

Lucrari publicate in reviste cotate ISI

- 2011 -

1. Antocea, A., I.C. Namolosanu, F. Matei Radoi (2011): Comparative study regarding the ethanol resistance of some yeast strains isolated from Romanian vineyards. *Romanian Biotechnol. Lett.*, Vol.16, No.2, p.5981-5988.
2. Burnichi, Floarea; Parvu, Maria-Gabriela; Danaila-Guidea, Silvana; Petru, Niculita; Ristici, Esofina; Marian, Ristici, 2011. Research regarding the influence of laser radiation upon the growth and development of some vegetable species (eggplant and sweet pepper) *Romanian Biotechnological Lett.*, Bucharest, Romania, 16 (1), pp. 26-32, 2011.
3. Calin C., Vasile G., Bombos D., Pele M., Lupu F., 2011, Modification of Macronutrients and Copper Content from Soil Before and After Phytosanitary Treatments in Vineyard from Tohani-Dealul Mare, *Revista de Chimie*, vol.62, nr.10, 1042-1045
4. Cornea, C.P., M.Ciucă, C.Voaides, V.Gagiu, M.Oprea, A.Pop, 2011, Incidence of *Aspergillus* species in Romanian bakeries: a molecular approach, *Rom. Biotechnol. Letts.*, vol.16, nr.1., p.5863-5871
5. Cornea, C.P., C.Voaides, V.Stan, E.Gament, 2011, Genetic diversity of romanian *Rhizobium leguminosarum* biovar. *trifolii* strains isolated from root nodules of clover grown in heavy metal polluted soil, *Current Opinion in Biotechnology*, Vol.22, supl.1, p. 77
6. Cornea, C.P., C.Voaides, M.Ciucă, V.Stan, E.Gament, I.Razec, M.Dusa, 2011, Molecular Methods for Assessment the Bacterial Communities from Different Type of Soils in Romania, *Notulae Botanicae Horti Agrobotanici Cluj-Napoca*, Vol 39, No 1, p.64-70
7. Cramariuc R., Popa M.E., Tudorache A., Brîndușe E., Kontek A., Mitelut A., Fotescu L., Cramariuc B., Geicu M., Nisiparu L., (2011), "PEF and UV combined system for pathogen microorganisms inactivation in liquid food products", *Journal of Physics: Conf. Series* 301, Vol. 301, No 1
8. Dănilă-Guidea, S., Niculiță, P., Ristici, E., Popa, M., Ristici, M., Burnichi, F., Draghici, M., Geicu, M., 2011, The influence of modulated red laser light on seedlings of some annual ornamental species (*Dianthus caryophyllus* and *Petunia hybrida*), in *Romanian Biotechnological Letters* Vol. 16, No. 6 Supplement pag. 34-39
9. Dinu D., Bodea G., Ceapa, C., Munteanu C., Israel-Roming F., Serban A., Hernemean A., Costache M., Otilia Z., Dinischiotu A. (2011), Adapted response of antioxidant defense system to oxidative stress induced by deoxynivalenol in Hek-293 cells, *Toxicon*, xxx, p. 1-10
10. Dinu, L., L. Anghel, St. Jurcoane. 2011, Isolation of heavy metal resistant bacterial strains from the battery manufactured polluted environment, *Roumanian Biotechnological Letters*. 16(6):102-106.

