

**Списък с научните трудове на гл.ас. д-р инж. Десислава Антонова
Маринкова-Калоянова по конкурс за „Доцент” публикувани след
придобиване на научната и образователна степен ”Доктор”**

Публикации за участие в конкурса за доцент	23
Статии в списания с импакт фактор Общ IF 5.457 , h-index:4	9
Статии в индексирани списания без импакт фактор	4
Доклади в пълен текст с редактор	7
Монографии и глави от книга	3
Постерни доклади, отпечатани като резюмета	43
Учебни помагала	2
Цитирания	32

Статии в списания с импакт фактор

1. Danalev, D.L.; Raykova, R.N.; **Marinkova, D.A.**; Yotova, L.K.; Bayryamov, S.G.; Hristova, B.H.; Stoyanova, V.S. Synthesis of new hybrid cell penetrating peptides-medical drugs molecules, *Bulgarian Chemical Communications*, 2012, *Proceeding of 6-th Bulgarian Peptide Symposium*, 44 (3), 238–241; **IF – 0.29**
2. J.-M. Ringeard, E. Caplain, M. Michiel, **D. Marinkova**, L. Yotova, S. Serfaty, J.-Y. Le Huerou and P. Griesmar Design of poly(N-acryloylglycine) materials for bioincorporation, *Journal of Applied Polymer Science*, 130 (2), 835–841, 2013; **IF- 1.77**
3. Lyubov Yotova, SpaskaYaneva, **Dessislava Marinkova**, Stephan Serfaty, Coimmobilization of peroxidase and tyrosinase onto hybrid membranies obtained by

- the sol gel method for the construction of an optical biosensor, *Biotechnology & Biotechnological Equipment*, 27 (3), 2013, 3885-3889; **IF-0.379**
4. **D. Marinkova**, L. Yotova, D. Danalev, D. Stoykov, J.-M. Ringeard, M. Michiel, S. Serfaty, P. Griesmar, Investigation of newly synthesized biocompatible materials as biofilm carriers, *Bulgarian Chemical Communications*, Volume 45, Number 4 (pp. 530–535), 2013, **IF-0.349**
 5. Dancho Danalev, **Dessislava Marinkova**, Raya Raykova, Lyubov Yotova, Iren Tsibranska, Konstantin Savov, Galina Obretenova, Kinetic Investigation and Anticoagulant Activity of Amide Analogues of Isoform 2 and 3 of Antistasin, , International Journal of Peptide Research and Therapeutics, 2014, 20 (2), 195-200; **IF-0.905**
 6. **Marinkova D.**, Yotova L., Ringeard J.-M, Griesmar P, “Influence of Ni²⁺ onto urease activity produced by biofilms of *Arthrobacter oxydans* 1388, *Biotechnology and Biotechnological equipment*, Volume 28, Issue 2, 266-270, 2014, **IF – 0.300**
 7. **D. Marinkova**, M. Michel, R. Raykova, D. Danalev, S. Yaneva, L. Yotova, P. Griesmar, Investigation on the proliferation of Gram negative bacterial cells onto nanohybrid sol-gel carriers, *Bulgarian Chemical Communications*, Volume 47, Number 1 (pp. 436–444, 2015, **IF-0.349**
 8. V. Kolarski, **D. Marinkova**, R. Raykova, D. Danalev, S. Terzieva, BILINGUAL COURSE IN BIOTECHNOLOGY: INTERDISCIPLINARY MODEL, , Bulgarian Journal of Science Education Volume 24 Number 4, 2015, **IF – 0.21**
 9. Synthesis and Analgesic Activity of New Analogues of Tyr-MIF including pyrrole moiety, Dancho L. Danalev, Stanislava P. Vladimirova, Borislav P. Borisov, Hristina H. Nocheva, Adriana I. Bocheva, **Dessislava A Marinkova**, Emilia D. Naydenova, Valentin S. Lozanov, International Journal of Peptide Research and Therapeutics, June 2016, Volume 22, Issue 2, pp.243-248, **IF – 0.905**

Статии в индексирани списания без импакт фактор

10. **Dessislava Marinkova**, Iren Tsibranska, Lyubov Yotova, Nelly Georgieva, An Evaluation of Kinetic Parameters of Cadmium and Copper Biosorption by immobilized Cells, *Bioautomation*, 2007, 7, 46-56;

11. **Marinkova D.**, Yaneva S., Yotova L., Mateva R, "Biosensor for Pesticides Based on Valerolacton Copolymer", Bioautomation, 2007, 8, Suppl., 1, 162-172;
12. **Dessislava Marinkova**, Dancho Danalev, Georgi Genchev, Antimicrobial activity of Bulgarian products and their extracts containing bioactive components, *Journal of Chemical Technology and Metallurgy*, 50, (1), pp13-19, 2015;
13. Borislav Borisov, Daniela Manova, **Dessislava Marinkova**, Lyubov Yotova, Dancho Danalev, Production and characterization of lipase from *Pseudozyma antarctica NBIMCC 8340*, JCTM, 50 (5), pp 619-622, 2015;

