

Списък с цитиранията на гл. ас. д-р Иванка Божкова Семерджиева във Web of Science и Scopus

Група показател Д - Цитирания в научни издания, монографии, колективни томове и патенти, реферирани и индексирани в световно известни бази данни с научна информация (Web of Science и Scopus). X 2т за цитат.

1. Semerdjieva, I., Petrova, G., Yankova-Tsvetkova, E., Doncheva, T., Kostova, N., Nikolova, R., Zheljazkov, V., 2020. Genetic diversity, reproductive capacity and alkaloids content in three endemic *Alkanna* species. Plos One. (IF: 2.740). <https://doi.org/10.1371/journal.pone.0233516>. Q-1.

Цитирана в:

I. Hamedani, S.G., Asri, Y., Mehregan, I. 2021. Genetic diversity and population structure of Iranian Ephedra Major. Rostaniha, 21(2): 231-247. 10.22092/BOTANY.2020.351724.1217. (SCOPUS).

2. Semerdjieva, I., Zheljazkov, V., Cantrel, Ch., Astatkie, T., Abbas A., 2020. Essential Oil Yield and Composition of the Balkan Endemic *Satureja pilosa* Velen. (Lamiaceae). Molecules, 25(4), 827. (IF: 3.267). <https://doi.org/10.3390/molecules25040827>.

Цитирана в:

2. Rahmani, S., Azimi, S. 2020. Fumigant toxicity of three *Satureja* species on tomato leafminers, *Tuta absoluta* (Meyrick) (Lepidoptera: Gelechiidae). Toxin reviews, DOI: 10.1080/15569543.2020.1767651. (Q2; IF: 2.851).

3. Fathi, R., Mohebodini, M., Chamani, E., Sabaghni, N. 2021. Morphological and phytochemical variability of *Satureja hortensis* L. accessions: An effective opportunity for industrial production. Industrial Crops & Products, 162, 113232. <https://doi.org/10.1016/j.indcrop.2020.113232>. (Q1; IF: 4.244).

4. Silva Araújo Luz, T.S., Santos Silvade, L., Mendonça do Amaral, F.M., Fernandes Coutinho, D. 2020. Essential oils and their chemical constituents against *Aedes aegypti* L. (Diptera: Culicidae) larvae. Acta Tropica, 212, 105705. <https://doi.org/10.1016/j.actatropica.2020.105705>. (Q1; IF: 2.855).

3. Semerdjieva, I., Sidjimova, B., Yankova-Tsvetkova, E., Kostova, M., Zheljazkov, V., 2019. Study on *Galanthus* species in the Bulgarian flora. Heliyon, 5(22): e03021. (SJR 0.432). <https://doi.org/10.1016/j.heliyon.2019.e03021>. Q-1.

Цитирана в:

5. Kong, C.K., Low, L.E., Siew, W.S., Yap, W.H., Khaw, K.Y., Ming, L.C., Mocan, A., Goh, B.H., Goh, P.H. 2021. Biological Activities of Snowdrop (*Galanthus* spp., Family Amaryllidaceae). Frontiers in Pharmacology, 11. DOI: 10.3389/fphar.2020.552453. (Q1; IF: 4.225).

4. Semerdjieva, I., Burducea, M., Astatkie, T., Zheljazkov, V., Dincheva, I., 2019. Essential Oil Composition of *Ruta graveolens* L. and *Hyssopus officinalis* subsp. *aristatus* (Godr.) Nyman as a Function of Hydrodistillation Time. Molecules, 24(22), 4047. (IF: 3.267). <https://doi.org/10.3390/molecules24224047>.

Цитирана в:

6. Koziol, E., Luca, S.V., Agalar, H.G., Saglik, B.N., Demirci, F., Marcourt, L., Wolfender, J.L., Jozwiak, K., Skalicka-Wozniak, K. 2020. Rutamarin: Efficient Liquid-Liquid Chromatographic Isolation from *Ruta graveolens* L. and Evaluation of Its In Vitro and In Silico MAO-B Inhibitory Activity. Molecules, 25 (11): DOI: 10.3390/molecules25112678. (Q2; IF:3.267).

