

LISTA DE LUCRĂRI
Conferențiar dr. Corneliu Tanase

A. TEZA DE DOCTORAT 1

TITLU: *Caracterizarea habitatelor naturale din bazinul Valea Morisca (jud. Botoșani) din punct de vedere floristic, fitosociologic și ecologic*

Anul susținerii: 2012

Domeniul: Biologie

Conducător științific: Acad. Prof dr. Constantin Toma

Instituția organizatoare: Universitatea "Alexandru Ioan Cuza", Iași

Calificativul obținut: Foarte bine

TEZA DE DOCTORAT 2

TITLU: *Contribuții privind influența unor produse naturale asupra principalelor procese fiziologice din sistemele vegetale*

Anul susținerii: 2013

Domeniul: Inginerie Chimică

Conducător științific: Profesor emerit dr. ing. VALENTIN I. POPA, membru corespondent al ASTR

Instituția organizatoare: Universitatea Tehnică "Gheorghe Asachi", Iași

Calificativul obținut: Foarte bine

B. CĂRȚI

- a. *Cărți de specialitate apărute în edituri recunoscute CNCS-UEFISCDI – autor principal/unic autor (Total = 120 pct).*

După ultima promovare

1. **Tanase C.** Sămărghișan M., Darko B., Oroian S. *Colecția de plante inferioare din Herbarul disciplinei de Botanică farmaceutică – UMFST G.E. Palade, Tg. Mureș*, Editura University Press, Tîrgu Mureș, 2021, 150 pg, ISBN: 978-973-169-696-6, cod CNCIS 210. (1x20=20 pct).
2. **Tanase C.** Domokos E. *Atlas Botanic – Colecție de plante medicinale din Grădina Botanica Universitară din Târgu Mureș*, Editura University Press, Târgu Mureș, 2020, 160 pg, ISBN: 978-973-169-660-7, cod CNCIS 210. (1x20=20 pct).

Înainte de ultima promovare

3. **Tanase C.** Oroian S. Domokos E. *Botanică farmaceutică – Indrumator de lucrari practice Vol II*, Editura University Press, Târgu Mureș, 2017, 164 pg, ISBN: 978-973-169-493-1, cod CNCSIS 210. (1x20=20 pct).
 4. Oroian S. **Tanase C.** *Botanică farmaceutică – Indrumator de lucrari practice - Vol I*, Editura University Press, Târgu Mureș, 2016, 179 pg, ISBN: 978-973-169-447-1, cod CNCSIS 210. (1x20=20 pct).
 5. **Tanase C.** *Studiul fitosociologic al habitatelor acvatice și palustre din bazinul hidrografic Valea Moristii (jud. Botoșani)*, Editura Stef, Iași, 2015, 131 pg, ISBN: 978-606-575-446-1, cod CNCSIS 88. (1x20=20 pct).
 6. **Tanase C.** *Flora și vegetația pajiștilor din bazinul Valea Morisca (jud. Botoșani)*, Editura Stef, Iași, 2013, 208 pg, ISBN: 978-606-575-284-9, cod CNCSIS 88. (1x20=20 pct).
- a. *Capitole în tratate/cărți de specialitate/volume colective apărute în edituri recunoscute international – prim-autor (Total = 15 pct).*

Tanase C., Bujor O.C., Popa V.I., *Phenolic Natural Compounds and Their Influence on Physiological Processes in Plants*, în *Polyphenols in Plants Isolation, Purification and Extract Preparation Second Edition*, (sub redacția Ronald Ross Watson), Editura Academic Press /Elsevier, London, United Kingdom, 2019, pg 45 – 58, ISBN 978-0-12-813768-0 (1x15= 15 pct).

- b. *Capitole în tratate/cărți de specialitate/volume colective apărute în edituri recunoscute CNCS-UEFISCDI – prim autor (Total = 5 pct).*

Tanase C. *Influența unor produse naturale asupra unor procese fiziologice din plantele de porumb (Zea mays L.)*, Editura Politehnicum Iași, 2013, pg 127-131, ISBN 978-973-621-408-0, cod CNCSIS 211 (1x5= 5 pct).

