

**Избранные публикации официального оппонента  
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по тематике защищаемой диссертации**

1. Konopkina, E. A. Kinetic features of solvent extraction by N,O-donor ligands of f-elements: a comparative study of diamides based on 1,10-phenanthroline and 2,2'-bipyridine/ Konopkina, E. A., Gopin, A. V., Pozdeev, A. S., **Chernysheva, M. G.**, Kalle, P., Pavlova, E. A., Kalmykov, S. N., Petrov, V. G., Borisova, N. E., Guda, A. A., Matveev, P. I. // Physical Chemistry Chemical Physics. - 2024. – Vol. 26. - № 3. – P. 2548–2559.
2. Konopkina, E.. Pyridine-di-phosphonates as chelators for trivalent f-elements: kinetics, thermodynamic and interfacial study of Am(III)/Eu(III) solvent extraction/ Konopkina, E., Matveev, P. I., Shi, W., Kirsanova, A. A., **Chernysheva, M. G.**, Sumyanova, T., Domnikov, K. S., Huang, P.-W., Kalmykov, S., Petrov, V. G., Borisova, N. E. // Dalton Transactions. - 2022. – Vol. 20. - № 51. – P. 11180–11192.
3. Orlova, M. A. In vivo behavior of carboxymethylcellulose based microgels containing <sup>67</sup>Cu/ Orlova, M. A., Spiridonov, V. V., Badun, G. A., Trofimova, T. P., Orlov, A. P., Zolotova, A. S., Priselkova, A. B., Aleshin, G. Y., **Chernysheva, M. G.**, Yaroslavov, A. A., Kalmykov, S. N. // Mendeleev Communications. - 2022. – Vol. 32. - № 5. – P. 658–660.
4. Skrabkova, H. S. Complex formation between lysozyme and myramistin and its adsorption at the aqueous-xylene interface/ Skrabkova, H. S., **Chernysheva, M. G.**, Arutyunyan, A. M., Badun, G. A. // Mendeleev Communications. - 2020. – Vol. 30. – P. 645–646.
5. **Chernysheva, M. G.**. Structural peculiarities of lysozyme – pluronic complexes at the aqueous-air and liquid-liquid interfaces and in the bulk of aqueous solution/ **Chernysheva, M. G.**, Shnitko, A. V., Ksenofontov, A. L., Arutyunyan, A. M., Petoukhov, M. V., Badun, G. A. // International Journal of Biological Macromolecules. - 2020. – Vol. 158. – P. 721–731.
6. Badun, G. A. Noncovalent modification of nanodiamonds with tritium-labeled pantothenic acid derivatives/ Badun, G. A., Myasnikov, I. Y., Kazakov, A. G., Fedorova, N. V., **Chernysheva, M. G.** // Radiochemistry. – 2019. – Vol. 61. - № 2. – P. 244–250.

7. Razzhivina, I. A. Influence of carbon material supports on the efficiency of the isotope exchange between dalarginine and tritium/ Razzhivina, I. A., Badun, G. A., Artemkina, S. B., **Chernysheva, M. G.**, Ksenofontov Graifer, E. D., Garshev, A. V. // Radiochemistry. – 2019. – Vol. 61. - № 1. – P. 66–72.
8. Shevchenko, V.P. Efficiency of isotope exchange between sodium 4-phenylbenzoate and activated tritium/ Shevchenko, V.P., Razzhivina, I. A., **Chernysheva, M. G.**, Badun, G.A., Nagaev, I.Y., Shevchenko, K.V., Myasoedov, N. F. // Radiochemistry. – 2015. – Vol. 57. - № 3. – P. 313–320.