

Списък на научните трудове на доц. д-р Марина Иванова Станилова,

във връзка с конкурса за професор

(извън свързаните с дисертацията и извън тези, с които е придобита хабилитация)

Монография в чужбина:

1. **Stanilova M.**, Molle E., Yanev S. (2010) Galanthamine Production by *Leucojum aestivum* Cultures In Vitro. In: **The Alkaloids: Chemistry and Biology** (G. Cordell, ed.) vol. 68, Chapter 5, pp. 167-270. ISSN: 1099-4831.

Публикации в реферирани и индексирани списания с импакт фактор IF (Web of Science) и/или импакт ранг SJR (Scopus):

2. Gorgorov R., **Stanilova M.**, Vitkova A. (2011) In vitro cultivation of some endemic and rare *Alchemilla* species in Bulgaria. **Roman. Biotech. Let.**, 16(6): 65-70. ISSN 1224-5984. (SJR 0.188, Q3; IF 0.349, Q4)
3. **Stanilova M.**, Gorgorov R., Trendafilova A., Nikolova M., Vitkova A. (2012) Influence of nutrient medium composition on in vitro growth, polyphenolic content and antioxidant activity of *Alchemilla mollis*. **Nat. Prod. Commun.**, 7(6): 761-766. P-ISSN: 1934-578X, E-ISSN: 1555-9475. (SJR 0.449, Q1; IF 1.242, Q)
4. **Stanilova M.**, Gorgorov R., Vitkova A. (2012) In vitro cultivation of *Alchemilla mollis* (Rosaceae) in Bulgaria. **Acta Horticulturae**, 955: 237-242. ISSN: 05677572. (SJR 0.215, Q3)
5. Gorgorov R., Traykova B., **Stanilova M.** (2015) Ex situ conservation of *Centaurea davidovii* Urum.: an in vitro approach. **Compt. rend. Acad. Bulg. Sci.**, 68(10): 1265-1270. ISSN: 1310-1331. (SJR 0.205, Q3; IF 0.204, Q4)
6. Trendafilova A., Jadrantin M., Gorgorov R., **Stanilova M.** (2015) Bioactive Compounds in Wild, In vitro Obtained, Ex vitro Adapted, and Acclimated Plants of *Centaurea davidovii* (Asteraceae). **Nat. Prod. Commun.**, Vol. 10, No. 6, 839 – 841. (SJR 0.324, Q2; IF 1.242, Q)
7. Doycheva I., Philipov S., **Stanilova M.** (2017) Evaluation of glaucine content in Bulgarian Black Sea Coast localities of *Glaucium flavum* Cranz. (Papaveraceae), **Nat. Prod. Commun.**, 12(2): 157-158. (SJR 0.351, Q2; IF 0.906, Q)
8. Doycheva I., Yankova-Tsvetkova E., **Stanilova M.** (2017) Somatic embryogenesis induction in *Glaucium flavum* Crantz. (Papaveraceae). **Compt. Rend. Acad. Bulg. Sci.** 70(4): 525-530. ISSN:1310-1331, ISI (SJR 0.21, Q2; IF 0.270, Q4)
9. Doncheva T., **Stanilova M.**, Vutov V., Philipov S. (2017) Alkaloids of Seeds, in vitro Cultivated, and ex vitro Adapted Plants of the Bulgarian Endemic Species *Papaver*