- c. *Capitole în tratate/cărți de specialitate/volume colective apărute în edituri recunoscute CNCS-UEFISCDI – coautor (Total = 2,5 pct).*

Coșarcă S. **Tanase C.** *About the history research of polyphenolic compounds*, Editura Arhipelag XXI Press, Târgu Mureș, 2015, pg 460-466, ISBN: 978-606-8624-21-1. (1x5/2= 2,5 pct).

C. ARTICOLE PUBLICATE IN EXTENSO

- a. *Articole publicate în extenso în reviste cotate ISI, cu FI, autor principal (Total punctaj = 1727,49)*

După ultima promovare

1. Moldovan O.L., Rusu A., **Tanase C***, Vari C. *Glutamate - a multifaceted molecule: endogenous neurotransmitter, controversial food additive, design compound for anti-cancer drugs. A critical appraisal*, Food and Chemical Toxicology 2021, 153: 112290, ISSN: 0278-6915, FI: 6.023, autor corespondent, doi.org/10.1016/j.fct.2021.112290: **15x (1+6,023) = 105,345**
2. **Tanase C.**, Nisca A., Lopez A. *Assessment of heavy metal content in woody vascular plant barks: Picea abies, Pinus sylvestris and Pinus nigra*, BioResources, 2021, 16(3): 5047-5057, ISSN: 1930-2126, FI: 1,614. **15x (1+1,614) = 39,21**
3. Nisca, A., Ștefănescu, R., Stegăruș, D.I., Mare, A.D., Farczadi, L., **Tanase, C.** *Phytochemical Profile and Biological Effects of Spruce (Picea abies) Bark Subjected to Ultrasound Assisted and Microwave-Assisted Extractions*. Plants 2021, 10: 870, ISSN: 2223-7747, FI: 3,935. <https://doi.org/10.3390/plants10050870>: **15x (1+3,935) = 74,025**
4. Stegăruș, D.I., Călugăr, A., **Tanase, C.**, Muscă, A., Botoran, O.R., Manolache, M., Babeș, A.C., Bunea, C., Gal, E., Bunea, A., Coldea, T.E. *Influence of Oak Chips and Oak Barrel Ageing on Volatile Profile in Chardonnay Wine of Romania*. Appl. Sci. 2021, 11: 3691. ISSN: 2076-3417, FI: 2,679, autor corespondent, <https://doi.org/10.3390/app11083691>, **15x (1+2,679) = 55.185**
5. Nisca A., Ștefănescu R., Stegăruș D.I., Mare A.D., Farczadi L., **Tanase C.**, *Comparative Study Regarding the Chemical Composition and Biological Activity of Pine (Pinus nigra and P. sylvestris) Bark Extracts*, Antioxidants 2021, 10: 327, ISSN: 2076-3921, FI: 6.312 <https://doi.org/10.3390/antiox10020327>: **15x (1+6,312) = 109,68**
6. Coman, A.N.; Mare, A.; **Tanase, C.**; Bud, E.; Rusu, A. *Silver-Deposited Nanoparticles on the Titanium Nanotubes Surface as a Promising Antibacterial Material into Implants*. Metals 2021, 11: 92, ISSN: 2075-4701, FI: 2.351, autor corespondent, <https://doi.org/10.3390/met11010092>: **15x (1+2,351) = 50,265**
7. Rusu A., **Tanase C.**, Pascu G.A., Todoran N. *Recent Advances Regarding the Therapeutic Potential of Adapalene*, Pharmaceuticals 2020, 13(9): 217; ISSN: 1424-8247, FI: 5.863, autor corespondent, doi:10.3390/ph13090217: **15x (1+5,863) = 102,945**
8. Burlacu E, Nisca A, **Tanase C.**, *A comprehensive review of phytochemistry and biological activities of Quercus species*, Forests 2020, 11(9): 904, ISSN: 1999-4907, FI: 2,633, autor corespondent, doi.org/10.3390/f11090904: **15x (1+2,633) = 54,495**
9. **Tanase C.**, Ștefănescu R., Darkó B., Daniela Lucia Muntean, Anca Corina Farcaș, Socaci S.A., *Biochemical and Histo-Anatomical Responses of Lavandula angustifolia Mill. to Spruce and Beech Bark Extracts Application*, Plants 2020, 9: 859, ISSN: 2223-7747, FI: 3.935 doi:10.3390/plants9070859: **15x (1+3,935) = 74.025**

