

ISI papers selection (Web of Science)

1. Cosoroabă, RT. Cristina, Gh. Dărăbus, I. Oprescu - Epidemiologie de l'hipodermose dans une commune du sud-ouest de la Roumanie. *Revue Med. Vet. France*, (IF-0.374), 1994, 145, 8-9, p. 659-661. <http://www.revmedvet.com/artdes-fr.php?id=483b> WOS:A1994PP35700006

2. Degi, J; Imre, K; Ilie, M; Cristina, RT - Stray dogs as reservoirs of the methicillin-resistant zoonotic stafilococi in an urban area from Romania. *Journal of Biotechnology*, (IF-2.667), 161:33 doi:10.1016/j.jbiotec.2012.07.094. WOS:000318064700110

3. Cristina, RT*; Dumitrescu E; Brezovan D; Muselin F; Chiurciu, V. Acanthosis testing of Euphorbia cyparissias ointments. *Afr J Tradit Complement Altern Med* (ISSN:0189-6016), (IF-0.500), 2014, 11(3):1-6. doi: 10.4314/ajtcam.v11i3.1 WOS:000334493100001.

4. Cristina, RT*; Morariu, S; Cernea, MS; Dumitrescu, E; Muselin, F; Cumpanasoiu, C. Phytotherapeutic activity of Euphorbia cyparissias extracts on Ixodidae (Acari) female ticks. *Afr J Tradit Complement Altern Med* (ISSN: 0189-6016), (IF-0.500), 2014, 11(4):48-53, doi:10.4314/ajtcam.v11i4.8 WOS:000338347300008

5. Muselin, F; Trif, A; Cristina, RT; Dumitrescu, E; Cimpoes, S; Macinic, I; Tulcan, C. The protective effect of exogenous melatonin on aluminium induced oxidative stress in rat's blood. *European Biotechnology Congress, Bratislava, Slovakia; Current Opinion in Biotechnology* (IF 7.86) (2013), 24, Suppl. 1, S: 103-104. <http://dx.doi.org/10.1016/j.copbio.2013.05.317> WOS:000323298100291.

6. Frunza, I; Trif, A; Brezovan, D; Carpinisan, L; Ghise, A; Doma, AO; Cristina, RT; Savici, J. Effects on body and sexual organs weight in male rats after potassium dichromate exposure in prepubertal period. *European Biotechnology Congress, Bratislava, Slovakia; Current Opinion in Biotechnology* (IF-7.86/SRI-5.0) (2013), 24, Suppl.1, S:104. <http://dx.doi.org/10.1016/j.copbio.2013.05.318>. WOS:000323298100292

7. Dumitrescu, E; Muselin, F; Macinic, I; Trif, A; Lazarescu, C; Mosneang, C; Cristina, RT*. Dynamics of female sexual hormones after twelve months exposure to lead acetate. *European Biotechnology Congress, Bratislava, Slovakia; Current Opinion in Biotechnology* (IF 7.86) (2013), 24, Suppl. 1, S104. <http://dx.doi.org/10.1016/j.copbio.2013.05.319>. WOS:000323298100293

8. Obistioiu, DM; Stolze, K; Schmerold, I; Tuns, C; Nichita, I; Dumitrescu, E; Brezovan, D; Cristina, RT*. Artemisia plant's constituents HPLC identification and their fungicide activity. *European Biotechnology Congress, Bratislava, Slovakia; Current Opinion in Biotechnology* (IF 7.86) (2013), 24, Suppl. 1, S114. <http://dx.doi.org/10.1016/j.copbio.2013.05.353>. WOS:000323298100326

9. Obistioiu, D; Cristina, RT*; Schmerold, I; Chizzola, R; Stolze, K; Nichita, I; Chiurciu, V. Chemical characterization by GC-MS and in vitro activity against *Candida albicans* of volatile fractions prepared from *Artemisia dracunculus*, *Artemisia abrotanum*, *Artemisia absinthium* and *Artemisia vulgaris*. *Chem Cent J* (ISSN:1752-153X), (IF-2.187), 2014, 8:6 (11 pages). doi:10.1186/1752-153X-8-6. WOS:000334627900001

