

ПУБЛИКАЦИИ НА ГЛ.АС. Д-Р ДАНИЕЛА СИМЕОНОВА ЦЕКОВА

В СПИСАНИЯ С ИМПАКТ ФАКТОР

Общ импакт фактор: 20.446

Индивидуален импакт фактор: 10.051

1. L. Tancheva, E. Encheva, L. Alova, N. Belova, R. Klisurov, M. Novoselski, V.V. Petkov, **D. Tsekova**, Effects of newly synthesized peptide mimetics on exploratory behaviour, memory and serotonin release in the hippocampus of rats with social isolation syndrome, *Comptes rendus de l'Academie bulgare des Sciences*, 66, 2013, 133-138, ISSN: 1310-1331 (Print) ISSN: 2367-5535 (Online). (IF = 0.198) (индивидуален IF = 0.0247)
2. **D. S. Tsekova**, D. R. Williams, J. Y.Y. Heng., Effect of Surface Chemistry on Crystallization of Proteins, *Chemical Engineering Science*, 77 (2012), 201-206, ISSN: 0009-2509. (IF= 2.431) (индивидуален IF = 0.810)
3. **D. S. Tsekova**, Thaumatin Crystallization in Hanging Drop and in Thin Layer by Vapor Diffusion Method, *Bulgarian Chemical Communications*, 44(3) (2012) 267-271, ISSN: 0324-1130. (IF=0.32)
4. L. P. Tancheva, E. N. Encheva, **D. S. Tsekova**, L. G. Alova, S. L. Stancheva, V. V. Petkov, M. T. Novoselski, R. Klisurov, New L-Valine Peptide Mimetics as Potential Neuropharmacological Agents, *Bulgarian Chemical Communications*, 44(3) (2012) 262-276, ISSN: 0324-1130. (IF=0.32) (индивидуален IF = 0.04)
5. **D.S. Tsekova**, Formation and Growth of Tetragonal Lysozyme Crystals at Some Boundary Conditions, *Crystal Growth and Design*, 9(3) (2009) 1312-1317, ISSN: 1528-7483. (IF=4.162)
6. **D.S. Tsekova**, J. A. Sáez, B. Escuder, J. F. Miravet, Solvent-free Construction of Self-Assembled 1D Nanostructures from Low-Molecular-Weight Organogelators: Sublimation vs Gelation, *Soft Matter*, 5 (2009) 3727-3735, ISSN: 1744-683X. (IF=4.869) (индивидуален IF = 1.817)
7. **D.S. Tsekova**, V. B. Stoyanova, Microstructure of new metal-organic gels obtained by low molecular weight gelators, *Bulgarian Chemical Communications*, 41(2) (2009) 149-152, ISSN: 0324-1130. (IF=0.156) (индивидуален IF = 0.078)
8. **D.S. Tsekova**, B. Escuder, J. Miravet, Solvent-free self-assembly of small organic molecules into fibrillar microstructures, *Bulgarian Chemical Communications*, 41(2) (2009) 110-115, ISSN: 0324-1130. (IF=0.156) (индивидуален IF = 0.052)
9. **D.S. Tsekova**, E.Ts. Makakova, P.S. Alov, G. A. Gorneva, I. K. Pajeva, L. P. Tancheva, V.V. Petkov, A. R. Surleva, B. Escuder, J. F. Miravet, E. Katz, Structure-activity relationships of new L-valine derivatives with neuropharmacological effects, *Bulgarian Chemical Communications*, 41(2) (2009) 133-137, ISSN: 0324-1130. (IF=0.156) (индивидуален IF = 0.014)

10. **D.S. Tsekova**, B. Escuder, J.F. Miravet, Solid-state polymorphic transition and solvent-free self-assembly in the growth of organic crystalline microfibers, *Crystal Growth and Design*, 8(1) (2008) 11-13, ISSN: 1528-7483. (IF=4.215) (индивидуален IF = 1.405)

11. C.N. Nanev, I. Dimitrov, **D. Tsekova**, Adhesion of protein crystals: Measurement of the detachment force, *Crystal Research and Technology*, 41(5) (2006) 505–509, ISSN: 0232-1300. (IF=0.863) (индивидуален IF = 0.288)

12. **D.S. Tsekova**, V. Savov, Energy barrier for protein adhesion and crystal nucleation on flat alien substrates, *Protein and Peptide Letters* 12(6) (2005) 541-546, ISSN: 0929-8665. (IF=0.84) (индивидуален IF = 0.420)

13. **D. Tsekova**, S. Popova, C.N. Nanev, Nucleation rate determination by a concentration pulse technique: application on ferritin crystals to show the effect of surface treatment of a substrate, *Acta Crystallographica D* 58 (2002), 1588-1592, ISSN: 0365-110X. (IF=1.76) (индивидуален IF = 0.62)

ПУБЛИКАЦИИ В РЕФЕРИРАНИ СПИСАНИЯ БЕЗ ИМПАКТ ФАКТОР

14. **D.S. Tsekova**, R. Klissurov, L. Tancheva, E. Encheva, M. Genadieva, The influence of solvents on the molecular structure and biological activity of N,N'-bis(N-nicotinoyl-L-valyl)-diaminohexane, *J. Chem. Technol. Metall.*, 48(6) 2013, 637-641, ISSN 1314-3859

15. **D. S. Tsekova**, Adhesion and crystallization of lysozyme and ferritin on flat foreign substrates, *Bulgarian Chemical Communications*, 38 (1) (2006) 67–72, ISSN: 0324-1130.