10. **Tanase C.**, Ștefănescu R., Gheorghieș D.G.; Dandu L., Nisca A., Darkó B., Socaci S.A., *Effects of Beech Bark Extract in the Sage (Salvia officinalis L.) Plant Growth and Volatile Oil Profile*, Agronomy 2020, 10: 676; ISSN: 2073-4395, FI: 3.417, autor corespondent, doi:10.3390/agronomy10050676: **15x (1+3,417) = 66,255**
11. **Tanase C.**, Berta L., Mare A., Man A., Talmaciu Al., Mircia E., Volf I., Popa IV., *Biosynthesis of silver nanoparticles using aqueous bark extract of Picea abies L. and their antibacterial activity*, European Journal of Wood and Wood Products, 2020, 78: 281–291, ISSN: 1436-736X FI: 2.014, doi.org/10.1007/s00107-020-01502-3: **15x (1+2,014) = 45,21**
12. Burlacu E, **Tanase C.**, Coman NA, Berta L. *A review of bark-extract-mediated green synthesis of metallic nanoparticles and their applications*, Molecules, 2019, 24(23): 4354, ISSN: 1420-3049, FI: 3, 267, autor corespondent, doi:10.3390/molecules24234354: **15x (1+3,267) = 64,005**
13. **Tanase C.**, Berta L., Coman NA, Roșca I, Man A, Toma F, Nicolescu A, Mocan A, Jakab-Farkas L, Biró D, Mare A, *Antibacterial and Antioxidant Potential of Silver Nanoparticles Biosynthesized Using the Spruce Bark Extract*, Nanomaterials, 2019, 9(11): 1541, ISSN: 2079-4991, FI: 4,324, autor corespondent, doi:10.3390/nano9111541: **15x (1+4,324) = 79,86**
14. Bujor OC., **Tanase C.**, Popa ME. *Phenolic antioxidants in aerial parts of wild Vaccinium species: towards pharmaceutical and biological properties*, Antioxidants, 2019, 8: 649, ISSN: 2076-3921, FI: 5.014, autor corespondent, doi:10.3390/antiox8120649: **15x (1+5,014) = 90,21**
15. **Tanase C.**, Berta L., Coman N.A., Roșca I., Man A., Toma F., Mocan A., Jakab-Farkas L., Biró D., Mare A. *Investigation of In-Vitro antioxidant and antibacterial potential of silver nanoparticles obtained by biosynthesis using beech bark extract*, Antioxidants, 2019, 8(10): 459, ISSN: 2076-3921, FI: 5.014, autor corespondent: **15x (1+5,014) = 90,21**
16. **Tanase C.**, Mocan A, Coșarcă S, Gavan A, Nicolescu A, Gheldiu AM, Vodnar DC, Muntean DL, Crișan O. *Biological and Chemical Insights of Beech (Fagus sylvatica L.) Bark: A Source of Bioactive Compounds with Functional Properties*. Antioxidants (Basel), 2019 8(9): 417, ISSN: 2076-3921, FI: 5.014, autor corespondent, doi: 10.3390/antiox8090417: **15x (1+5,014) = 90,21**
17. **Tanase, C.**; Nișca, A.; Mirica, A.; Milan, A.; Boz, I. *Wood Bark as Valuable Raw Material for Compounds with a Bioregulator Effect in Lemon Balm (Melissa officinalis L.) Plants*. Appl. Sci. 2019, 9: 3148, ISSN: 2076-3417, FI: 2,474, autor corespondent, doi.org/10.3390/app9153148: **15x (1+2,474) = 52,11**
18. **Tanase, C.**; Coșarcă, S.; Muntean, D.-L. *A Critical Review of Phenolic Compounds Extracted from the Bark of Woody Vascular Plants and Their Potential Biological Activity*. Molecules 2019, 24: 1182, ISSN: 1420-3049, FI: 3,267 (Q2), autor corespondent, doi: 10.3390/molecules24061182: **15x (1+3,267) = 64,005**

