – 2016.
http://webbut.unitbv.ro/BU2016/Series%20II/2016/BULETIN%20I%20PDF/04_Canja.pdf
 17. Lupu, M.I., Padureanu, V., Canja, C.M., Mazarel, A.: Research on the Aging Process of Wine Distillate, Bulletin of the Transilvania University of Braşov, Series II: Forestry , Wood Industry , Agricultural Food Engineering, Vol. 9(58) No.1 – 2016.
http://webbut.unitbv.ro/BU2016/Series%20II/2016/BULETIN%20I%20PDF/06_LUPU%20-%20actualizat.pdf
 18. Canja, C.M., Mazarel, A., Lupu, M.I., Margean, A., Padureanu, V.: Dietary Fiber Role and Place in Baking Products, Bulletin of the Transilvania University of Braşov, Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 9(58) No.2 – 2016.
http://webbut.unitbv.ro/BU2016/Series%20II/BULETIN%20I/12_%20Canja.pdf
 19. Lupu, M.I., Padureanu, V., Canja, C.M., Mazarel, A., Boeriu, A.: Simulation of Wheat Cutting Process Using the Finite Element Method, Bulletin of the Transilvania University of Braşov, Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 9(58) No.2 – 2016.
http://webbut.unitbv.ro/BU2016/Series%20II/BULETIN%20I/12_%20Canja.pdf
 20. M. Lupu, V. Pădureanu, V. Steriu, Finite element modeling of raw materials milling used in food industry, Advanced Materials Research, Scientific.Net, Trans Tech Publications, 2015.
<http://eds.a.ebscohost.com/abstract?site=eds&scope=site&jrnl=16628985&AN=110787994&h=%2bAmSZwSxYZtkG06VTeUej0zFs7vkSVynsFIELWOZWCSKiUvR9m5mkgYgEcOv9dN67oSZ2sEholwu4uX9trRdfg%3d%3d&crl=c&resultLocal=ErrCrlNoResults&resultNs=Ehost&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d16628985%26AN%3d110787994>
 21. M. Lupu, V. Pădureanu, C. M. Canja, The influence of speed compression on the maize grinding process, Bulletin of the Transilvania University of Braşov, Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 8(57) No.1 – 2015.
http://webbut.unitbv.ro/BU2015/Series%20II/BULETIN%20I%20PDF/10_LUPU.pdf
 22. C. M. Canja, M.I. Lupu, A. Măzărel, V. Pădureanu, The effect on salt added to the dough rheological properties of that and quality of white bread, Bulletin of the Transilvania University of Braşov, Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 8(57) No.1 – 2015.
http://webbut.unitbv.ro/BU2015/Series%20II/BULETIN%20I%20PDF/08_CANJA.pdf
 23. C. M. Canja, A. Măzărel, M.I. Lupu, V. Pădureanu, A study on the advisability of the use of coconut oil in bakery products, Bulletin of the Transilvania University of Braşov, Series II: Forestry, Wood Industry, Agricultural Food Engineering, Vol. 8(57) No.2 – 2015.
http://webbut.unitbv.ro/BU2015/Series%20II/BULETIN%20I/AFT_04-Canja.pdf

2.4. Propuneri de proiecte prin competiție internațională ca și responsabil proiect

1. H2020-SFS-2018-2020, SFS-16-2018, RIA, Proposal number: SEP-210493842, title: SUNFOOD with mobile Zero Energy Food Factories (mZEFF) for healthy local food from Europe's remote rural areas, 2018
2. H2020-RUR-2018-2020, CE-RUR-10-2019, IA, Proposal ID 862634, title: SUNFOOD - Enhancing the Economic Future of Europe's High Nature Value Areas with Solar Powered Mobile Food Processing Units, 2019

2.5. Propuneri de proiecte prin competiție națională

PN-III-P3-3.1-PM-RO-MD-2016, cu titlul: Cercetări privind optimizarea energetică a sistemelor tehnice utilizate pentru executarea procesului de mărunțire a cerealelor- punctaj obținut: 83 puncte

2.6. Proiecte câștigate prin competiție națională

PN-III-P1-1.1-MC-2017, cu titlul: Stagiu de învățare a metodelor și tehnicilor cromatografice de înaltă performanță de analiză (HPLC) cu aplicații în tehnologia alimentară fermentativă. Contract nr. 707/18.12.2017

2.7. Contract de cercetare științifică

1. Diversificarea gamei de produse prin dezvoltarea de noi tipuri de paste făinoase – produse dietetice, încheiat cu S.C. Novita Impex S.R.L. Contract nr. 2647/12.03.2019. Valoare contract 57120 lei.