10. Muselin, F; Trif, A; Stana, L; Cristina, RT; Gravila, C; Macinic, I; Dumitrescu, E. Aluminium induced oxidative stress in rat's blood and the protective effect of *Sempervivum tectorum* aqueous extract. *Trop J Pharm Res*, (ISSN:1596-5996),(IF-0.589), 2014, 13(2):179-184. doi:10.4314/tjpr.v13i2.2. WOS:000334403600002

11. Chiurciu, V; Dumitrescu, E; Popescu, R; Muselin, F; Brezovan, D; Pentea, CM; Cristina, RT. Histoarhitectonics of ovary and uterus after long-term exposure to low lead levels in female rats. *Eurobiotech Congress, Lecce Italy, 15-18/05/2014. J Biotechnol*, (ISSN: 0168-1656), (IF-2.871), 185 Suppl., 2014, S91. <http://dx.doi.org/10.1016/j.jbiotec.2014.07.311>. WOS:000350032000290

12. Topilescu, G; Chiurciu, V; Patrascu, IV; Chiurciu, C; Cristina, RT*. Growth Inhibition of antibiotic resistant bacteria by neutralizing IgY antibodies. *Eurobiotech Congress, Lecce Italy, 15-18/05/2014. J Biotechnol*, (ISSN: 0168-1656), (IF-2.871), 185 Suppl., Sept. 2014, S91-S92. <http://dx.doi.org/10.1016/j.jbiotec.2014.07.313>. WOS:000350032000292

13. Mosneang, CL; Grozea, A; Oprescu, I; Dumitrescu, E; Muselin, F; Gál, D; Cristina RT*. Assessment of 2,4-difluoroaniline aquatic toxicity using a zebra fish (*Danio rerio*) model. *Thai J Vet Med* (ISSN:0125-6491), (IF-0.257), 2014, 44(4): 445-452. <http://www.tci-thaijo.org/index.php/tjvm/article/view/25818/21910> WOS:000346948500005

14. Dumitrescu, E; Cristina, RT*; Muselin, F. Reproductive biology study of dynamics of female sexual hormones: a 12-month exposure to lead acetate rat model *Turk J Biol* (ISSN:1300-0152), (IF-1.343) 2014, 38(5):581-585, doi:10.3906/biy-1402-50. WOS:000352483900013

15. Cristina, RT*; Hanganu F; Dumitrescu, E; Muselin F; Butnariu M; Constantin, A; Chiurciu V. The impact of exogenic testosterone and nortestosterone - decanoate using a rat model. *PLoS ONE* (ISSN:1932-6203), IF-3.234), 2014, e109219:1-16. doi:10.1371/journal.pone.0109219. WOS:000343730400046

16. Rodino, S; Butu, M; Negoescu, C; Caunii, A; **Cristina, RT**; Butnariu, M. Spectrophotometric method for quantitative determination of nystatin antifungal agent in pharmaceutical formulations. *Dig J Nanomater Bios* (ISSN:1842-3582), (IF-0.945) 2014, 9(3):1215-1222. [WOS:000346138400033](#).

17. **Cristina, RT***; Hanganu, F; Brezovan, D; Dumitrescu, E; Muselin, F; Chiurciu, V; Stancu, AC; Pentea, MC; Motoc AGM. Cytoarchitecture of steroid dependent target tissues after testosterone administration compared to nandrolone decanoate in castrated rat males. *Rom J Morphol Embryol* (ISSN: 1220-0522), (IF-0.811), 2015, 55(3):1143-1148. [PMID: 25607397](#), [WOS:000346957100018](#)

18. Dumitrescu, E; Chiurciu, V; Muselin, F; Popescu, R; Brezovan, D; **Cristina, RT***. Effects of long-term exposure to lead low levels in a female rat model: ovary and uterus histological architecture changes. *Turk J Biol*, (ISSN:1300-0152)(IF-1.343), 2015, 39(2):84-289. [doi:10.3906/biy-1407-6](#) [WOS:000352483900013](#).