19. **Tanase C.**, Coșarcă S., Toma F., Mare A., Man A., Miklos A., Imre S., Boz I., *Antibacterial activities of beech bark (Fagus sylvatica L.) polyphenolic extract*, Environmental Engineering and Management Journal, 2018, 17(4), 877-884, ISSN: 1582-9596, FI:1,186: **15x (1+1,186) = 32,79**
20. **Tanase C.**, Talmaciu A., Bara C.I., Boz I., Volf I., Oroian S., Popa V. I., *New aspects of biomass waste valorization: spruce bark crude extracts as plant growth regulators*, BioResources, 2018, 13(2), 3994-4007, FI:1,396: **15x (1+1,396) = 35,94**
21. **Tanase C.**, Domokos E., Coșarcă S., Miklos A., Imre S., Domokos J., Dehelean C. A., *Study of the ultrasound-assisted extraction of polyphenols from beech (Fagus sylvatica L.) bark*, BioResources, 2018, 13(2), 3994-4007, FI:1,396: **15x (1+1,396) = 35,94**

Înainte de ultima promovare

22. **Tanase C.**, Coșarcă S., Toma F., Mare A., Coșarcă A., Man A., Miklos A., Imre S. *Antibacterial activities of spruce bark (Picea abies L.) extract and its components against human pathogens*. Revista de Chimie, 2018, 69(6), 1462-1467, FI: 1,605: **15x (1+1,605) = 39,075**
23. Coșarcă S., Roșca I., Coman A., Nagy Bota MC., **Tanase C.**, *Effect of treatment with saline solution (NaCl) on rape plants in presence of the hemp shives*. Revista de Chimie, 2017, 68(8): 1843-1846, FI: 1,412: **15x (1+1,412) = 36,18**
24. Boz I., Lobiuc A., **Tanase C.**, *Chemical composition of essential oils and secretory hairs of Thymus dacicus Borbás related to harvesting time*. Cellulose Chemistry and Technology, 2017, 51(9-10): 813-819, ISSN 0576-9787, FI: 0,764. (Q2): **15x (1+0,764) = 26,46**
25. **Tanase C.**, Oroian S., Cosarca S., Popa I.V. *Wastes from forestry and energy industries as potential bioregulators in soybean (Glycine max L.) plants*. Cellulose Chemistry and Technology, 2016, 50(5-6): 529-534, ISSN 0576-9787, FI: 0,763, (Q2) autor corespondent: **15x (1+0,763) = 26,445**
26. **Tanase C.**, Boz I., Popa I. V., *Histo-anatomic aspects on Zea mays L. influenced by spruce bark polyphenolic extract*, Romanian Biotechnological Letters, 2016, 21(1): 11238-11245, ISSN 1224-5984, FI: 0,381, autor corespondent: **15x (1+0,381) = 20,715**
27. **Tanase C.**, Bara C.I., Popa I.V., *Cytogenetical effect of some polyphenols compounds separated from industrial by-products on maize (Zea mays L.) plants*. Cellulose Chemistry and Technology, 2015, 49(9-10): 799-805, ISSN 0576-9787, FI: 0,562, (Q2), autor corespondent: **15x (1+0,562) = 23,43**
28. **Tanase C.**, Volf I., Popa I.V., *Enhancing copper and lead bioaccumulation in rapeseed by adding hemp shives as soil natural amendments*. Journal of Environmental Engineering and Landscape Management, 2014, 22(4): 245-253, ISSN 1648-6897, FI: 0,623: **15x (1+0,623) = 24,345**

