

СПИСЪК

на научните трудове

на гл. ас. д-р Лилко Каменов Доспатлиев

за участие в конкурс за академичната длъжност „Доцент“

по Химия (Обща и Неорганична Химия), професионално направление 4.2. Химически науки, област на висше образование 4. Природни науки, математика и информатика

A. ОБРАЗОВАТЕЛНА И НАУЧНА СТЕПЕН „ДОКТОР“

A. 1. НАУЧНИ ПУБЛИКАЦИИ

1. **Доспатлиев, Л.**, П. Запрянова, В. Ангелова & К. Иванов, 2005. Сравнително изследване на методите за подготовка на почвени проби за AAS анализ на микро и макро елементи. *Научни трудове на ПУ “П. Хилендарски”, Химия*, **33**, 17 – 20.
2. Запрянова, П., В. Ангелова, **Л. Доспатлиев** & К. Иванов, 2006. Сравнително изследване на методите за подготовка на почвени проби за AAS анализ на микроелементи. *Научни трудове на ПУ “П. Хилендарски”, Химия*, **34**, 67 - 74 .
3. Angelova, V., K. Ivanov & **L. Dospatliev**, 2006. Uptake of Fe, Mn, Zn, Cu, Pb and Cd from Virginia tobacco. *Ecology and Future*, 2, 3 – 9.
4. Zapryanova, P., V. Angelova, **L. Dospatliev**, G. Bekjarov, K. Ivanov, 2006. A comparison of wet oxidation methods for determination of total phosphorous in soils by vanado-molybdophosphoric acid colorimetric method. *Ecology 2006, Scientific articles*, 1, 236 – 246.
5. Kokalova, M., P. Zapryanova, V. Angelova, **L. Dospatliev**, G. Bekjarov & K. Ivanov, 2006 . Comparison of digestion methods for ICP determination of total phosphorous and sulphur in tobacco leaves. *Science in Globalization in Stara Zagora*, 435 – 439.
6. **Dospatliev, L.**, P. Zapryanova, V. Angelova, K. Ivanov & G. Bekjarov, 2007. A Comparative Study of the Methods for Preparation of Soil Samples for Determination of K, Na, Ca and Mg. *Ecology 2007, Scientific articles*, 1, 221-228.
7. **Dospatliev, L.**, P. Zapryanova, V. Angelova & K. Ivanov, 2008. Comparison of digestion methods for AAS determination of total iron, manganese, copper and zinc in tobacco leaves. *Ecology 2008, Scientific articles*, 2, No 1, 531-541.

В. АКАДЕМИЧНА ДЛЪЖНОСТ „ДОЦЕНТ“

В. 1. ПУБЛИКАЦИИ, ОТПЕЧТАНИ В СПЕЦИАЛИЗИРАНИ НАУЧНИ ИЗДАНИЯ С ИФ

1. Zapryanova, P., **L. Dospatliew**, V. Angelova & K. Ivanov, 2006. A comparative study of the methods for preparation of soil samples for analysis. *Bulg. J. Agric. Sci.*, **12**, 375-385.

IF- 0.153

2. Zapryanova, P., **L. Dospatliew**, V. Angelova & K. Ivanov, 2010. Correlation between soil characteristics and lead and cadmium content in the aboveground biomass of Virginia tobacco. *Environmental Monitoring and Assessment*, **163**, 253-261.

IF - 1.436

3. Georgieva, N., Z. Yaneva & **L. Dospatliew**, 2010. Ecological monitoring of the fresh waters in Stara Zagora Region, Bulgaria I. Quality analyses of nitrogen compounds contents. *Desalination*, **264**, 48-55.

IF - 1.851

4. **Dospatliew, L.**, P. Zapryanova, K. Ivanov & V. Angelova. 2014. Correlation between soil characteristics and iron content in aboveground biomass of virginia tobacco. *Bulg. J. Agric. Sci.*, **20**, No 6, 1380-1385.

IF- 0.136

5. **Dospatliew, L.**, A. Aatanasoff, G. Kostadinova, T. Penev, T. Miteva & V. Kirov, 2015. Factors associated with change in pH, ammonia and total nitrogen of manure mass in high performance dairy cows. *Veterinarija ir Zootechnika*, **70**, No.92, 10 – 15.

IF – 0.1

6. Delchev, G., **L. Dospatliew**, N. Katrandzhiev & A. Stoyanova, 2015. Durum wheat grain yield and quality influenced by some mixtures of foliar fertilizers and combined herbicides. *CR ACAD BULG SCI*, **68**, No.9, 1205 – 1212.

IF – 0.284

В. 2. ПУБЛИКАЦИИ В БЪЛГАРСКИ ИЛИ МЕЖДУНАРОДНИ СПИСАНИЯ БЕЗ ИМПАКТ ФАКТОР, КОИТО СА ПОЛУЧИЛИ ЦИТИРАНЕ В СПИСАНИЯ С ИМПАКТ ФАКТОР.