11. Dinu,L., P.S. Matei, St. Jurcoane, I. Stoica. 2011. Biodegradation of karathane using adapted *Pseudomonas aeruginosa* in scale up process, Romanian Biotechnological Letters, 16(2):6048-6055. factor impact 0.21
12. Dinu,L., S. Bach. 2011. Induction of viable but non-culturable *Escherichia coli* O157:H7 on the phyllosphere of lettuce: a food safety risk factor *Applied and Environmental Microbiology*, 77(23):8295-8302
13. Dobrinouiu,R., S.Jurcoane, A.Rosu, S.Danaila-Guidea, M.Moraru, Dumbrava M., 2011 - „The impact of new technological approaches upon establishing production components and yield randament in *Carthamus tinctorium* L culture”; Romanian Biotechnological Letters Vol. 16, No.2 p. 6125-6134
14. Draghici, M., Niculita, P., Popa, M., Duta, D., 2011, Organic Wheat Grains and Flour Quality *versus* Conventional Ones – Consumer *versus* Industry Expectations – Romanian Biotechnological Letters, Nr. 5, Vol. 16, 2011, pag. 6572-6579;
15. Ghidurus, M., Mitelut, A., Niculita, P., Popa, M.E, Turtoi, M., Geicu, M., 2011, Nitrate accumulation in autochtonous varieties of vegetables, *Journal of Environmental Protection and Ecology*, Thessaloniki, Greece, Vol 13, No2A, pag. 906-912,
16. Ghidurus, M., Turtoi, M., Boskou, G., Niculita,P., Stan, V., 2011,Nutritional and health aspects related to frying (II) – Romanian Biotechnological Letters, Nr. 5, Vol. 16, 2011
17. Imbrea, S. Jurcoane, H.V. Halmajan, M. Duda, L. Botos, 2011, *Camelina Sativa* - A new source of vegetal oils, Rom.Biotechnol.Letts.,vol 16, No. 3/2011
18. Jurcoane,S., Dobre P., C. Florea, Petre S.M., M. Ropota, 2011, A useful plant source for renewable jet fuels, human nutrition and animal feed, , Rom.Biotechnol.Letts, Vol. IX, No.1-4
18. Matei F., Adrian Găgeanu (2011): Killer profile of wine yeast strains isolated in Dealurile Bujorului vineyard. Romanian Biotechnol. Letts., Vol. 16 (6), p.144-147.
19. Matei F., Brinduse E., Nicoale G., Tudorache A., R.Teodorescu, (2011): Yeast biodiversity evolution over decades in Dealu Mare-Valea Calugareasca vineyard. Romanian Biotechnol. Lett., Vol. 16, No.1, Supplement, Bucharest, p.113-120.
20. Matei F., Israel-Roming F., Smeu I., Radu A., Cristea S. (2011): Quantitative study of Deoxynivalenol and Ochratoxin accumulation in syntetic media. Romanian Biotechnol. Lett., Vol. 16, No.1, Supplement, Bucharest, p. 33-39.
21. Matei Radoi F., Israel-Roming F., Cristea S., Smeu I., Radu A. (2011) Quantitative study of Deoxynivalenol and Ochratoxin accumulation in synthetic media Roumanian Biotechnological Letters, vol. 16, nr. 1, p. 33 – 39

22. Mitelut, A., Culețu, A., Popa, M., Niculita, P., 2011, Study on optimization of solid- phase microextraction and gas chromatography-mass spectrometry analysis for the volatile fraction of pastures, in Romanian Biotechnological Letters Vol. 16, No. 6 Supplement, pag. 113-118.
23. Mitelut, A., Popa, M., Geicu, M., Niculita, P., Vatuiu, D., Vatuiu, I., Gilea, B., Balint, R., Cramariuc, R., 2011, Ohmic treatment for microbial inhibition in meat and meat products, in Romanian Biotechnological Letters Vol. 16, No. 1 Supplement, pag. 149- 152.
24. Mitelut, A., Popa, M., Seed germination bioassay for toxicity evaluation of different composting biodegradable materials, 2011, Rom.Biotechnol. Letters Vol. 16, No. 1 Supplement, pag. 121-129,
25. Murariu, M., Gradinaru R., M. Mihai, S. Jurcoane, G. Drochioiu, 2011, Unexpected effect of nikel complexes of some histidine – containing peptides on *Escherichia coli*, Rom.Biotechnol.Letts vol 16, No.3
26. Olteanu V., Siciua, O., Ciuca, M., Carstea, M, Voaides, C., Campeanu, G., Cornea, CP., 2011, Production of biosurfactants and antifungal compounds by new strains of *Bacillus spp.* isolated from different sources, Rom.Biotechnol. Letts., vol.16. (supplement), nr.1, p. 84-91
27. Popa, A., Draghici, M., Popa, M., Niculita, P., 2011, Consumer Choice and Food Policy. A Literature Review, in J. Environmental Protection and Ecology Vol. 12, 1, pag. 708-717,
28. Popa, M., Mitelut, A., Niculita, P., Geicu, M., Ghidurus, M., Turtoi, M., Biodegradable Materials for Food Packaging Applications, 2011, Journal of Environmental Protection and Ecology Vol. 12, No. 4, pag. 1825-1834
29. Râpă, M., Popa, M., Cinelli, P., Lazzeri, A., Burnichi, R., Mitelut, A., Grosu, E., 2011, Biodegradable alternative to plastics for agriculture application, Romanian Biotechnological Letters Vol. 16, No. 6 Supplement, pag. 59-64
30. Rapa, M., Popa, M.E., Grosu, E., Geicu, M., Stoica, P., 2011, Evaluation of the biodegrading action of the *Penicillium Sp.* on some composites based on PHB, Romanian Biotechnological Letters Vol. 16, No.1, Supplement, pag. 9-18
31. Rotaru S., Israel-Roming F., Campeanu G., Deciu G. (2011), Correlation of ochratoxin A level in wine with vine environment, Roumanian Biotechnological Letters, vol. 16, nr. 6, p. 126 – 131
32. Rosu A., Danaila Guidea S.M., Dobrinou R., Toma F., Roșu D.T., Sava N., Manolache C. 2011, *-Asclepias syriaca* L. – an underexploited industrial crop for energy and chemical feedstock; Romanian Biotechnological Lett., Bucharest, Romania, Vol. 16, No.6 2011, Supplement 1, pag.:131-138
33. Sarbu, I., T. Vassu, I. Stoica, E. Vamanu, D. Pelinescu, 2011, Selection of lactic acid bacteria strains producing exopolysaccharides, Current Opinion in Biotechnology, 22S, S96.