Доклади в пълен текст с редактор

14. **Marinkova D.**, Georgieva N., Yotova L., Garkova D., "Kinetic study of cadmium and copper bioaccumulation by yeast cells immobilized on synthetic polymer" Proceedings Bioprocess Systems Oct. 25-26, 2005, Sofia;
15. Yotova L., **Marinkova D.**, Application of Immobilized Lipoxygenase in Biosensors Design for Aflatoxin B1 2008, BioPS'08, November 4-5, III.37-III.46;
16. R. Raykova, D.Danalev, **D.Marinkova**, L.Yotova, S.Tchaoushev, N. Mahmoud, Kinetic investigations on amide analogues of isoform 3 of antistasin, *Peptides, Proceedings of the 32-th European Peptide Symposium*, 2012, 454-455;
17. Raya N. Raykova, Lachesar S. Manovski, **Dessislava A. Marinkova**, Lyubov K. Yotova, Dancho L. Danalev, SYNTHESIS AND INVESTIGATION OF INHIBITOR PROPERTIES OF NEW ANALOGUE OF RIBAVIRIN AGAINST SOYBEAN LIPOXYGENASE, Annuaire de l'Université de Sofia "St. Kliment Ohridski" Faculte de Biologie 2015, volume 100, livre 4, pp. 129-134 First National Conference of Biotechnology, Sofia 2014
18. Polina Velichkova, **Desislava Marinkova**, Spaska Yaneva, Lyubov Yotova, Isolation and Purification of Tyrosinase from Different Plant Sources, Annuaire de l'Université de Sofia "St. Kliment Ohridski" Faculte de Biologie 2015, volume 100, livre 4, pp. 70-75, First National Conference of Biotechnology, Sofia 2014
19. Spaska A. Yaneva, **Dessislava A. Marinkova**, Raya N. Raykova, Lilia Ilieva, Lyubomir T. Vezenkov, Lyubov K. Yotova, Dancho L. Danalev, Study of Inhibition Activity of Peptide Containing Galantamine Derivatives Towards Tyrosinase, *Peptides, Proceedings of the 33-rd European Peptide Symposium*, pp254-255, 2015

- 20.** Dancho L. Danalev, Stanislava P. Vladimirova, Borislav P. Borisov, Darinka G. Krasteva, **Dessislava Marinkova**, Hristina H. Nocheva, Adriana I. Bocheva, Emilia D. Naydenova, Valentin S. Lozanov, Design And Synthesis Of New Hybrid Molecules Comprising Peptide Moiety With Potential Analgesic Activity, *Peptides, Proceedings of the 33^{-rd} European Peptide Symposium*, 92-93, 2015

Монографии и глави от книга

1. Smart Biosensors for Determination of Mycotoxines, Lyubov Yotova, Ivo Grabchev, Rossica Betcheva, and **Dessislava Marinkova**, M.V. Magni (ed.), *Detection of Bacteria Viruses, Parasites and Fungi*, NATO Science for Peace and Security Series A: Chemistry and Biology, DOI 10.1007/978-90-481-8544-3_17, © Springer Science+Business Media B.V. 2010;
2. L.Yotova, **D.Marinkova**, Investigation of the formation, structure and application of biofilms (**REVIEW**), Journal of the University of Chemical Technology and Metallurgy, 47, 3, 2012, 243-250;
3. Lyubov Yotova, SpaskaYaneva, **Dessislava Marinkova**, Biomimetic nanosensors for determination of toxic compounds in food and agricultural products, (**REVIEW**), Journal of Chemical Technology and Metallurgy, 48, (3), 2013, 215-227

Учебни помагала:

1. Имуноология - Имунохимични и биотехнологични методи

Ръководство за студенти

Авторски колектив:

Илия Ватев, Димитрина Димитрова, Любов Йотова, Светослав Калайджиев, **Десислава Маринкова**, Цветанка Маринова, Поля Минчева, Иван Младенов, Мария Стаменова, Недка Трифонова, Радиана Трифонова

Под редакцията на Недка Трифонова, Любов Йотова, Мария Стаменова

Рецензент: доц. д-р Иван Буланов, д.м.

2. “Биокатализа и технология на биотрансформациите”

Проф.д-р инж. Любов Йотова, гл.ас. д-р инж. Десислава Маринкова - електронна форма на курс обучение в бакалавърска степен от професионалните направления на ХТМУ

Научни публикации от докторската дисертация

1. **Dessislava Marinkova**, Maria Bivolarska, Lyubomir Ahtapodov, Lyubov Yotova, Rosa Mateva, Tzvetan Velinov, Plasmon microscopy and imaging ellipsometry of *Arthrobacter oxydans* attached on polymer films”, , Colloids and Surfaces B:Biointerfaces 65, 2008, 276-280; **IF – 2.975**
2. L.Yotova, **D.Marinkova**, V.Mironova and R.Dulgerova, Investigation of formation, development and application of *Arthrobacter Oxydans* 1388 biofilm, , Biotechnology & Biotechnological Equipment, 23, 2009, 823-826; **IF-0.3**
3. **D. Marinkova**, D. Danalev, S. Serfaty, L. Yotova, E. Caplain, P.Griesmar, Characterization of New Titanium oxide polymer hybrid membranes for biofilm formation, , *Phosphorous, sulfur, siliconandrelatedelements*, 187:926-936, 2012; **IF - 0,67**
4. Velinov Tz., Asenovska Y., **Marinkova D.**, Yotova L., Stoitsova S., Bivolarska M., Stavitskaya L., (2011 Nov 1), Total internal reflection imaging of microorganism adhesion using an oil immersion objective, Colloids Surf. B. Biointerfaces, 88 (1): 407-12; **IF-2.975**
5. Yotova L., **Marinkova D.**, Mironova V., Ivanov T., “Influence of Polymer Substratum onto *Arthrobacter Oxydans* 1388 Biofilm Formation, Bioautomation, 2009, 13 issue 4, 211-220;
6. Yaneva S., **Marinkova D.**, Yotova L., Samuneva B., “Immobilization of Biocatalysts and Cells on Hybrid Membranes Synthesis on Sol-gel Method”, BioPS’07, 20st International Symposium Bioprocess Systems, Proceedings, November 6-7, 2007, Sofia, Bulgaria, Bulgarian Academy of Sciences;