- degenii* (Papaveraceae), **Nat. Prod. Communic.**, 12(3): 359-361. (SJR 0.351, Q2; IF 0.906, Q4)
10. Nikolova M., Berkov S., Doycheva I., Stoyanov S., **Stanilova M.** (2018) GC/MS based metabolite profiling of five populations of *Glaucium flavum* from Bulgaria. **Acta zoologica bulgarica**, Supl. 11: 91-94. ISSN 0324-0770 (IF 0.369, Q4)
 11. Yankova-Tsvetkova E., Ilieva I., **Stanilova M.**, Stoyanov S., Sidjimova B. (2018) Reproductive biology of the endangered Bulgarian endemic *Centaurea achtarovii* (Asteraceae). **Biologia**, 73(12): 1163-1175. DOI: 10.2478/s11756-018-0126-2 ISSN: 0006-3088 (Print) 1336-9563 (Online) (IF 0.696, Q4)
 12. **Stanilova M.** (2018) Conservation of Endemic and Endangered Medicinal Plant Species by Means of Plant Biotechnology. **In Vitro Cellular & Developmental Biology-Plant**, 54: 74-75. eISSN 1475-2689 (SJR 0.447 Q2; IF 1.057, Q3) 14th Quadrennial Congress of the IAPB, Dublin, Ireland, August 2018. (Guest Eds: Prestwich B.D. & Lettice E.) <https://link.springer.com/journal/11627/volumes-and-issues/54-1/supplement>
 13. Traykova B., **Stanilova M.**, Nikolova M., Berkov S. (2019) Growth and Essential Oils of *Salvia officinalis* Plants Derived from Conventional or Aeroponic Produced Seedlings. **Agriculturae Conspectus Scientificus**, 84(1): 77-81, ISSN 1331-7776 (SJR 0.164, Q3)
 14. Ilinkin V., Yankova-Tsvetkova E., **Stanilova M.** (2020) Germination and viability of seeds of *Tanacetum cinerariifolium* (Asteraceae). **Compt. Rend. Acad. Bulg.**, 73(7): 963-968. (SJR 0.205, Q2; IF 0.231, Q4)
 15. Traykova, B. **Stanilova M.** (2020) Soilless Propagation of *Haberlea rhodopensis* Friv. Using Different Hydroponic Systems and Substrata. **Ecologia Balkanica**, 12(1): 111-121. ISSN 13140213, 13139940. (SJR 0.144, Q4)
 16. Ananieva K., Gesheva E., Mishev K., **Stanilova M.**, Doncheva S. (2020) Antioxidant capacity of two endemic *Verbascum* species, **Compt. Rend. Acad. Bulg.**, 73(6): 809-815. (SJR 0.244 Q2; IF 0.378, Q4)
 17. Traykova B., Grigorova I., **Stanilova M.**, Molle E., Yankova-Tsvetkova E. (2020) *Alkanna tinctoria*: an approach toward *ex situ* cultivation. **Ecologia Balkanica**, SE 3: 107-115. ISSN:1313-99401 (SJR 0.144 Q4)
 18. Petrova M., Zayova E., Geneva M., Dimitrova L., Vitkova A., **Stanilova M.** (2021) Multiplication and conservation of threatened medicinal plant *Arnica montana* L. by in vitro techniques. **Agriculturae Conspectus Scientificus**, 86(1): 57-65, ISSN 1331-7776 (SJR 0.166, Q4)
 19. Berkov S., Georgieva L., Sidjimova B., Nikolova M., **Stanilova M.**, Bastida J. (2021) In vitro propagation and biosynthesis of Sceletium-type alkaloids in *Narcissus palidullus* and *Narcissus* cv.Hawera. **South African Journal of Botany**, 136: 190-194. (SJR 0.504 for 2020, Q2; IF 2.315 for 2020, Q2) <https://doi.org/10.1016/j.sajb.2020.07.036>

20. Kozhuharova A., **Stanilova M.**, Nikolova M., Denev R., Berkov S. (2021) Glycyrrizin and flavonoid contents of the Bulgarian *Glycyrrhiza glabra* population. **Comptes rendus de l'Académie bulgare des Sciences**, 74(7): 987-994. ISSN 2367–5535, (SJR **0.244** for 2020, **Q2**; IF 0.378 for 2020, **Q4**) DOI: 10.7546/CRABS.2021.07.05
21. Doycheva, I., **Stanilova, M.** (2021) A comparative study on callus induction and indirect morphogenesis in two Papaveraceae species. **Ecologia Balkanica**, 13(2): 155-159 (SJR **0.14**, **Q4**)
22. Doycheva, I., Philipov, S., **Stanilova, M.** (2021) Influence of elicitation on *Glaucium flavum* cultures in in vitro conditions. **Compt. Rend. Acad. Bulg. Sci.** (in press) (SJR **0.244** for 2020, **Q2**; IF 0.378 for 2020, **Q4**)
23. Traykova B., Molle E., **Stanilova M.** (2022) In vivo and in vitro bulb multiplication of *Lilium rhodopaeum* Delip. and growth acceleration using hydroponic technologies. **In Vitro Cellular & Developmental Biology-Plant** (IF **2.252** for 2020, **Q2**; SJR 0.495 for 2020, **Q2**) (published: 10 January 2022) <https://doi.org/10.1007/s11627-021-10231-y>
24. Nikolova M., Ilinkin V., Yankova-Tsvetkova E., Stanilova M., Berkov S. (2022) GC/MS based metabolite profiling and biological activity of leaves and flower heads of *Tanacetum cinerariifolium* (Trevir.) Sch.Bip. **Chiang Mai University Journal of Natural Sciences**, 21(3): e2022038 (SJR **0.173** for 2020, **Q3**)

Публикации в реферирани и индексирани списания без кватили

25. Gorgorov R., Yankova E., Baldjiev G., Apostolova I., Yurukova-Grancharova P., **Stanilova M.** (2011) Reproductive capacity and in vitro cultivation of the glacial relict *Papaver degenii* (Papaveraceae). **Phytol. Balc.**, 17(3):333-340. P-ISSN: 1310-7771, E-ISSN: 1314-0027.
26. Petrova M, Zayova E, Todorova M, **Stanilova M.** (2014) Enhancement of *Arnica montana* in vitro shoot multiplication and sesquiterpene lactones production using Temporary immersion system. **International Journal of Pharmaceutical Sciences and Research**. 5(12): 5170-5176. DOI: [http://dx.doi.org/10.13040/IJPSR.0975-8232.5\(12\).5170-76](http://dx.doi.org/10.13040/IJPSR.0975-8232.5(12).5170-76) E-ISSN: 0975-8232; P-ISSN: 2320-5148.
27. Traykova B., Bancheva S., Gorgorov R., Delcheva M., **Stanilova M.** (2015) *Ex situ* and *in situ* conservation of *Centaurea pseudaxillaris* (Asteraceae) by means of plant biotechnology. **Journal of BioScience and Biotechnology**. SE/Online: 137-145
28. Nikolova A., Chunchukova M., Alipieva K., **Stanilova M.** (2017) Effect of plant growth regulators on structure and biosynthetic capacity of *in vitro* roots of *Valeriana officinalis* L. **Phytologia Balcanica**, 23(3): 349-356
29. Nikolova M., Berkov S., Dimitrova M., Sidjimova B., Stoyanov S., **Stanilova M.** (2017) Phenolic acid profiles of endemic species *Verbascum anisophyllum* and *Verbascum davidoffii*. **J. BioSci. Biotechnology**, 6(3): 163-167.