7. Lopes, A.L.F., Monteiro, M., Araujo, A.R.L., Rodrigues, A.R.O., Castanheira, E.M.S., Pereira, D.M., Olim, P., Fortes, A.G., Goncalves, M.S.T. 2020. Cytotoxic Plant Extracts towards Insect Cells: Bioactivity and Nanoencapsulation Studies for Application as Biopesticides. Molecules, 25(24). DOI: 10.3390/molecules25245855. (Q2; IF: 3.267).

8. Zagorcheva, T., Rusanov, K., Rusanova, M., Aneva, I., Stancheva, I., Atanassov, I. 2020. Biotechnology & Biotechnological Eq., 34(1): 1265-1272. DOI: 10.1080/13102818.2020.1835537. (Q4; IF: 1.186).

9. Wang, H., Pan, H., Wang, C., Fang, D., Hu, Q., Ma, N. 2021. Differences in Characteristic Volatile Substances in Different Cultivars of *Flammulina filiformis*. Shipin Kexue/Food Science, 42(2): 193-199. ISSN:1002-6630. (SJ: 0.123).

5. **Semerdjieva, I., Zheljazkov, V., 2019. Chemical Constituents, Biological Properties, and Uses of *Tribulus terrestris*: A Review. Natural Product Communications, 1–26. (IF: 0.468). <https://doi.org/10.1177/1934578X19868394>.**

Цитирана в:

10. Ahmed, A., Hameed, A., Saeed, S., 2020. Biochemical profile and bioactive potential of thirteen wild folk medicinal plants from Balochistan, Pakistan. Plos One, 15(8), DOI: 10.1371/journal.pone.0231612. (Q1; IF: 2.74).

11. Sulaiman, Shah, S., Khan, S., Bussmann, R.W., Ali, M., Hussain, D., Hussain, W., 2020. Quantitative Ethnobotanical Study of Indigenous Knowledge on Medicinal Plants Used by the Tribal Communities of Gokand Valley, District Buner, Khyber Pakhtunkhwa, Pakistan. Plants, 9 (8), DOI: 10.3390/plants9081001. (Q1; IF: 2.762).

12. Stefanescu, R., Tero-Vescan, A., Negroiu, A., Aurica, E., Vari, CE., 2020. A Comprehensive Review of the Phytochemical, Pharmacological, and Toxicological Properties of *Tribulus terrestris* L. Biomolecules, 10(5), DOI: 10.3390/biom10050752. (Q2; IF: 4.082).

13. Affaf, A., Karpenko, Y.N., Gulyaev, D.K., Belonogova, V.D., Molokhova, E.I., Blinova, O.L., Gileva, A.A., 2019. Phytochemical study of *Tribulus terrestris* L. Pharmacy & Pharmacology-Farmatsiya I Farmakologiya, 7 (6): 346-355. DOI: 10.19163/2307-9266-2019-7-6-346-355.

14. Fereydouni, Z., Fard, E.A., Mansouri, K., Motlagh, H.R.M., Mostafaie, A. 2020. Saponins from *Tribulus terrestris* L. Extract Down-regulate the Expression of ICAM-1, VCAM-1 and E-selectin in Human Endothelial Cell Lines. International Journal of Molecular and cellular medicine, 9(1): 73-82. DOI: 10.22088/IJMC.MBUMS.9.1.73. (Q3).

15. Philips, C.A., Ahamed, R., Rajesh, S., George, T., Mohanan, M., Augustine, P. 2020. Comprehensive review of hepatotoxicity associated with traditional Indian Ayurvedic herbs. World Journal of Hepatology, 12(9), 574-595. E-ISSN:1948-5182. (SJ: 897).

16. Farhan, A.S. 2020. Effects of *Tribulus terrestris* Fruits on Renal and Lung Tissues in Female Mice Administered with Cadmium. World's Veterinary Journal, 10(3): 414-420. E-ISSN:2322-4568. (SJ: 0.136).