29. **Tanase C.**, Boz I., Stingu A., Volf I. Popa V.I., *Physiological and biochemical responses induced by spruce bark aqueous extract and deuterium depleted water with synergistic action in sunflower (*Helianthus annuus* L.) plants*. Ind. Crop. Prod., 2014, 60: 160-167, FI: 2,837, (Q1), autor correspondent: $15x (1+2,837) = 57,555$
 30. **Tanase C.**, Volf I., Popa I.V., *Assessment of the sinergic regulator action of spruce bark extract and deuterium depleted water on maize (*Zea mays* L.) crops*. Environmental Engineering and Management Journal, 2013, 12(6): 1287-1294, ISSN 1843-3707, FI: 1,258, autor corespondent: $15x (1+1,258) = 33,87$
 31. **Tanase C.**, Vintu S., Volf I. Popa I.V., *Potential applications of wastes from energy and forestry industry in plant tissue culture*. Cellulose Chemistry and Technology, 2013, 47(7-8): 553-563, ISSN 0576-9787, FI: 0,833, (Q2), autor corespondent: $15x (1+0,833) = 27,495$
- b. Articole publicate în extenso în reviste cotate ISI , cu FI, co-autor (**Total = 20,854**)

După ultima promovare

32. Stegăruș D.I., Paladi C., Lengyel E., **Tanase C.**, Călugăr A., Niculescu V.C. *A viable strategy for the biodegradation of halogenated organic compounds from the wastewater mediated by *Pseudomonas putida**, Studia Ubb Chemia, 2021, 66(1): 143-152, ISSN: 1224-7154, FI: 0.447, DOI:10.24193/subbchem.2021.1.11, $15x (1+0,447)/6 = 3,617$
33. Liao B-Y., Li L., **Tanase C.**, Thakur K., Zhu D-Y., Zhang J-G., Wei Z-J. *The rheological behavior of polysaccharides sequential extracted from mulberry leaves (*Morus alba* L.)*, Agronomy 2020, 10(9): 1267; ISSN: 2073-4395, FI: 3.417, doi:10.3390/agronomy10091267: $15x (1+3,417)/7 = 9,465$
34. Coșarcă S.L., Moacă A.A., **Tanase C.**, Muntean D.L., Pavel I.Z., Dehelean C.A. *Spruce and beech bark aqueous extracts: source of polyphenols, tannins and antioxidants correlated to in vitro antitumor potential on two diferent cell lines*, Wood Science and Technology, 2019, 53: 313–333, ISSN: 0043-7719, FI:2.109, doi:10.1007/s00226-018-1071-5: $15x (1+2,109) = 7,772$

- c. Articole publicate în extenso în reviste B+ sau BDI , autor principal (**Total = 270 puncte**)

După ultima promovare

1. Coșarcă S., **Tanase C.**, Muntean DL. *Therapeutic aspects of catechin and its derivatives – an update*, Acta Biologica Marisiensis, 2019, 2(1): 21-29, ISSN: 2601 – 6141, doi:10.2478/abmj-2019-0001, autor corespondent, WorldCat, https://content.sciendo.com/view/journals/abmj/abmjoverview.xml?tab_body=overview: $1x10 = 10$ puncte

2. Oroian S., Sămărghițan M., Coșarcă S., Hirițiu M., Oroian F., **Tanase C.**, *Botanical survey of medicinal plants used in the traditional treatment of human disease in mountain hay meadows from Gurghiului Mountains*, Acta Biologica Marisiensis, 2019, 2(1): 38-46, ISSN: 2601 – 6141, WorldCat, <https://content.sciendo.com/view/journals/abmj/abmjoverview.xml?tab=body=overview>: doi:10.2478/abmj-2019-0005: **1x10 = 10 puncte**
3. Sămărghițan M., Oroian S., **Tanase C.** – *Contributions to the study of alien and invasive species in some protected areas in Mureș County, Romania*, Acta Horti Botanici Bucurestiensis, 2018, 45, 33-46, <https://ahbb.unibuc.ro/abstracting-and-indexing/>: **1x10 = 10 puncte**
4. **Tanase C.**, Boz I., Oroian S., Coșarcă S., Toma F., Mare A., Man A. *Antibacterial activity of spruce bark (Picea abies L.) extract against Escherichia coli*, Acta Biologica Marisiensis, 2018, 1(1), ISSN: 2601 – 6141, WorldCat, <https://content.sciendo.com/view/journals/abmj/abmjoverview.xml?tab=body=overview>: **1x10 = 10 puncte**

