

СПИСЪК

на всички научни публикации, глави от книги и доклади на научни конференции
на д-р Валентина Веселинова Любомирова

А. Научни публикации (в пълен текст)

Общият брой на публикациите е 22, от които 14 - в реферирани (ISI Web of Knowledge, Scopus) списания с импакт фактор, 2 – в реферирани (ISI Web of Knowledge) списания без импакт фактор, 1 глава от книга, реферирана в ISI Web of Knowledge, 1 – в международно списание без импакт фактор и 2 – в българско списание. Посочените дотук статии са написани на английски език.

Една статия (A16) е публикувана в българско списание и е написана на български език. В дисертационния труд за придобиване на образователната и научна степен „доктор” са включени 4 публикации (A1-A4), а A5 представлява автореферат на дисертацията.

Публикации за участие в конкурса – 17 (A6-A22), от които:

- 12 статии в реферирани (ISI Web of Knowledge и Scopus) списания с импакт фактор;
- 2 статия в реферирани (ISI Web of Knowledge) списания без импакт фактор;
- 1 глава от книга, реферирана в ISI Web of Knowledge;
- 1 в международно списание без импакт фактор;
- 1 в българско списание без импакт фактор.

В допълнение са представени 29 резюмета на научни съобщения от участия в конференции и семинари (от които 5 устни и 23 постерни доклада) и 2 лекции, изнесени на научни семинари.

Към май 2016 г. са забелязани общо 47 независими цитати и 35 по Scopus и ISI Web of Knowledge (**h- фактор = 5**).

A1. V. Lyubomirova, R. Djingova, B. Zlateva, Occurrence and Determination of Organometallic Species in the Environment, *Ann. Univ. Sofia*, 2006, 98/99, 261-280.

A2.V. Lyubomirova, R. Djingova, B. Zlateva, The Concept of Speciation Analysis and Hyphenated Techniques, *Ann. Univ. Sofia*, 2006, 8/99, 281-303.

A3. V. Lyubomirova and R. Djingova, Speciation of inorganic platinum–chloride complexes in spiked environmental samples by SPE and ICP–AES, *Anal. Chim. Acta*, 2008, 614, 119-126. (IF 2014 - 4.513)

A4. V. Lyubomirova, R. Djingova, J. T. van Elteren, M. Veber, T. Kowalkowski, B. Buszewski, Investigation of the solubilization of car-emitted Pt, Pd and Rh in street dust and spiked soil samples, *Intern. J. Environ. Anal. Chem.*, 2008, 88, 499-512. (IF 2014 – 1.295)

A5. В. Любомирова, Определяне на някои неорганични и органометални форми на замърсители в околната среда: Pt, Pd, Rh, Ce, La, Zr, 2009 г. Автореферат на дисертация за присъждане на образователната и научна степен „доктор” (ВАК, шифър 01.05.04 – Аналитична химия).

A6. V. Lyubomirova, V. Mihaylova, R. Djingova, Determination of inorganic platinum-chloro complexes and their hydrolysis products in spiked soil samples, *Asian Chemistry Letters*, 2010, 14(3), 31-40.

A7. V. Lyubomirova and R. Djingova, Identification of Pt and Pd bound to humic acid species in spiked soils and street dusts by Size Exclusion Chromatography and Inductively Coupled Plasma-Mass Spectrometry, *Chemical Speciation and Bioavailability*, 2011, 23, 38-45. (IF 2014 – 0.591)

A8. V. Lyubomirova, R. Djingova, J. T. van Elteren, Fractionation of traffic-emitted Ce, La and Zr in soil and street dust samples, *J. Environ. Monitor.*, 2011, 13, 1823-1830. (IF 2014 – 2.179)

A9. R. Djingova, V. Mihaylova, **V. Lyubomirova**, D. L. Tsalev, Multielement Analytical Spectroscopy in Plant Ionomics Research, *Appl. Spectrosc. Rev.*, 2013, 48, 384-424. (IF 2014 - 4.271)

A10. V. Mihaylova, **V. Lyubomirova**, R. Djingova, Optimization of sample preparation and ICP-MS analysis for determination of 60 elements for characterization of the plant ionom, *Intern. J. Envir. Anal. Chem.*, 2013, 93(13), 1441-1456. (IF 2014 – 1.295)