6. **Semerdjieva, I., Zheljazkov, V., Radoukova, T., Radanović, D., Marković, T., Dincheva, I., Stoyanova, A., Astatkie, T., Kačániová, M., 2019. Essential oil yield, composition, bioactivity and leaf morphology of *Juniperus oxycedrus* L. from Bulgaria and Serbia. Biochemical Systematics and Ecology 84, 55–63. (IF: 1.085). <https://doi.org/10.1016/j.bse.2019.04.001>.**

Цитирана в:

17. Najar, B., Pistelli, L., Mancini, S., Fratini, F., 2020. Chemical composition and in vitro antibacterial activity of essential oils from different species of *Juniperus* (section *Juniperus*). Flavour and Fragrance Journal, DOI: 10.1002/ffj.3602. (Q3; IF: 1.598).

18. Cheraif, K., Bakchiche, B., Gherib, A., Bardaweel, S.K., Ayvaz, M.C., Flamini, G., Ascrizzi, R., Ghareeb, MA., 2020. Chemical Composition, Antioxidant, Anti-Tyrosinase, Anti-Cholinesterase and Cytotoxic Activities of Essential Oils of Six Algerian Plants. Molecules, 25 (7), DOI: 10.3390/molecules25071710. (Q2; IF: 3.267).

19. Ghaffari, T., Kafil, H.S., Asnaashari, S., Farajnia, S., Delazar, A., Baek, S.C., Hamishehkar, H., Kim, K.H., 2019. Chemical Composition and Antimicrobial Activity of Essential Oils from the Aerial Parts of *Pinus eldarica* Grown in Northwestern Iran. Molecules, 24 (17), DOI: 10.3390/molecules24173203. (Q2; IF: 3.267).

20. Najar, B., Pistelli, L., Buhagiar, J. 2020. Volatilomic Analyses of Tuscan *Juniperus oxycedrus* L. and in vitro Cytotoxic Effect of Its Essential Oils on Human Cell Lines. Journal of essential oil bearing plants, 24(4): 756-771. DOI: 10.1080/0972060X.2020.1823891. (Q4; IF: 0.824).

7. **Semerdjieva, I., Shiwakoti, I. Cantrell, Ch., Zheljazkov, V., Astatkie, T., Schlegel, V., Radoukova, T., 2019. Hydrodistillation Extraction Kinetics Regression Models for Essential**

Oil Yield and Composition in *Juniperus virginiana*, *J. excelsa*, and *J. sabina*. *Molecules*, 24, 986. (IF: 3.098). doi:[10.3390/molecules24050986](https://doi.org/10.3390/molecules24050986).

Цитирана в:

21. Zazharskyi, V.V., Davydenko, P.O., Kulishenko, O.M., Borovik, I.V., Kabar, A.M., Brygadyrenko, V.V., 2020. Antibacterial and fungicidal effect of ethanol extracts from *Juniperus sabina*, *Chamaecyparis lawsoniana*, *Pseudotsuga menziesii* and *Cephalotaxus harringtonia*. *Regulatory mechanisms in Biosystems*, 11 (1): 105-109. DOI: 10.15421/022015.

22. Meziane, I.A.A., Bali, N., Belblidia, N.B., Abatzoglou, N., Benyoussef, E.H., 2019. The first-order model in the simulation of essential oil extraction kinetics. *Journal of Applied Research on Medicinal and Aromatic Plants*, 15, DOI: 10.1016/j.jarmap.2019.100226. (Q2; IF: 1.857).

23. Farhi, B., Bouadam, S., Bekdouche, F., Krouchi, F., Derridj, A. 2020. Chemical composition of the essential oil extracted from Algerian populations of *Juniperus sabina* L. *Studia Universitatis Vasile Goldis Arad, Seria Stiintele Vietii*, 30(1): 33-40. ISSN:1584-2363E-ISSN:1842-7863. (SJR: 0.118).

8. Zheljazkov, V., Kacaniova, M., Dincheva, I., Radoukova, T., **Semerdjieva, I.**, Astatkie, T., Schlegel, V., 2018. Essential oil, composition, antioxidant and antimicrobial activity of the galbuli of six juniper species. *Industrial Crops & Products*, 124, 449–458. (IF:3.849). [10.1016/j.indcrop.2018.08.013](https://doi.org/10.1016/j.indcrop.2018.08.013)

Цитирана в:

24. Olech, M., Nowak, R., Ivanova, D., Tashev, A., Boyadzhieva, S., Kalotova, G., Angelov, G., Gawlik-Dziki, U. 2020. LC-ESI-MS/MS-MRM Profiling of Polyphenols and Antioxidant Activity Evaluation of *Junipers* of Different Origin. *Applied Sciences-Basel*, 10(24). DOI: 10.3390/app10248921. (Q2; IF: 2.474).