7. **Dospatliew, L.**, N. Georgieva, A. Pavlov & Z. Yaneva, 2010. Extraction-spectrophotometric determination of cobalt in soils by the application of iodine nitrotetrazole chloride (INT). *Trakia Journal of Sciences*, **8**, No 4,16-19.

8. Ivanov, K., P. Zapryanova, V. Angelova, G. Bekjarov & **L. Dospatliew**, 2010. ICP determination of phosphorous in soils and plants. 19th World Congress of Soil Science, Soil Solutions for a Changing World 1 – 6 August 2010, Brisbane, Australia, pp. 71-74.

9. Zapryanova, P., K.Ivanov, V.Angelova & **L. Dospatliew**, 2010. Relation between soil characteristics and heavy metal content in Virginia tobacco. 19th World Congress of Soil

Science, Soil Solutions for a Changing World 1 – 6 August 2010, Brisbane, Australia, pp. 205-208.

10. Dospatliew, L., 2011. Correlation between soil characteristics and zinc content in the aboveground biomass of Virginia tobacco. *Agricultural science and technology*, 3, No 1, 55-59.
11. Dospatliew, L., K. Kostadinov, G. Mihaylova & N. Katrandzhiev, 2012, Determination of heavy metals (Pb, Zn, Cd and Ni) in eggplant. *Trakia Journal of Sciences*, 10, No 2, 31 – 35.
12. Dospatliew, L. & N. Palagacheva, 2009. Plant protection means against Oilseed rape pests. *Agricultural science and technology*, 1, No 4, 153-155.

В. 3. ПУБЛИКАЦИИ, ОТПЕЧТАНИ В СПЕЦИАЛИЗИРАНИ НАУЧНИ ИЗДАНИЯ

13. Dospatliew, L., 2010. Using Microwave mineralization in order to determine heavy metal concentration in samples of herbs used for pharmaceutical purposes. *Agricultural science and technology*, 2, No 1, 40-43.
14. Dospatliew, L., G. Mihaylova & M. Varbanov, 2010. Use of Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES) to Determine the Macro in the Cow's Milk and Cheese. *Ecology and Future*, 9, No 3-4, 17-19.
15. Аланджийски, Д., Л. Доспатлиев, В. Влахова, В. Спиров, 2010. Влияние на тежкото замърсяване в района на КЦМ – Пловдив върху тестови култури, Екология и бъдеще, 9(4), 11-17.
16. Dospatliew, L., G. Mihaylova & M. Varbanov, 2011. Total amount of Se in bone tissue determined by Inductively Coupled Plasma. *Ecology and Future*, 10, No 1-2, 29-32.
17. Dospatliew, L., G. Mihaylova & M. Varbanov, 2011. ICP determination of heavy metals in rose hip and chamomile. *Ecology and Future*, 10, No 1-2, 35-38.
18. Dospatliew, L. & S. Atanassova, 2011. Use of nearinfrared spectroscopy technology with a remote reflectance fibre-optic probe for predicting of trace elements contents in tobacco. *Agricultural science and technology*, 3, No 2, 160 - 164.
19. Ivanov, K., P. Zapryanova, V. Angelova, G. Bekjarov & L. Dospatliew, 2012. Comparison of digestion methods for ICP determination of total phosphorous in plant materials. *Tobacco*, 62, No1-6, 22-29.
20. Dimitrov, Y., S. Rashev, N. Palagacheva & L. Dospatliew, 2013. Efficacy of Chemical Control against Multiplication of Cotton aphid (*Aphis gossypii* Glover). *Ecology and Future*, 12, No.2, 31-35.

- 21.** Dospatliev, L., I. Ivanov, B. Paarvanova, N. Katrandzhiev & R. Popova, 2014. Determining the relationship between the dielectric properties and the basic physical and chemical parameters of the air-dry soil. *International Journal of Scientific and Research Publications*, **4**, No.7, 3106 – 3112.
- 22.** Palagacheva, N., **L. Dospatliev** & Y. Dimitrov, 2014. Efficient pest control of Pollen beetle (*Meligethes aeneus* F.) and possibilities for protecting the pollinators in oilseed rape agroecosystem *International Journal of Scientific and Research Publications*, **4**, No.7, 3167 – 3171.
- 23.** Dospatliev, L., N. Valchev, G. Panayotova & A. Stoyanova, 2015. Biological thresholds of weeds to seedlingless growing of tomatoes. *International Journal of Scientific and Research Publications*, **4**, No.7, 3167 – 3171.
- 24.** Dospatliev, L., A. Stoyanova, V. Kuneva, N. Valchev, G. Delchev, N. Katrandzhiev & M. Ivanova, 2015. Evaluation of the herbicide treatment on two common wheat varieties on the basis of mathematical-statistical analysis. *International Journal of Scientific and Research Publications*, **5**, No10, 4687 – 4693.
- 25.** Dospatliev, L., A. Stoyanova, T. Zhelyazkova, N. Valchev, G. Delchev, & M. Ivanova, 2015. Stability and technological value of common wheat varieties Enola, Illico and Ingenio treated with herbicide mixtures. *International Journal of Scientific and Research Publications*, **5**, No11, 373 – 380.

