

Список избранных публикаций Федерального государственного бюджетного
учреждения науки Институт физиологически активных веществ
Российской академии наук

1. Tarakanov P.A., Tarakanova E.N., Dorovatovskii P.V., Zubavichus Ya.V., Khrustalev V.N., Trashin S.A., De Wael K., Neganova M.E., Mischenko D.V., Sessler J.L., Pushkarev V.E., Tomilova L.G. Optical Readout of Controlled Monomer-Dimer Self-Assembly // Dalton Trans. – 2018. – Vol. 47. – P. 14169–14173. (DOI: 10.1039/C8DT00384J)
2. Dubinina T.V., Kosov A.D., Petrusevich E.F., Borisova N.E., Trigub A.L., Mamin G.V., Gilmutdinov I.F., Masitov A.A., Tokarev S.V., Pushkarev V.E., Tomilova L.G. Sandwich double-decker Er(III) and Yb(III) complexes, containing naphthalocyanine moiety: synthesis and investigation of the effect of a paramagnetic metal center // Dalton Trans. – 2019. – Vol. 48, № 35. – P. 13413–13422. (DOI: 10.1039/C9DT03226F)
3. Korostei Yu.S., Pushkarev V.E., Tolbin A.Yu., Dzuban A.V., Chernyak A.V., Konev D.V., Medvedeva T.O., Talantsev A.D., Sanina N.A., Tomilova L.G. Sandwich quadruple-decker binuclear lanthanide(III) complexes based on clamshell-type phthalocyanine ligand: synthesis and physicochemical studies // Dyes and Pigments. – 2019. – Vol. 170. – P. 107648. (DOI: 10.1016/j.dyepig.2019.107648)
4. Tolbin A.Yu., Brel V.K., Tarasevich B.N., Pushkarev V.E. Low-symmetry A₃B type pentachlorocyclotriphosphazene substituted phthalocyanine with improved nonlinear optical properties: Synthesis, spectroscopic and ab initio/(TD)DFT study // Dyes and Pigments. – 2020. – Vol. 174. – P. 108095. (DOI: 10.1016/j.dyepig.2019.108095)
5. Kalashnikov V.V., Chernyak A.V., Kalashnikova I.P., Pushkarev V.E., Tomilova L.G. 5-Phenyl- and 5,10-diphenyltetrabenzoporphyrins: Novel synthetic approach, physicochemical study with an emphasis on NMR spectroscopy, and identification of benzylated derivatives // Dyes and Pigments. – 2020. – Vol. 175. – P. 108130. (DOI: 10.1016/j.dyepig.2019.108130)

6. Starikov A.S., Kalashnikov V.V., Tarakanov P.A., Simakov A.O., Simonov S.V., Tkachev V.V., Yarkov A.V., Kazachenko V.P., Chernyak A.V., Zhurkin F.E., Tomilova L.G., Pushkarev V.E. Synthesis of 1,2-Dicyano-3-arylcycl[3.2.2]azines – First 1,2-Dicarbonitriles Based on Cyclazine Heterocycle // *Eur. J. Org. Chem.* – 2020. – № 36. – P. 5852–5856. (DOI: 10.1002/ejoc.202000958)
7. Tarakanova E.N., Tarakanov P.A., Simakov A.O., Furuyama T., Kobayashi N., Konev D.V., Goncharova O.A., Trashin S.A., De Wael K., Sulimenkov I.V., Filatov V.V., Kozlovskiy V.I., Tomilova L.G., Stuzhin P.A., Pushkarev V.E. Synthesis and characterization of heteroleptic rare earth double-decker complexes involving tetradiazepinoporphyrine and phthalocyanine macrocycles // *Dalton Trans.* – 2021. – Vol. 50, № 18. – P. 6245–6255. (DOI: 10.1039/D1DT00088H)
8. Krichevsky D.M., Tolbin A.Yu., Dubinina T.V., Kosolobov S.S., Krasovskii V.I., Tomilova L.G., Pushkarev V.E., Zasedatelev A.V. Resonant plasmon-enhanced absorption of charge transfer complexes in a metal-organic monolayer // *Adv. Opt. Mater.* – 2021. – Vol. 9, № 11. – P. 2100065. (DOI: 10.1002/adom.202100065)
9. Balashova I.O., Tolbin A.Yu., Tarakanov P.A., Krot A.R., Fedorova K.V., Sergeeva I.A., Trashin S.A., De Wael K., Pushkarev V.E., Koifman M.O., Ponomarev G.V.. A Covalently Linked Dyad Based on Zinc Phthalocyanine and Methylpheophorbide a: Synthetic and Physicochemical Study // *Macroheterocycles.* – 2021. – Vol. 14, № 1. – P. 40–50. (DOI: 10.6060/mhc210338p)
10. Tolbin A.Yu., Pushkarev V.E.. First selective one-stage transformation of A₄-to A₃B-type Phthalocyanine // *Dyes and Pigments.* – 2021. – Vol. 194. – P. 109571. (DOI: 10.1016/j.dyepig.2021.109571)