25. Najar, B., Pistelli, L., Mancini, S., Fratini, F., 2020. Chemical composition and in vitro antibacterial activity of essential oils from different species of *Juniperus* (section *Juniperus*). *Flavour and Fragrance Journal*, DOI: 10.1002/ffj.3602. (Q3; IF: 1.598).

26. Cheraif, K., Bakchiche, B., Gherib, A., Bardaweel, S.K., Ayvaz, M.C., Flamini, G., Ascrizzi, R., Ghareeb, MA., 2020. Chemical Composition, Antioxidant, Anti-Tyrosinase, Anti-Cholinesterase and Cytotoxic Activities of Essential Oils of Six Algerian Plants. *Molecules*, 25(7), DOI: 10.3390/molecules25071710. (Q2; IF: 3.267).

27. Liu, S.S., Liu, Z.X., Wei, H., Yin, Y.Y., Zhang, Q.W., Yan, L.H., Wang, Z.M., Yang, L.X., 2019. Chemical compositions, yield variations and antimicrobial activities of essential oils from three species of *Euodiae Fructus* in China. *Industrial crops and products*, 138, DOI: 10.1016/j.indcrop.2019.111481. (Q1; IF: 4.244).

28. Kocic-Tanackov, S., Dimic, G., Jaksic, S., Mojovic, L., Djukic-Vukovic, A., Mladenovic, D., Pejin, J., 2019. Effects of caraway and juniper essential oils on aflatoxigenic fungi growth and aflatoxins secretion in polenta. *Journal of food processing and preservation*, 43(12), DOI: 10.1111/jfpp.14224. (Q3; IF: 1.405).

29. Khatamian, N., Tabrizi, M.H., Ardalan, P., Yadamani, S., Maragheh, A.D., 2019. Synthesis of *Carum carvi* essential oil nanoemulsion, the cytotoxic effect, and expression of caspase 3 gene. *Journal of Food Biochemistry*, 43(8), DOI: 10.1111/jfbc.12956. (Q3; IF: 1.663).

30. Fernandez-Acosta, K., Salmeron, I., Chavez-Flores, D., Perez-Reyes, I., Ramos, V., Ngadi, M., Kwofie, E.M., Perez-Vega, S., 2019. Evaluation of different variables on the supercritical CO₂ extraction of oat (*Avena sativa* L.) oil; main fatty acids, polyphenols, and antioxidant content. *Journal of Cereal Science*, 88: 118-124. DOI: 10.1016/j.jcs.2019.05.017. (Q2; IF: 2.938).

31. Najar, B., Pistelli, L., Buhagiar, J. 2020. Volatilomic Analyses of Tuscan *Juniperus oxycedrus* L. and in vitro Cytotoxic Effect of Its Essential Oils on Human Cell Lines. *Journal of Oil Bearing plants*, 23(4): 756-771. DOI: 10.1080/0972060X.2020.1823891. (Q4; IF: 0.824).

32. Ozdemir, S., Gulsoy, S., Mert, A. 2020. Predicting the Effect of Climate Change on the Potential Distribution of Crimean *Juniper*. *Kastamonu University Journal of Forestry Faculty*, 20(2): 133-142. DOI: 10.17475/kastorman.801847.

33. Huang, K., Liu, R., Zhang, Y., Guan, X. 2021. Characteristics of two cedarwood essential oil emulsions and their antioxidant and antibacterial activities. *Food Chemistry*, 346, 128970. ISSN:0308-8146E-ISSN:1873-7072. (SJR: 1.775).

34. Ghasemnezhad, A., Ghorbanzadeh, A., Sarmast, M.K., Ghorbanpour, M. 2020. A review on botanical, phytochemical, and pharmacological characteristics of iranian junipers (*Juniperus* spp.). Plant-derived Bioactives: Production, Properties and Therapeutic Application, (book chapter), Pages 493-508.