16. L. Tancheva, V.V. Petkov, G. Karamukova, S. Abarova, Y. Chekalarova, **D. Tsekova**, B. Escuder, J. Miravet, K. Lyubomirova, Neuropharmacological activity of newly synthesized derivatives of valin, *Bulgarian Chemical Communications*, 38 (1) (2006) 54–57, ISSN: 0324-1130.

ДОКЛАДИ В ПЪЛЕН ТЕКСТ В СБОРНИЦИ С РЕДАКТОР И ИЗДАТЕЛ

17. E.N. Encheva, L. Tancheva, L. Alova, R. Klissurov, N. Belova, **D. S. Tsekova**, V.V. Petkov, Pharmacological modulation of serotonin levels in hippocampus of socially isolated rats, *Archives of the Balkan Medical Union*, 48 (2013) 295-299, ISSN: 0041-6940.

18. **D. S. Tsekova**, Daryl R. Williams, Jerry Y.Y. Heng. Effect of surface chemistry of novel templates on crystallization of proteins. *Proceeding of the 18th International Symposium on Industrial Crystallization. Published by AIDIC (Associazione Italiana di Ingegneria Chimica), 2011, 520-52.,*

19. Stancheva S., L. Alova, L. Tancheva, V. Petkov, E. Encheva, **D. Tsekova**, M. Novoselski, Learning, Memory and Biogenic Amine Levels in Rat Hippocampus after Treatment with New L-Valine Derivatives, *J Med CBR Def.* 8 (2010) 281-285, ISSN 1540-6709.
20. Tancheva L., V. Petkov, E. Encheva, M. Novoselski, **D. Tsekova**, Protective Effect of New L-Valine Derivatives on Brain Function in Experimental Model of Aggression in Mice after Social Isolation, *J Med CBR Def.* 8 (2010) pp. 260-265, ISSN 1540-6709.
21. Tancheva L., M. Novoselski, E. Encheva, V. Petkov, G. Gorneva, **D. Tsekova**, J. Chekalarova, I. Gurt, E. Katz, E. Pavlova, In Vitro and in Vivo Studies on Toxicity and Pharmacological Activity of New L-Valine Peptidomimetics, *J Med CBR Def.* 8 (2010) pp. 266-273, ISSN 1540-6709.
22. **D Tsekova**, E. Makakova, P. Alov, G. Gorneva, I. Pajeva, L. Tancheva, V. Petkov, *In vivo* and *in vitro* activities of new L-Valine derivatives: Structure-activity relationships, *Proceedings of the 30 European Peptide Symposium- 31 August - 5 September 2008, Finlandia Hall, Helsinki, Finland, Ed. H. Lankinen*, p. 224-225 ISBN: 978-952-92-7697-4 (paperback), ISBN: 978-952-92-7698-1 (pdf).
23. Encheva, E., M. Novoselski, L. Tancheva, V. V. Petkov, S. Stancheva, L. Alova, **D. Tsekova**, Protective effect of new l-valine derivatives on brain function in experimental model of aggression in mice, 22nd ECNP Congress, 12-16 Sept 2009, Istanbul, Turkey, *J. Europ. Neuropsychopharmacol*, vol. 19, Suppl. 3, S 323-324, ISSN: 0924-977X
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ПУБЛИКАЦИИ, ВКЛЮЧЕНИ В ДИСЕРТАЦИЯТА

25. D.N. Petsev, B.R. Thomas, S.-T. Yau, **D. Tsekova**, C. Nanev, W.W. Wilson, P.G. Vekilov, Temperature-independent solubility and interactions between apoferritin monomers and dimers in solution, *Journal of Crystal Growth*, 232 (2001) 21-29, ISSN: 0022-0248.
26. C. N. Nanev, **D. Tsekova**, Heterogeneous nucleation of hen-egg-white lysozyme - molecular approach, *Crystal Research and Technology*, 35 (2000) 189-195, ISSN: 0232-1300.
27. **D. Tsekova**, S. Dimitrova, C.N. Nanev, Heterogeneous nucleation (and adhesion) of lysozyme crystals, *Journal of Crystal Growth*, 196 (1999) 226-233, ISSN: 0022-0248. (IF 1,726 за 2012)
28. S. Dimitrova, **D. Tsekova**, C.N. Nanev, Some morphological peculiarities of lysozyme crystals, *Crystal Research and Technology*, 32 (1997) 643-647, ISSN: 0232-1300.
29. C.N. Nanev, **D.S. Tsekova**, Lysozyme crystals - nucleation and growth, *Bulgarian Chemical Communications*, 29 (1996/97) 571-584, ISSN: 0324-1130.