

Избранные публикации официального оппонента

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по тематике защищаемой диссертации

1. Stuzhin P. A., Malyasova A. S., Sheinin V. B., Kokareva E., Tarakanov P. A., Koifman O. I. Acid-Base Properties of tetrapyrrozinoporphyrazines. 1. Deprotonation of octaethyltetrapyrrozinoporphyrazine in CH_2Cl_2 , THF, DMSO and pyridine. The crucial role of water // *Dyes and Pigments* – 2017 – Vol. 139 – P.509-516.
2. Lebedeva (Yablokova) I. A., Ivanova S. S., Novakova V., Stuzhin P.A. Perfluorinated porphyrazines. 3. Synthesis, spectral-luminescence and electrochemical properties of perfluorinated octaphenyl-porphyrazinatozinc(II) // *J. Fluor.Chem.* – 2018 – Vol. 214 – P. 86-93.
3. Tarakanov P.A., Tarakanova E.N., Dorovatovskii P.V., Zubavichus Y.V., Khrustalev V.N., Trashin S.A., De Wael K., Neganova M.E., Mischenko, Sessler J.L., Stuzhin P.A., Pushkarev V.E., Tomilova L.G. Optical readout of controlled monomer-dimer-self-assembly // *Dalton Trans.* – 2018 – Vol. 47 – P.14169-14173.
4. Ivanova S. S., Moryganova Yu., Hamdoush M., Koifman O. I., Sal'nikov D. S., Stuzhin P. A. Phosphorus(V) tetrapyrrozinocorrolazines - first corrolazine derivative with fused heterocyclic rings // *J. Porph. Phthal.* – 2014 – Vol. 18 – P.875-883.
5. Stuzhin P.A., Mikhailov M.S., Yurina E.S., Bazanov M.I., Koifman O.I., Pakhomov G.L., Travkin V.V., Sinelshchikova A.A. First tellurium-containing phthalocyanine analogues: strong effect of tellurium on spectral, redox and conductivity properties of porphyrazines with annulated chalcogenodiazole rings // *Chem. Commun.* – 2012 – Vol. 48 – P.10135-10137.
6. Svec J., Zimcik P., Novakova L., Rakitin O.A., Amelichev S., Stuzhin P.A., Novakova V. 1,2,5-chalcogenodiazole-annulated tripyrazinoporphyrazines: synthesis, spectral characteristics and influence of the heavy atom effect on their photophysical properties // *Eur. J. Org. Chem.* – 2015 – Vol. 3 – P. 596-604.
7. Hamdoush M., Ivanova S. S., Koifman O. I., Kos'kina M., Pakhomov G.L., Stuzhin P.A. Synthesis, spectral and electrochemical study of perchlorinated tetrapyrrozinoporphyrazine and its Al^{III} , Ga^{III} and In^{III} complexes // *Inorganica Chim. Acta* – 2016 – Vol. 444 – P. 81–86.
8. Hamdoush M., Ivanova S.S., Pakhomov G.L., Stuzhin P.A. Heterocyclic subphthalocyanine analogue – boron(III) subporphyrazine with fused 1,2,5-thiadiazole rings // *Macroheterocycles* – 2016 – Vol. 9 – P. 230-233.
9. Hamdoush M., Skvortsov I.A., Mikhailov M.S., Pakhomov G.L., Stuzhin P.A. Perfluorinated subphthalocyanine analogues containing fused 1,2,5-thiadiazole fragments // *J. Fluor.Chem.* – 2017 - Vol. 204 – P. 31-36.