19. Mosneang, CL; Groza, A; Dumitrescu, E; Muselin, F; **Cristina, RT***. A correlation between two different species of fish embryos used in a freshwater qualitative pollution test. *Rom Biotechnol Lett*, (ISSN:1224-5984), (IF-0.404), 2015, 20(2):10352-57. <http://www.rombio.eu/rbl2vol20/21.pdf>, [WOS:000353965100019](#).

20. **Cristina, RT***; Obistioiu, D; Dumitrescu, E; Nichita, I; Muselin, F; Brezovan, D; Cernea, MS. Eugenole biologic activity in immunosuppressed rat females with *Candida albicans* genital infection - Histocytological changes. *Turk J Biol* (ISSN:1300-0152), (IF-1.343), 2015, 39(3):455-460. [doi:10.3906/biy-1409-70](#). [WOS:000356358200012](#)

21. Csuma, A; **Cristina, RT***; Dumitrescu, E; Muselin, F; Alexa, EC; Butnariu, M; Gergen, I. Application of QuEChERS - High Performance Liquid Chromatography with Postcolumn Fluorescence Derivatization (HPLC-FLD) method to analyze Eprinomectin B1a residues from a pour-on conditioning in bovine edible tissues. *Open Chem* (ISSN:2391-5420), (IF-1.207), 2015, 13(1):769-779. [doi:10.1515/chem-2015-0097](#). [WOS:000355403100092](#).

22. Pentea, M; Butu, M; Samfira, I; **Cristina, RT**; Butnariu, M. Extraction and analytical study of salvininolone from leaves of *Salvia divinorum*. *Dig J Nanomater Bios* (ISSN:1842-3582), (IF-0.945), 2015, 10(1):291-297. [WOS:000353029900029](#).

23. Cernea, M; **Cristina, RT**; Stefanut, LC; Carvalho LM, Taulescu, MA, Cozma V. Screening for anthelmintic resistance in equid strongyles (*Nematoda*) in Romania. *Fol. Parasitol*, (ISSN:0015-5683), (IF-1.147), 2015, 62:023. [doi:10.14411/fp.2015.023](#). [WOS:000364832500001](#).

24. Samfira, I; Rodino, S; Petrache, P; **Cristina, RT**; Butu, M; Butnariu, M. Characterization and identity confirmation of essential oils by mid infrared absorption spectrophotometry. *Dig J Nanomater Bios*, (ISSN:1842-3582), (IF-0.945), 2015, 10(2):557-566. http://www.chalcogen.ro/557_Samfira.pdf [WOS:000357261800002](#).

25. Mosneang, CL; Dumitrescu, E; Muselin, F; Ciulan, V; Grozea, A; **Cristina, RT***. Use of zebra fish eggs as early indicators of aquatic environment pollution. *Pol J Environ Stud* (ISSN: 1230-1485), (IF-0,871), 2015, 24(5):2079-85. [doi:10.15244/pjoes/58649](#). [WOS:000363005000023](#).

26. Tenche-Constantinescu, RV; Tenche-Constantinescu, AM; Mosneang, CL; **Cristina, RT**; Borlea, GF. Fishing *chondrostoma nasus* in Timis river (Lugoj) - cultural tradition and socio-economic aspects versus environmental and ethical issues. 2nd International Multidisciplinary Scientific Conference on Social Sciences and Arts, SGEM2015 Conference Proc, (ISSN: 2367-5659), Aug 26-Sept 01; Book 1(1):71-76. [doi:10.5593/SGEMSOCIAL2015/B11/S1.010](#). [WOS:000378007100010](#).