A11. **V. Lyubomirova** and R. Djingova, Mass spectrometric techniques for characterization of platinum-humic substance complexes in soil and street dust samples, *Chemical Speciation and Bioavailability*, 2013, 25, 223-234. (IF 2014 – 0.591)

A12. **V. Lyubomirova**, Z. Smit, H. Fajfar, I. Kuleff, Chemical composition of glass beads from the necropolis of Apollonia Pontica (5th-3rd century BC), *Archaeol. Bulg.*, 2014, XVIII (2), 1-17. (IF 2014 – 0.091)

A13. **V. Lyubomirova** and R. Djingova, Transfer of platinum group elements from soil to ryegrass (*Lolium multiflorum*), *Compt. Rend. Acad. Bulg. Sci.*, 2014, 67(5), 641-646. (IF 2014 – 0.284)

A14. **V. Lyubomirova**, V. Mihaylova, R. Djingova, Changes in the ionome of *Taraxacum officinale* under different anthropogenic influence, *Phytol. Balcanica*, 2014, 20(2-3), 247-255.

Ref. Google Scholar

A15. **V. Lyubomirova**, R. Djingova, I. Kuleff, Comparison of analytical techniques for analysis of archaeological bronze, *Archaeometry*, 2015, 57(4), 677-686. (IF 2014 – 1.519)

A16. К. Бърдаров, **В. Любомирова**, Р. Джингова, Методи за пробоподготовка при определяне химичната форма на елементите в растителни тъкани, *Химия и Индустрия*, под печат.

A17. **V. Lyubomirova**, V. Mihaylova, R. Djingova, Effects of soil properties and anthropogenic activity on the transfer of 52 elements in the system soil/*Taraxacum officinale*, *J. Soils Sediments*, 2015, 15(7), 1549-1557. (IF 2014 – 2.139)

A18. **V. Lyubomirova**, Š.Žiga, F. Helena; B. Zlateva, R. Djingova, Characterization of the chemical composition of medieval glass finds from south bulgaria, *Mediterranean Archaeology and Archaeometry*, 2015, 15(2), 257-275. (IF 2014 – 0.212)

A19. D. Lesigyarski, B. Zlateva, **V. Lyubomirova**, T. Stoyanov, I. Kuleff, Thracian golden wreath from Kabile, Bulgaria: chemical composition, *Archeosciences revue d'archéométrie*, 2015, 39, 149-156. **Ref. ISI Web of Knowledge**

A20. **V. Lyubomirova** and R. Djingova, Determination of Se in Bulgarian commercial flour and bread, *Compt. Rend. Acad. Bulg. Sci.*, 2015, 68(7), 847-852. (IF 2014 – 0.284)

A21*. **V. Lyubomirova** and R. Djingova, Accumulation and distribution of Pt and Pd in roadside dust, soil and vegetation in Bulgaria, In F. Zereini and C. Wiseman (eds) *Platinum*

Metals in the Environment, Springer Verlag, Berlin, 2015, 243-255. **Ref. ISI Web of Knowledge**

A22. V. Lyubomirova, B. Todorov, R. Djingova, Application of Laser Ablation Inductively Coupled Plasma Mass Spectrometry for soil analysis: A novel procedure for sample preparation, *Compt. Rend. Acad. Bulg. Sci.*, 2016, 69(3), 275-282. (**IF 2014 – 0.284**)

* - глава от книга

Б. Съобщения на научни конференции

Б1. V. Lyubomirova, B. Zlateva, R. Djingova, Hyphenated methods for organometallic speciation in environmental samples, 6th Summer School in Charles University in Prague, Faculty of Science, Ceepus program, 29 May - 4 June, 2005, Prague, Czech republic, постер.

Б2. V. Lyubomirova, R. Djingova, Speciation of platinum in environmental samples, VII Conference on Chromatography in Bialystok, Poland, September 10-13, 2006 during the summer school “Chromatography and a human health” in Medical University of Gdansk, Ceepus program, 06 –16 Sep., 2006, Gdansk, Poland, постер.

Б3. V. Lyubomirova, R. Djingova, Platinum species in environmental samples, 7th International Symposium and Summer School on Bioanalysis in University of Pecs, Ceepus program, 09-17 June, 2007, Pecs, Hungary, постер.