9. Radoukova, C., Zheljazkov, V., **Semerdjieva, I.**, Dincheva, I., Stoyanova, A., Kačániová, M., Markovič, T., Radanovič, D., Astatkie, T., Salamon, I., 2018. Differences in essential oil yield, composition, and bioactivity of three juniper species from Eastern Europe. Industrial Crops & Products, 124, 643-652. (IF: 3.849). DOI: 10.1016/j.indcrop.2018.08.012.

Цитирана в:

35. Al-Suwaiegh, S.B., Morshedy, S.A., Mansour, A.T., Ahmed, M.H., Zahran, S.M., Alnemr, T.M., Sallam, S.M.A. 2020. Effect of an Essential Oil Blend on Dairy Cow Performance during Treatment and Post-Treatment Periods. Sustainability, 12(21). DOI: 10.3390/su12219123. (Q2; IF: 2.576).

36. Rajcevic, N., Dodos, T., Novakovic, J., Borsic, I., Janackovic, P., Marin, P.D., 2020. Differentiation of North-Western Balkan *Juniperus communis* L. (Cupressaceae) populations - ecological and chemophenetic implications. Journal of Essential oil Research, DOI: 10.1080/10412905.2020.1805038. (Q3; IF: 1.148).

37. Tomovic, Sojic, B., Savanovic, J., Kocic-Tanackov, S., Pavlic, B., Jokanovic, M., Dordevic, V., Parunovic, N., Martinovic, A., Vujadinovic, D., 2020. New Formulation towards Healthier Meat Products: *Juniperus communis* L. Essential Oil as Alternative for Sodium Nitrite in Dry Fermented Sausages. Foods, 9(8), DOI: 10.3390/foods9081066. (Q1; IF: 4.092).

38. Karalija, E., Dahija, S., Paric, A., Zeljkovic, S.C., 2020. Phytotoxic potential of selected essential oils against *Ailanthus altissima* (Mill.) Swingle, an invasive tree. Sustainable Chemistry and Pharmacy, 15, DOI: 10.1016/j.scp.2020.100219. (Q2; IF: 2.294).

39. Kumar, R., Tsvetkov, D.E., Varshney, V.K., Nifantiev, N.E., 2020. Chemical constituents from temperate and subtropical trees with reference to knotwood. Industrial Crops & Product, 145, DOI: 10.1016/j.indcrop.2019.112077. (Q1; IF: 4.244).

40. Marschner, C., Krockenberger, M.B., Higgins, D.P., Mitchell, C., Moore, B., 2019. Ingestion and Absorption of Eucalypt Monoterpenes in the Specialist Feeder, the Koala (*Phascolarctos cinereus*). Journal of Chemical Ecology, 45 (9): 798-807. DOI: 10.1007/s10886-019-01097-x. (Q2; IF: 2.177).

41. Ivic, M., Tomovic, V., Jokanovic, M., Skaljac, S., Sojic, B., 2019. The influence of cooking methods and juniper essential oil on lipid oxidation in pork chops. 60TH INTERNATIONAL MEAT INDUSTRY CONFERENCE MEATCON 2019, Edited by: Furnols, MFI; Lakicevic, B., Book Series: IOP Conference Series-Earth and Environmental Science, Volume: 333, DOI: 10.1088/1755-1315/333/1/012064.

42. Ghasemnezhad, A., Ghorbanzadeh, A., Sarmast, M.K., Ghorbanpour, M. 2020. A review on botanical, phytochemical, and pharmacological characteristics of iranian junipers (*Juniperus* spp.). Plant-derived Bioactives: Production, Properties and Therapeutic Application, (book chapter), Pages 493-508.

10. Nedelkovski, D., **Semerdjieva, I.**, Roychev, V., Mokreva, T., 2018. Effect of the altitude and summer pruning on the anatomical structure of grape berry exocarp of Vranec cultivar (*Vitis vinifera* L.). Bulgarian journal of Agricultural science, vol. 24 (2), 223-228. ISSN 2534-983X – online. (SJR 0.223).

