

Избранные публикации официального оппонента  
профессора, доктора химических наук Карасика Андрея Анатольевича  
по тематике защищаемой диссертации за последние 5 лет

- 1) Strelnik I.D., Dayanova I.R., Kolesnikov I.E., Fayzullin R.R., Litvinov I.A., Samigullina A.I., Gerasimova T.P., Katsyuba S.A., Musina E.I., **Karasik A.A.** The Assembly of Unique Hexanuclear Copper(I) Complexes with Effective White Luminescence // *Inorg. Chem.* 2019, V. 58, P. 1048-1057.
- 2) Zairov R.R., Solovieva A.O., Shamsutdinova N.A., Podyachev S.N., Shestopalov M.A., Pozmogova T.N., Miroshnichenko S.M., Mustafina A.R., **Karasik A.A.** Polyelectrolyte-coated ultra-small nanoparticles with Tb(III)-centered luminescence as cell labels with unusual charge effect on their cell internalization // *Materials Science and Engineering: C.* 2019, V. 95, P. 166-173.
- 3) **Karasik A.A.**, Musina E.I., Strelnik I.D., Dayanova I.R., Elistratova J.G., Mustafina A.R., Sinyashin O.G. Luminescent complexes on a scaffold of P2N2-ligands: design of materials for analytical and biomedical applications // *Pure Appl. Chem.* 2019, V. 91, P. 839.
- 4) Nikolaeva Y.A., Balueva A.S., Khafizov A.A., Strelnik I.D., Gerasimova T.P., Katsyuba S.A., Litvinov I.A., Musina E.I., **Karasik A.A.**, Sinyashin O.G. The first representatives of tetranuclear gold(I) complexes of P,N-containing cyclophanes // *Dalton Trans.* 2018, V. 47, P. 7715-7720.
- 5) Musina E.I., Naumov R.N., Kanunnikov K.B., Dobrynin A.B., Gómez-Ruiz S., Lönnecke P., Hey-Hawkins E., **Karasik A.A.**, Sinyashin O.G. Chiral [16]-ane P4N2 macrocycles: stereoselective synthesis and unexpected intermolecular exchange of endocyclic fragments // *Dalton Trans.* 2018, V. 47, P. 16977-16984.
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- 7) Musina E.I., Wittmann T.I., Dobrynin A.B., Lönnecke P., Hey-Hawkins E., **Karasik A.A.**, Sinyashin O.G. Macrocyclic tetrakis-phosphines and their copper(I) complexes // *Pure Appl. Chem.* 2017, V. 89, P. 331.
- 8) Strelnik I.D., Gurzhiy V.V., Sizov V.V., Musina E.I., **Karasik A.A.**, Tunik S.P., Grachova E.V. A stimuli-responsive Au(I) complex based on an aminomethylphosphine template: synthesis, crystalline phases and luminescence properties // *CrystEngComm.* 2016, V. 18, P. 7629-7635.
- 9) Musina E.I., Shamsieva A.V., Strelnik I.D., Gerasimova T.P., Krivolapov D.B., Kolesnikov I.E., Grachova E.V., Tunik S.P., Bannwarth C., Grimme S., Katsyuba S.A., **Karasik A.A.**, Sinyashin O.G. Synthesis of novel pyridyl containing phospholanes and their polynuclear luminescent copper(I) complexes // *Dalton Trans.* 2016, V. 45, P. 2250-2260.
- 10) **Karasik A.A.**, Musina E.I., Strelnik I.D., Balueva A.S., Budnikova Y.H., Sinyashin O.G. Cyclic Phosphino Amino Pyridines—Novel Instrument for Construction of Catalysts and Luminescent Materials // *Phosphorus, Sulfur, and Silicon and the Related Elements.* 2015, V. 190, P. 729-732.