Б4. В. Любомирова, Р. Джингова, Изследване на разтворимостта и промяна на химичната форма на платинови метали в обекти от околната среда, VI Национална конференция по химия за студенти и докторанти, София, България, 16-18 май, 2007г. устен доклад.

Б5. V. Lyubomirova, R. Djingova, Speciation of platinum in soil samples, 4th Black Sea Basin Conference on Analytical Chemistry, Sunny Beach, Bulgaria, 19-23 Sept., 2007, постер.

Б6. V. Lyubomirova, R. Djingova, J. T. van Elteren, M. Veber, T. Kowalkowski, B. Buszewski, Solubilization and speciation of car-emitted Pt, Pd and Rh in street dust and spiked soil samples, 9th Highway Urban and Environmental Symposium, 9-11 June, 2008, Madrid, Spain, постер.

Б7. V. Lyubomirova, R. Djingova, J. T. van Elteren, Solubilization and fractionation of car-emitted REE in soils and street dust samples, 11th Fruhjahrssymposium, Essen, Germany, 11-14 March, 2009, постер.

Б8. B. Zlateva-Rangelova, V. Lyubomirova, XRF analysis of mortars from Bulgaria, 2nd Balkan Symposium on Archaeometry, Istanbul, Turkey, 15-17 Sept., 2010, постер;

Б9. B. Zlateva-Rangelova, V. Lyubomirova, G. Georgieva, Archaeometric investigations of archaeological glass from Bulgaria using ICP-AES and XRF, 2nd Balkan Symposium on Archaeometry, Istanbul, Turkey, 15-17 Sept., 2010, устен доклад;

Б10. B. Zlateva-Rangelova, V. Lyubomirova, G. Georgieva, Analysis of archaeological glass from Bulgaria using ICP-AES and XRF, XXI Congress of Chemist and Technologist of Macedonia, Ohrid, Republik of Macedonia, 23-26 Sept., 2010, постер;

Б11. B. Zlateva-Rangelova, V. Lyubomirova, G. Georgieva, Chemical composition and colouring agents of archaeological glass from Bulgaria using XRF and ICP-MS, Science and Technology in Cultural Heritage, French-German Summer School, Frauenchiemsee, Germany, 5-11 Sept., 2011, постер;

Б12. B. Zlateva-Rangelova, V. Lyubomirova, D. Lesigyarski, Diagenetic Assesment of the Trace Element Composition of Clasical Period Bones – A Case Study From Apollonia Pontica (Bulgaria), 39th International Symposium on Archaeometry, Leuven, Belgium, 28 May - 1 June, 2012, постер;