Цитирана в:

43. Mercenaro, L., de Oliveira, A.F., Cocco, M., Nieddu, G., 2019. Yield and grape quality of three red grapevine cultivars (*Vitis vinifera* L.) in relation to altimetry. CO.NA.VI. 2018 - 7 CONVEGNO NAZIONALE DI VITICOLTURA, Edited by: Poni, S., Book Series: BIO Web of Conferences, Volume: 13. DOI: 10.1051/bioconf/20191302002.

11. Zheljazkov, V., **Semerdjieva, I.**, Dincheva, I., Kacaniova, M., Astatkie, T., Radoukova, T., Schlegel, V., 2017. Antimicrobial and antioxidant activity of Juniper galbuli essential oil constituents eluted at different times. Industrial Crops & Products, 109, 529–537. (IF: 3.181). [10.1016/j.indcrop.2017.08.057](https://doi.org/10.1016/j.indcrop.2017.08.057).

Цитирана в:

44. Al-Suwaiegh, S.B., Morshedy, S.A., Mansour, A.T., Ahmed, M.H., Zahran, S.M., Alnemr, T.M., Sallam, S.M.A. 2020. Effect of an essential oil blend on dairy cow performance during treatment and post-treatment periods. *Sustainability*, 12(21). DOI: 10.3390/su12219123. (Q2; IF: 2.576).
45. Krichen, F., Hamed, M., Karoud, W., Bougatef, H., Sila, A., Bougatef, A., 2020. Essential oil from pistachio by-product: potential biological properties and natural preservative effect in ground beef meat storage. *Journal of Food Measurement and Characterization*. DOI: 10.1007/s11694-020-00546-6. (Q3; IF: 1.648).
46. Bakri, M.M., El-Naggar, M.A., Helmy, E.A., Ashoor, M.S., Ghany, T.M.A., 2020. Efficacy of *Juniperus procera* Constituents with Silver Nanoparticles Against *Aspergillus fumigatus* and *Fusarium chlamydosporum*. *Bionanoscience*, 10 (1): 62-72. DOI: 10.1007/s12668-019-00716-x. (Q3; SJR: 0.28).
47. Meziane, I.A.A., Bali, N., Belblidia, N.B., Abatzoglou, N., Benyoussef, E.H., 2019. The first-order model in the simulation of essential oil extraction kinetics. *Journal of Applied Research on Medicinal and Aromatic Plants*, 15. DOI: 10.1016/j.jarmap.2019.100226. (Q2; IF: 1.857).
48. Sood, H., Kumar, Y., Gupta, V.K., Arora, D.S., 2019. Scientific validation of the antimicrobial and antiproliferative potential of *Berberis aristata* DC root bark, its phytoconstituents and their biosafety. *AMB EXPRESS*, 9(1), DOI: 10.1186/s13568-019-0868-4. (Q3; IF: 2.499).
49. Nikolic, B., Vasiljevic, B., Mitic-Culafic, D., 2019. Antilisterial effect of juniper (*Juniperus communis*) and its mixed application with winter savory (*Satureja montana*) in beef protection. 60TH INTERNATIONAL MEAT INDUSTRY CONFERENCE MEATCON 2019, Edited by: Furnols, MFI; Lakicevic, B., Book Series: IOP Conference Series-Earth and Environmental Science, Volume: 333, DOI: 10.1088/1755-1315/333/1/012019.
50. Juliano, C., Marchetti, M., Pisu, M.L., Usai, M., 2018. In Vitro Antimicrobial Activity of Essential Oils from Sardinian Flora against *Cutibacterium* (Formerly *Propionibacterium*) *acnes* and Its Enhancement by Chitosan. *Scientia Pharmaceutica*, 86 (3), DOI: 10.3390/scipharm86030040. (SJR: 0.384).
51. Chhikara, N., Kour, R., Jaglan, S., Gupta, P., Gat, Y., Panghal, A., 2018. Citrus medica: nutritional, phytochemical composition and health benefits - a review. *Food & Function*, 9 (4): 1978-1992. DOI: 10.1039/c7fo02035j. (SJR: 1.035).
52. Sieniawska, E., Sawicki, R., Swatko-Ossor, M., Napiorkowska, A., Przekora, A., Ginalska, G., Augustynowicz-Kopec, E., 2018. The Effect of Combining Natural Terpenes and Antituberculous Agents against Reference and Clinical *Mycobacterium tuberculosis* Strains. *Molecules*, 23 (1), DOI: 10.3390/molecules23010176. (IF: 3.267).
53. Zhao, J.L., Jiang, L., Tang, X.H., Peng, L.X., Li, X., Zhao, G., Zhong, L.Y., 2018. Chemical Composition, Antimicrobial and Antioxidant Activities of the Flower Volatile Oils of *Fagopyrum esculentum*, *Fagopyrum tataricum* and *Fagopyrum Cymosum*. *Molecules*, 23 (1), DOI: 10.3390/molecules23010182. (IF: 3.267).