27. Mosneang, CL; Pap, A; Constantinescu-Tenche, A; Borlea, F; Dumitrescu, E; Muselin, F; **Cristina, RT**. Zebrafish (*Danio rerio*) eco-risk alternative methodology useful in fish recirculating systems. Eurobiotech Congress, Bucharest, Romania, 7-9/05/2015. *J Biotechnol*, (ISSN:0168-1656),(IF-2.871), 208 Suppl., 2015, S53. [doi:10.1016/j.jbiotec.2015.06.156](#). [WOS:000359087000156](#)

28. Pap, A; Mosneang, CL; Dumitrescu, E; Muselin, F; **Cristina, RT**. A hyperthyroid cat treatment using human vs. veterinary drugs. Eurobiotech Congress, Bucharest, Romania, 7-9/05/2015. *J Biotechnol*, (ISSN:0168-1656), (IF-2,871), 208 Suppl., 2015, S89-S90. [doi:10.1016/j.jbiotec.2015.06.279](#). [WOS:000359087000279](#).

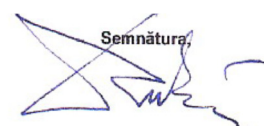
29. Doma, AO; Chirila, AB; Dumitrescu, E; Muselin, F; **Cristina, RT**. The importance of antibiotic resistance evolution in Western Romania's swine units. Eurobiotech Congress, Bucharest, Romania, 7-9/05/2015. *J Biotechnol*, (ISSN:0168-1656), (IF-2.871), 208 Suppl., 2015, S102. [doi:10.1016/j.jbiotec.2015.06.320](#). [WOS:000359087000320](#).

30. Petrus, C; Chirila, AB; Mot, T; Ciulan, V; Simiz, F; **Cristina, RT**; Morar, D. Dynamic of plasma cortisol in response to physical training in thoroughbred horses. Eurobiotech Congress, Bucharest, Romania, 7-9/05/2015. *J Biotechnol*, (ISSN: 0168-1656), (IF-2,871), 208 Suppl., 2015, S92-S93. [doi:10.1016/j.jbiotec.2015.06.289](#). [WOS:000359087000289](#).

31. Stancu, A; Pentea, M; Ahmadi, M; Carpinisan, L; Ghise, A; Popovici RA; **Cristina, RT**. Haematoxylin-Eosin-Methylene blue staining in a dog thromboembolism case. *Rev Chim*, (ISSN: 0034-7752) (IF-0,810), 2015, 66(11): 1763-64. <http://www.revistadechimie.ro/pdf/STANCU%20ADRIAN.pdf%2011%202015.pdf> [WOS:000368213500010](#).

