Общ брой научни публикации – 37; Общ импакт фактор: - 45.341.

- **Научни публикации, на основата на които е защитена дисертация – 5бр. (Показател А., не са номерирани)**
- **Научни публикации извън дисертацията – 32 бр. (Показател В и Г и други бази данни), от които:**

- **Статии в списания с импакт-фактор – 18 бр. (№№1-5,7-9,11-14, 16-21);**
- **Статии в списания с импакт ранг – 3 бр. (№№6,10, 15);**
- **Статии в международни списания, реферирани в други бази данни – 10 бр. (№№ 22-32);**
- **Научно-популярни статии – 1 бр. (№ 32);**
- **Издадени учебни помагала – 1 бр. (Показател Е т. 20);**

- **Изведени учебни часове -** >600 на година, в т.ч. лекции и упражнения по дисциплините: Анатомия и морфология на растенията; Систематика на растенията; Билкарство; Обща Ботаника за специалност Животновъдство; **Учебни, теренни практики** по Морфология на растенията и Систематика; Лятна производствена практика на студентите от 1 и 2 курс.
- **Работа със студенти – 6** успешно защитили дипломанти.

Група показател А. Научни публикации, на основата на които е защитена дисертацията:

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**.

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.**

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.**

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.**

Семерджиева, И., Лазарова, И., Попова, Р., 2012. Изменения в динамиката на натрупване на основните активни вещества при *Tribulus terrestris* L. под влияние на различни агроклиматични и почвени условия. *Сборник на докладите от IX-та Научно-техническа конференция "Екология и здраве".* 63-68.

Група показател В, т. 4. Хабилитационен труд – научни публикации в издания, които са реферирани и индексирани в Web of Science и Scopus.

1. Zheljazkov, V., Kačaniova, 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 **Q-1** (Web Science/Scopus). (**25т**).

2. Zheljazkov, V., **Semerdjieva, I.,** Dincheva, I., Kačaniova, 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. **Q1** (Web Science/Scopus) (**25т**).

3. Radoukova, C., Zheljazkov, V., **Semerdjieva, I.,** Dincheva, I., Stoyanova, A., Kačániová, M., Marković̀h, T., Radanović̀h, 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. **Q-1** (Web Science/Scopus) (**25т**).

4. Semerdjieva, I., Zheljazkov, V., Dincheva, I., Astatkie, T., Kačaniova, M., 2020. Chemotypes of *Juniperus oxycedrus* in Bulgaria and the antimicrobial activity of galbuli essential oils. Industrial Crops & Products, (158): 113005., **IF: 4.244**.. https://doi.org/10.1016/j.indcrop.2020.113005, **Q-1** (Web Science/Scopus). (**25т**).

Група показател Г, т. 7. Научни публикации в издания, които са реферирани и индексирани в бази данни с научна информация на Web of Science и Scopus, извън хабилитационния труд;

5. Semerdjieva, I. Yankova-Tsvetkova, E., 2017. Pollen and seed morphology of *Zygophylum fabago* and *Peganum harmala* (Zygophyllaceae) from Bulgaria. Phyton, International journal of experimental Botany. 86: 318-324. **IF: 0.180. ISSN 0031 9457. Q-4. (12т).**

6. **Semerdjieva, I.,** Georgiev, S., Koev, K., Sidjimova, B., Yankova-Tsvetkova, E., 2017. Distribution and Resources of the Medicinal Plant *Colchicum autumnale* L. in Bulgaria. Ecologia Balkanica. 9 (1): 39-51. **SJR 0.1**. ISSN 1313-9941. **Q-4**. **(10т)**.

7. Kozuharova, E., Kochmarov, V., **Semerdjieva, I.,** Mincheva, I., Gibernau, M., 2018. Potential of wild populations resources of *Arum maculatum* L. (Araceae) in Bulgaria - a prospective medicinal plant. Comptes rendus de l'Académie bulgare des Sciences. 71(2): 193-200. **IF: 0.251.** DOI: 10.7546/CRABS.2018.02.06. **Q-2. (20т).**

8. Yankova-Tsvetkova, E., **Semerdjieva, I.,** Koev, K., Sidjimova, B., Georgiev, S., 2018. Peculiarities of the reproductive biology of three species of genus *Colchicum* from Bulgaria. Caryologia. **IF:0.608.** DOI: 10.1080/00087114.2018.1469812. **Q-2. (20т).**

9. Yankova-Tsvetkova, E., **Semerdjieva, I.,** Nikolova, R., Zheljazkov, V., 2018. On the embryology of two species of genus *Lepidium* (Brassicaceae). HortScience. 53 (4): 582-588. **IF:0.848.** 10.21273/HORTSCI12776-17. **Q-2. (20т).**

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. 24 (2): 223-228. ISSN 2534-983X – online. **SJR 0.223. Q-3. (10т).**

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28. Yankova-Tsvetkova, E., **Semerdjieva, I.,** 2015. On the reproductive biology of *Angelica archangelica* L. (Apiaceae). Int. J. Adv. Res. Biol.Sci. 2(3): 270–277.

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