В. 2. ДОКЛАДИ, ИЗНЕСЕНИ И ПУБЛИКУВАНИ НА НАЦИОНАЛНИ НАУЧНИ ФОРУМИ

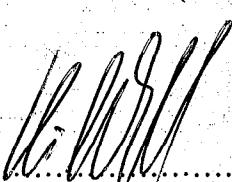
- 26.** Katrandzhiev, N., K. Koshlukova & **L. Dospatliev**, 2011. Website for teaching Photoshop program. Food Science, Engineering and Technologies " 2011, 14 – 15 October, Plovdiv. Scientific papers, **8**, No3, 217-222.
- 27.** Katrandzhiev, N., A. Nikov & **L. Dospatliev**, 2011. Website for teaching CorelDRAW program. Food Science, Engineering and Technologies " 2011, 14 – 15 October, Plovdiv. Scientific papers, **8**, No3, 211-216.
- 28.** Paarvanova, B., B. Tacheva, **L. Dospatliev**, M. Karabaliev & I. Ivanov, 2012. A measure for the destabilization effect of organic solutes on erythrocyte membrane proteins. *Trakia Journal of Sciences*, **10**, Suppl. 1, 150-154.
- 29.** Иванов, И.& **Л. Доспатлиев**, 2013. Данни за металургична дейност през античността на връх Трескавец, Тетевенско. Юбилейна научна конференция посветена на 100 години от началото на балканската война- Трявна, 142-148.
- 30.** Dospatliev, L., N. Katrandzhiev & G. Kostadinova, 2013. Use Of Nearinfrared Spectroscopy Technology For Assessment Of The Internal Quality Of Some Fruits And Vegetables. Review. *Science & Technologies*, **3** No.3, 39 – 48.
- 31.** Dospatliev, L., D. Georgiev, D. Dermendjieva & N. Katrandzhiev, 2015. Study of Pb and Cd content of Chepelare river water. *Science & Technologies*, **5**, No.3, 46 – 50.

В. 3. ДОКЛАДИ, ИЗНЕСЕНИ И ПУБЛИКУВАНИ НА МЕЖДУНАРОДНИ НАУЧНИ ФОРУМИ

32. Zapryanova, P., L. Dospatliev, V. Angelova, K. Ivanov & S. Krustev, 2009. Correlation between some soil characteristics and content of Mn in roots and aboveground parts of the Virginia tobacco. *Ecology 2009, Scientific articles*, 3, No 1, 499-506.
33. Dospatliev, L., G. Mihaylova & M. Varbanov, 2010. Estimate of macroelement content and their reciprocal ration in mountain grassland. *Journal of Mountain Agriculture on the Balkans*, 13, No 1, 244-254.
34. Radoukova, T., Y. Dyulgarski & L. Dospatliev, 2015. Inheritance of the sizes of leaves in burley and virginia tobacco hybrid combinations. II. Width of leaves. *Science & Technologies*, 5, No.6, 22 – 26.
35. Stoyanova, A., G. Delchev, N. Valchev & L. Dospatliev, 2015. Selectivity and efficiency of certain herbicides and herbicidal mixtures. Аграрная наука – сельскохозяйственному производству Сибири, Казахстана, Монголии, Беларуси и Болгарии. Сборник научных докладов XVIII Международной научно – практической конференции, Новосибирск, 16 – 17 сентября 2015 г. Новосибирск 2015, 1, 281 – 283.

I I. УЧЕБНИЦИ И УЧЕБНИ ПОСОБИЯ

36. Драгоева, С., Л. Каменов, 2012. Ръководство за лабораторни и семинарни упражнения по обща и неорганична химия. Академично издателство Тракийски Университет - Стара Загора.
37. Катранджиев, Н., А. Ников, Л. Доспатлиев, 2011. Сайт за ел. обучение по Компютърна графика и дизайн с приложение в Химията I част (CorelDRAW). www.sundybg.com/corelRDAW(чрез Internet Explorer)
38. Катранджиев, Н.; К. Кошлукова, Л. Доспатлиев, 2011. Сайт за ел. обучение по Компютърна графика и дизайн с приложение в Химията II част (Photoshop). www.sundybg.com/Photoshop (чрез Internet Explorer)

Подпись:

 / гл. ас. д-р Л. Доспатлиев/