32. Stancu, A; Cristina, RT; Ahmadi, M; Carpinisan, L; Ghise, A; Pentea, M; Berceanu-Vaduva DL. Hematoxilin - Eosin - Methylene blue staining in a dog. *Mat Plast*, (ISSN: 0025-5289) (IF-0,824), 2015, **52(4)**:514-516. <http://www.revmaterialeplastice.ro/pdf/STANCU%20A.pdf%204%2015.pdf> WOS:000368971900019.
33. Lorin, G; Stancu, A; Teusdea, V; Mitranescu, E; Cristina, RT*; Orboi, D; Popovici, R, Marius; Pentea M. Use of Adapted Diffusion Method as Preliminary Assay for Antifungal Biocides Efficacy Currently Used in Decontamination. *Rev. Chim*, (ISSN: 0034-7752) (IF-0,810), 2015, **66(12)**:1978-81. <http://www.revistadechimie.ro/pdf/LORIN%2012%2015.pdf> WOS:000368437100013.
34. Pentea, M; Hulea, C; Stancu, A; Butnariu, M; Cristina, RT. Developing the plastination laboratory for the technique S10. *Mat Plast*, (ISSN:0025-5289) (IF-0.956), 2016, **53(1)**:150-153. <http://www.revmaterialeplastice.ro/pdf/PENTEA%20M%201%2016.pdf> WOS:000373966500035.
35. Muselin, F; Cristina RT*; Igna, V; Dumitrescu, E; Brezovan, D; Trif, A. The consequences of aluminium intake on reproductive function in male rats - A three generation study. *Turk J Med Sci*, (ISSN: 1300-0144), (IF-0,325), 2016, **46(4)**: 1240-1248. doi: 10.3906/sag-1501-101. WOS:000378646700044.
36. Mosneang, CL; Oprescu, I; Dumitrescu, E; Muselin, F; Borlea, GF; David, G; Cristina, RT*. Soil eco-risk assessment using a simple earthworm (*Eisenia fetida*) qualitative avoidance test: A Romanian case presentation of five swine farm surroundings. *Journal of Soil and Water Conservation* (ISSN:0022-4561), (IF-1.752), 2016 **71(5)**: 414-419. doi: 10.2489/jswc.71.5.414. WOS:000383316400009.
37. Grozea, A; Drasovean, A; Lalescu, D; Gal, D; Csiszter, TL; Cristina, RT*. The pikeperch (Sander lucioperca) background color preference in the Recirculating Aquaculture Systems. *Turkish Journal of Fisheries and Aquatic Sciences* (IF-0.553), 2016, **16(4)**:891-897. doi:10.4194/1303-2712-v16_4_16. WOS:000388312400016
38. Tenche-Constantinescu, RV; Tenche-Constantinescu, AM; Mosneang, CL; Cristina, RT; Borlea, GF. The impact of hydrotechnic constructions on the genetic variability of *Chondrostoma nasus* populations in Bega and Timis rivers. 16th International Multidisciplinary Science Geoconference, SGEM 2016, Book 5, Ecology, Economics, Education and Legislation; Ecology and Environmental Protection, 30.06-06.07.2016, Albena, Bulgaria, Proceedings, Vol. II(2):841-848. ISBN: 978-619-7105-40-47. doi:10.5593/SGEM2016/B52/S20.109. WOS:000391519600109
39. Andor, B; Danciu, C; Alexa, E; Zupko, I; Hogeia, E; Cioca, A; Coricovac, D; Pinzaru, I; Pătrașcu, JM; Mioc, M; Cristina, RT; Soica, C; Dehelean C. Germinated and Ungerminated Seeds Extract from Two Lupinus Species: Biological Compounds Characterization and In Vitro and In Vivo Evaluations. Evidence-Based Complementary and Alternative Medicine (IF-1.931) (2016), Article ID 7638542, 8 pages <http://dx.doi.org/10.1155/2016/763854>. WOS:000391612200001
40. Chiurciu, C; Chiurciu, V; Oporanu, M; Pătrașcu, IV; Mihai, I; Tablică, M; Cristina RT*. PC2 Ovotransferrin: Characterization and Alternative Immunotherapeutic Activity. Evidence-Based Complementary and Alternative Medicine (IF-1.931), (2017), Article ID 8671271, 11 pages. <https://doi.org/10.1155/2017/8671271> WOS:000398556600001
41. Cristina, RT*; Hanganu, F; Lazăr, R; Constantin, A; Tulcan, C; Morar, D; Ștef, DS; Huțu I. Prevalence of steroid hormone residues by GC-MS/MS screening in animal matrices in Romania. *Rom Biotechnol Lett* (IF-0.404) 2017, **22(1)**:12155-12162. http://www.rombio.eu/vol22nr1/----1_2015-RBL.pdf. WOS:000395934100001
42. Lorin, D; Teușdea, V; Mitrănescu, E; Ștef, L; Moșneang, CL; Cristina, RT*. The mycobiota composition in eight Romanian representative poultry and swine farms. **Accepted, Rom Biotechnol Lett**, (ISSN: 1224-5984), (IF-0.404), 2017, **22(3)**:
43. Lorin, D; Teusdea, V; Mitranescu, E; Muselin, F; Dumitrescu, E; Stancu, A; Militaru, D; Cristina RT*. The hazardous activity of yeasts embedded in biofilm and planktonic estimated through the effectiveness of four commonly used biocidal conditionings. **Accepted, Mat Plast**, (ISSN: 0025-5289) (IF-0.903), 2017, **54(2)**:
44. Lorin, D; Cristina, RT*, Teusdea, V; Mitranescu, E; Muselin, F; Butnariu, M; David, Gh; Dumitrescu E. Efficiency of four currently used decontamination conditionings in Romania against *Aspergillus* and *Candida* strains *J Mycol Med*, (ISSN:1156-5233) (IF-0.756), 2017, **in press 27()**: doi: 10.1016/j.mycmed.2017.04.013
- 45.

* = Corresponding author



Semnătură