- B13.** D. Lesigyrski, B. Zlateva-Rangelova, **V. Lyubomirova**, V. Bonev, ICP-AES/ICP-MS Analysis of Bronze Objects Found in Ancient Necropolis from Apollonia Pontika, South-Eastern Bulgaria, 39th International Symposium on Archaeometry, Leuven, Belgium, 28 May - 1 June, 2012, постер;
- B14.** **V. Lyubomirova***, V. Mihaylova, R. Djingova, Determination of inorganic platinum-chlorocomplexes and their hydrolysis products in spiked soil samples, 5th Black Sea Basin Conference on Analytical Chemistry, Fatsa-Ordu, Turkey, 23-26 Sep., 2009, постер.
- B15.** B. Todorov, G. Georgieva, **V. Lyubomirova**, I. Kuleff*, ED-XRF analysis of oldest manmade gold from halcolithic necropolis of Varna (mid of 5th millennium BC), 2nd Balkan Symposium on Archaeometry, Istanbul, Turkey, 15-17 Sep., 2010, устен доклад.
- B16.** V. Mihaylova*, **V. Lyubomirova**, R. Djingova, On the speciation of Pt in spiked soil samples and street dust, XXI Congress of Chemists and Technologist of Macedonia, Ohrid, Republik of Macedonia, 23-26 Sep., 2010, постер.
- B17.** **V. Lyubomirova***, R. Djingova, On the possibilities of Mass Spectrometric techniques for the characterization of platinum- humic acid complexes in environmental materials, XXI Congress of Chemist and Technologist of Macedonia, Ohrid, Republik of Macedonia, 23-26 Sep., 2010, постер.
- B18.** R. Djingova, **V. Lyubomirova***, Identification of platinum-humic acid complexes in soils and street dust samples by MALDI-TOF-MS, The 36th International Symposium on Environmental Analytical Chemistry, Rome, Italy, 5-9 Oct., 2010, постер.
- B19.** R. Djingova*, **V. Lyubomirova**, Environmental fate of traffic released rare earth elements, The 36th International Symposium on Environmental Analytical Chemistry, Rome, Italy, 5-9 Oct., 2010, постер.
- B20.** **V. Lyubomirova***, B. Todorov, G. Georgieva, B. Zlateva, D. Lesigyrski, R. Djingova, I. Kuleff, Archaeometric investigation of ancient gold finds from Bulgaria by ED-EXF, Science and Technology in Cultural Heritage, French-German Summer School, Frauenchiemsee, Germany, 5-11 Sept., 2011, постер.
- B21.** **V. Lyubomirova***, V. Mihaylova and R. Djingova, Influence of environmental parameters on the changes in the ionome of *Taraxacum officinale*, 14th JCF Fruhjahrssymposium, Rostock, Germany, 18-21 March, 2012, постер.
- B22.** V. Mihaylova*, **V. Lyubomirova** and R. Djingova, ICP-MS method for characterization of the plant ionome, 14th JCF Fruhjahrssymposium, Rostock, Germany, 18-21 March, 2012, постер.
- B23.** **V. Lyubomirova***, V. Mihaylova and R. Djingova, Monitoring of essential and toxic elements on the territory of Bulgaria using *Taraxacum officinale* as an indicator, 37th International Symposium on Environmental Analytical Chemistry, Antwerp, Belgium, 22-25 May, 2012, постер.
- B24.** V. Mihaylova*, **V. Lyubomirova** and R. Djingova, Determination of the distribution of major and trace elements in *Taraxacum officinale* for the characterisation of the plant ionome, 37th International Symposium on Environmental Analytical Chemistry, Antwerp, Belgium, 22-25 May, 2012, постер.
- B25.** **V. Lyubomirova*** and R. Djingova, ICP-MS method optimization for PGE determination in plant, soil and street dust samples from Bulgaria, Workshop “Materials for Environmental Protection”, Varna, Bulgaria, Project “BeyondEverest”, 22-25 June, 2013, устен доклад.
- B26.** **V. Lyubomirova*** and R. Djingova, LA-ICP-MS analysis of environmental and archaeological samples, 2nd International Conference “Advanced Functional Materials”, Nessebar, Bulgaria, Project “BeyondEverest”, 3 – 6 Sept., 2014, постер.

Б27. V. Lyubomirova*, R. Djingova., I. Kuleff, Comparison of several analytical techniques for analysis of archaeological bronze, Nessebar, Bulgaria, Fourth Balkan Symposium on Archaeometry, 27– 30 Sept., 2014, постер.

Б28. V. Lyubomirova*, Z. Smit, B. Zlateva, R. Djingova, I. Kuleff, Characterization of the chemical composition of Medieval archaeological glass finds from Zlatna Livada (central South Bulgaria), Nessebar, Bulgaria, Fourth Balkan Symposium on Archaeometry, 27-30 Sept., 2014, постер.

Б29. Д. Байкова*, С. Иванов, А. Василев, **В. Любомирова**, Хранителната стойност на пивото, основана на научни доказателства, X-ти Национален конгрес по хранене с международно участие, МДУ “Фредерик Жолио-Кюри”, к.к. Свети Константин и Елена, гр. Варна, 27-30 май, 2015 г., устен доклад.

В. Изнесена лекция на научна сесия

В1. В. Любомирова*, Р. Джингова, Определяне на химичната форма на нови транспортни замърсители в околната среда, Научна сесия, посветена на 120 години химическо образование, Факултет по химия и фармация, 27 ноември, 2009 г., София.

В2. V. Lyubomirova*, В. Todorov, R. Djingova, I. Kuleff, Investigation of ancient gold finds from Bulgaria, Group fellowship 2013 on characterization of cultural heritage artifacts by nuclear techniques, Seibersdorf, Austria, 4.03.-15.03.2013 г.

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