12. Semerdjieva, I. Yankova-Tsvetkova, E., 2017. Pollen and seed morphology of *Zygophyllum fabago* and *Peganum harmala* (Zygophyllaceae) from Bulgaria. *Phyton, International journal of experimental Botany*. 86: 318-324. (IF: 0.180). ISSN 0031 9457.

Цитирана в:

54. Mohajel Kazemi, E., Kazemian, M., Majidzadeh, F., Aliasgharpour, M., Movafeghi, A., 2019. Study of seed coat microsculpture organization during seed development in *Zygophyllum fabago* (Zygophyllaceae). *Turkish Journal of Botany*, 43(5): 634-644, DOI: 10.3906/bot-1902-32. (Q3; IF: 1.109).

13. Ivanova, A., Lazarova, I., Mechkarova, P., Semerdjieva, I. Evstatieva, L., 2011. Intraspecific variability of biologically active compounds of different populations of *Tribulus terrestris* in Thracian floristic region. – *Biotechnol. & Biotechnol. Eq.* **25**(2): 2357-2361.(IF: 0.503).

Цитирана в:

55. Salamon, I., Grulova, D., De Feo, V., 2016. Comparison of two methods for field grow of puncture vine (*Tribulus terrestris* L.) in Slovakia. *Acta Agriculturae Scandinavica Section B-Soil and Plant Science*, 66 (3): 267-271. DOI: 10.1080/09064710.2015.1093652. (Q4; IF: 1.093).

14. Semerdjieva, I., 2011. Studies on leaf anatomy of *Tribulus terrestris* L. (Zygophyllaceae) in populations from the Thracian floristic region. – Biotechnol. & Biotechnol. Eq., **25**(2): 2373-2378.(IF: 0.503).

Цитирана в:

56. Maria Fonseca, Rosa; Eunice Castro-Laporte, Mercedes; Sandoval-Zapotitla, Estela. 2019. Floral morphoanatomy of *Kallstroemia maxima* (Zygophyllaceae). Revista Mexicana de Biodiversidad, 90, DOI: 10.22201/ib.20078706e.2019.90.2075. (Q4; IF: 0.585).

15. Semerdjieva, I., Evstatieva, L., 2010. Distribution and Resource Evaluation of the *Tribulus terrestris* L. (Zygophyllaceae) in Thracian Floristic Region. – Biotechnol. & Biotechnol. Eq., **24**: 56-65, Spec. ed./on-line.(IF: 0.503).

Цитирана в:

57. Petkov, G., 2011. Enhancement of *Tribulus terrestris* L. yield by supplement of greenhouse seedlings. Biotechnology & Biotechnological Eq., 25 (2): 2366-2368, DOI: 10.5504/BBEQ.2011.0039. (Q4; IF: 1.186).

16. Yankova-Tsvetkova, E., **Semerdjieva, I.**, Baldjiev, G., Yorukova-Grancharova, P., 2011. On the reproductive biology of *Tribulus terrestris* L. (Zygophyllaceae): embryological features; pollen and seed viability. – Biotechnol. & Biotechnol. Eq. **25**(2): 2383-2387. (IF: 0.503).

58. Mathur, M., 2017. Influences of soil, community composition and species traits on steroidal sapogenin, zinc and iron concentration in fruits of *Tribulus terrestris*, Studies on Ethno-Medicine, 11:1, 82-90, DOI: 10.1080/09735070.2017.1311696. (SJR: 0.144).