Înainte de ultima promovare

5. **Tanase C.**, Boz I., Coșarcă S., Coman A., Oroian S. *Spruce bark polyphenolic extract influences on sage (Salvia officinalis L.) internal structure*, Analele Științifice ale Universității „Al. I. Cuza” Iași s. II a. Biologie vegetală, 2017, 63(1-2): 5-11, ISSN: 1223-6578, BDI: Index Copernicus - <https://journals.indexcopernicus.com/search/details?jmlId=58&org>: **1x10 = 10 puncte**
6. Sămărghițan M., Oroian S., **Tanase C.** *Endemic species identified in the flora of the Transylvanian plain (Mureș county)*. Studia Universitatis “Vasile Goldiș”, Seria Științele Vieții, 2017, 27(2): 127-134, ISSN: 1584-2363, BDI: DOAJ - <https://doaj.org/toc/1842-7863>: **1x10 = 10 puncte**
7. Boz I., Burzo I., **Tanase C.** *The effect of harvesting time on essential oils composition of Thymus pannonicus L.* Analele Științifice ale Universității „Alexandru Ioan Cuza”, Secțiunea Genetică și Biologie Moleculară, 2017, 18(2), ISSN 1582-3571, BDI: DOAJ - <https://doaj.org/toc/1582-3571>: **1x10 = 10 puncte**
8. Oroian S., Sămărghițan M., **Tanase C.** *Plants species of community interest identified in the flora of the Transylvanian plain (Mureș county)*, Studia Universitatis “Vasile Goldiș”, Seria Științele Vieții, 2017, 27(2): 121-126, ISSN: 1584-2363, BDI: DOAJ - <https://doaj.org/toc/1842-7863>: **1x10 = 10 puncte**
9. **Tanase C.**, Boz I., Coșarcă S., Roșca I., Oroian S. *Valorization of wastes from forestry industry in the culture of sage (Salvia officinalis L.)*, Studia Universitatis “Vasile Goldiș” Seria Științele vieții, 2017, 27(1): 27-31, ISSN: 1584-2363, BDI: DOAJ - <https://doaj.org/toc/1842-7863>: **1x10 = 10 puncte**
10. **Tanase C.**, Popa I. V., *Potential bioregulators for rape (Brassica napus L.) plants*. Bulletin UASVM series Agriculture, 2016, 73(1): 140-141, ISSN: 1843-5246, BDI: EBSCO - <https://www.ebscohost.com/titleLists/e5h-coverage.htm>: **1x10 = 10 puncte**