30. Kozhuharova, A., **Stanilova, M.** (2017) In vitro cultures initiation from seeds of Bulgarian localities of *Glycyrrhiza glabra* (Fabaceae). **Journal of BioScience and Biotechnology**, Plovdiv University Press "Paisii Hilendarski", SE 2017 online 25-30, ISSN:1314-6246

Публикации в национални списания:

31. **Stanilova M.**, Stoyanov S., Sidzhimova B., Traykova B. (2016) Preservation of the Bulgarian endemic *Verbascum davidoffii* (Scrophulariaceae) by means of *in vitro* propagation. *Annuaire de l'Université de Sofia "St. Kliment Ohridski" Faculte de Biologie*, **Proceed.** First Nat. Conf. Reintroduction of Conservation-reliant Species, Sofia 2015. University Press, Sofia 2016, pp. 63-70.
32. Petrova G., **Stanilova M.**, Bancheva S., Petrov S. (2016) Inter-Simple Sequence Repeat Analysis of Genetic Fidelity in *in vitro* Micropropagated Plants of the endangered plant species *Centaurea davidovii* Urum. (Asteraceae). *Annuaire de l'Université de Sofia "St. Kliment Ohridski" Faculte de Biologie*, **Proceed.** First Nat. Conf. Reintroduction of Conservation-reliant Species, Sofia 2015. University Press, Sofia 2016, pp. 71-78.

Публикации в сборници от конференции:

33. Gorgorov R., **Stanilova M.**, Bancheva S. (2011) *In vitro* cultures of Balkan and Bulgarian endemic *Centaurea* species. *Proceedings of the 4th International Symposium "New research in biotechnology" USAMV Bucharest, Romania, 2011.* ISSN 1224-7774
34. **Stanilova M.**, Gorgorov R., Beeva Y., Vitkova A. (2013) Acclimation of *in vitro* produced *Alchemilla* plants. **Proceedings Seminar of Ecology**, 25-26 April 2013. Section "Biology" – Union of scientists in Bulgaria, Sofia, pp. 89-95.
35. Doycheva I., Philipov S., **Stanilova M.** (2014) Determination of the alkaloid glaucine in four Bulgarian populations of *Glaucium flavum* (Papaveraceae), **Proceedings of Seminar of Ecology - Sofia**, 2014, pp.17-21.
36. Kozhuharova A., Perchekliyski M., Traykova B., **Stanilova M.** (2015) *In vitro* micropropagation of *Dianthus sp.* (Caryophyllaceae). *Proceed. Seminar of Ecology-2015*, pp 33-41.
37. Genova, E., **Stanilova, M.**, Traykova, B. (2016) Medicinal Plants in Bulgaria - Current State and Perspectives. The 12 National Symposium with International Participation September 6-9, 2016, Piatra Neamt, Romania, *Proceeding of Abstracts*, ISSN:Print ISSN 1223-6578, 38-39 (short communication)
38. Boycheva I., Stoyanov S., Sidzhimova B., Traykova B., **Stanilova M.** (2016) Seed germination and *ex situ* conservation of *Verbascum anisophyllum* Murb. (Scrophulariaceae) *Proceed. Seminar of Ecology*, 70-72. (short communication)
39. Kozhuharova A., Traykova B., **Stanilova M.** (2016) *In vitro* clonal propagation of *Valeriana officinalis* L. (Valerianaceae) *Proceed. Seminar of Ecology* (short communication)

40. Traykova B., Stanilova M. (2017) Enhancement of seed germination and growth of *Echinacea purpurea* (Asteraceae) Seminar of Ecology, pp. 88-95.
41. Kozhuharova A., Nikolova M., Stanilova M. (2017) Comparative analyses of flavonoids in roots of three Bulgarian and one Ukrainian *Glycyrriza glabra* L. populations Seminar of Ecology, pp. 39-44.
42. Stanilova M., Traykova B., Mincheva I., Yankova-Tsvetkova E. (2021) Soilless propagation of wild Ericaceae medicinal shrubs. Macedonian Pharmaceutical Bulletin, 66(2): (in press) (short communication)

Общо 42 публикации, от които 1 монография в чужбина, 23 в реферирани и индексирани списания с импакт фактор и/или импакт ранг, 6 в реферирани и индексирани списания без квартали, 2 в национални списания и 10 в сборници от конференции (от които 6 в пълен текст и 4 кратки съобщения).