34. Smeu, I., Popa, M.E., Effect of minimally processing operations on the shelf-life and quality characteristics of romanian lettuce, in Romanian Biotechnological Letters Vol. 16, No. 6 Supplement November-December 2011, pag. 139-143
35. Stan,V., C.P.Cornea, E.Gament, C.Voaides, A.Pop, 2011, Heavy metal resistant *Rhizobium leguminosarum* biovar *trifolii* isolates: characterization and use in rhizoremediation of polluted soils, Current Opinion in Biotechnology, Vol.22, supl.1, p. 74
36. Stan,V., E.Gament, C.P.Cornea, C.Voaides, M.Dusa, G.Plopeanu, 2011, Effects of Heavy Metal from Polluted Soils on the Rhizobium Diversity, Notulae Botanicae Horti Agrobotanici Cluj-Napoca, Vol 39, No 1, p.88-95
37. Tcacenco L., Berteanu E., Jurcoane S., Lupescu I., Tamas V.,Diguta C., Constantinescu D., 2011, Liposan-Biopreparation with Lipolytic activity obtiand by indigenous plant biosynthesis, Roumanian Biotechnological Letters, Vol.XI,No.1- 4/2011.
38. Vamanu,E., A. Vamanu, S. Niță, S. Colceriu, 2011, Obtaining of an antioxidant concentrate from *Cynara scolymus* for the attenuation of liver diseases, Clinical Chemistry and Laboratory Medicine, 49, S869
39. Vamanu,E., A.Vamanu, S.Nita, N.Rusu, 2011, The viability of the *Lactobacillus paracasei* IL2 and *Lactobacillus plantarum* IL3 strains in simulated gastrointestinal conditions, African Journal of Microbiology Research, 5, 9, 1029-1036
40. Vamanu,E., M.Ene, D.Pelinescu, I.Sarbu, A.Vamanu, S.Nita, Determination of antioxidant and antimicrobial properties of alcoholic extract from *Pleurotus ostreatus* M2191 mycelium obtained in the presence of various nitrogen sources, Revista de Chimie, 62, 12, 2011, 1189-1194
41. Vamanu,E., Vamanu A., Nita, S., Colceriu S., 2011, Antioxidant and antimicrobial activities of ethanol extracts of *Cynara scolymus* (*Cynarae folium*, Asteraceae Family), Tropical Journal of Pharmaceutical Research December, 10, 6. 777-783
42. Vamanu,E., M.Ene, A.Vamanu, D.Smarandache, I.Sârbu, O.Popa, N.Băbeanu, S.Nită, Barcari V., 2011, Antioxidant and antibacterial properties of the extracts from *Pleurotus ostreatus* EVFB1 and EVFB4, Romanian Biotechnological Letters, 16, 1