11. **Tanase C.**, Coșarcă S., Oroian S., *Histo-anatomic aspects on Zea mays L., influenced by hemp shives polyphenolic extract*, Bulletin USAMV series Agriculture, 2016, 73(2): 317-322, ISSN: 1843-5246, BDI: EBSCO - <https://www.ebscohost.com/titleLists/e5h-coverage.htm>: **1x10 = 10 puncte**
12. Oroian S., Sămărghițan M., Hirițiu M., Coșarcă S., **Tanase C.**, *High nature value grasslands Arrhenatherion alliance identified in Mureș county*, Bulletin USAMV series Agriculture, 2016, 73(2): 280-286, ISSN: 1843-5246, BDI: EBSCO - <https://www.ebscohost.com/titleLists/e5h-coverage.htm>: **1x10 = 10 puncte**
13. Mircia E., **Tanase C.**, Vlad A. R., Hancu G., Kelemen H., Tilinca M., *Capillary electrophoresis in the analysis of hypolipidemic agents*, Studia Universitatis "Vasile Goldiș" Seria Științele vieții, 2016, 26(4): 403-409., ISSN: 1584-2363, autor corespondent, BDI: DOAJ - <https://doaj.org/toc/1842-7863>: **1x10 = 10 puncte**
14. Oroian S., Sămărghițan M., Hirițiu M., Coșarcă S., **Tanase C.**, *The diversity of medicinal and aromatic plants encountered in Natura 2000 6520 habitat from Gurghiu mountains*, J. Plant Develop., 2016, 23: 179-186, ISSN: 2065-3158, BDI: Index Copernicus - <https://journals.indexcopernicus.com/search/details?jmlId=3145>: **1x10 = 10 puncte**
15. **Tanase C.**, Popa I.V., *Peroxidase, superoxide-dismutase and catalase activity in corn plants developed under the influence of polyphenolic compounds and deuterium depleted water*. Analele Științifice ale Universității "Alexandru Ioan Cuza" din Iași, (Serie nouă), Genetică și Biologie Moleculară, 2014, 15(1): 7-12, ISSN 1582-3571, BDI: DOAJ - <https://doaj.org/toc/1582-3571>: **1x10 = 10 puncte**
16. **Tanase C.**, Volf I., Popa I.V., *Bioaccumulation of iron in rapeseed under natural amendments influence*. Analele Științifice ale Universității "Alexandru Ioan Cuza" din Iași, (Serie nouă), Genetică și Biologie Moleculară, 2014, 15(4): 65-70, ISSN 1582-3571, BDI: DOAJ - <https://doaj.org/toc/1582-3571>: **1x10 = 10 puncte**
17. **Tanase C.**, Boz I., Popa I.V., *Histo-anatomical aspects in maize (Zea mays L.) seedlings developing under influence of deuterium depleted water*. Analele Științifice ale Universității "Alexandru Ioan Cuza" din Iași, S II a. Biologie vegetală, 2014, 60(2): 5-10, ISSN 1582-3571, BDI: Index Copernicus - <https://journals.indexcopernicus.com/search/details?jmlId=58&org>: **1x10 = 10 puncte**
18. **Tanase C.**, Popa I.V., *Effect of natural products on some physiological processes of soybean plants (Glycine max L.)*. Lucrări științifice - seria Horticultură, editura "Ion Ionescu de la Brad" USAMV Iași, 2013, 56(1): 109-114, ISSN 1454-7376, BDI: CABI - http://www.uaiasi.ro/revista_horti/indexare.php: **1x10 = 10 puncte**
19. **Tanase C.**, Gîlcă I.A., Puițel A., Popa I.V. *Nanodispersion based on lignin as a growth regulators*. Lucrări științifice-seria Horticultură, editura "Ion Ionescu de la Brad" USAMV Iași, 2013, 56(2): 107-112, ISSN 1454-7376, BDI: CABI - http://www.uaiasi.ro/revista_horti/indexare.php: **1x10 = 10 puncte**

20. **Tanase C.**, Vantu S., Popa I.V., *In vitro effect of some industrial by-products on Lavandula angustifolia Mill. explant growth*. Analele Științifice ale Universității "Alexandru Ioan Cuza" din Iași, (Serie nouă), Genetică și Biologie Moleculară, 2013, 14(3): 13-18, ISSN 1582-3571, BDI: DOAJ - <https://doaj.org/toc/1582-3571>: **1x10 = 10 puncte**
21. **Tanase C.**, Stîngu A., Volf I., Popa I.V., *Deuterium depleted water and spruce bark extract bioregulators for maize and rape plants.*, Buletinul Institutului Politehnic din Iași, Secția Chimie și Inginerie Chimică, 2012, 58(2): 89-98, ISSN: 0254-7104, BDI: Index Copernicus - <https://journals.indexcopernicus.com/search/details?jmlId=3589&org>: **1x10 = 10 puncte**
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Semnătura,

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